

PRODUCT CATALO<mark>gue</mark>

ENODELING 2019/20

INSPIRATION Fresh ideas – Made in Black Forest

INDIVIDUALITY

Creative and unique – Your hobby designed by yourself INNOVATION With technique and emotion – Installations full of life

mlagbahnhof DE

Gebr. FALLER GmbH

SCALE MODELLING SPRING

Show installations, permanent exhibitions and miniature world museums magically fascinate millions of visitors – men, women and children – around the globe, while new, fantastically illustrated books with entertaining and competent descriptions on that hobby fill old and new readers with enthusiasm. On the next 544 pages you will discover where professionals, hobbyists, newcomers and fans draw on plentiful resources. Look forward to getting inspired by diversity and quality from the Black Forest – for over 70 years the factory of passionate ideas and innovative products.

Munst Ne. Sal

Your Horst Neidhard and the FALLER Team

New interpretation

Lonesome slopes, snow and wind imprint the **architectural culture of the Black Forest.** Building types typical of the region are ideally suitable for configuring amazing installations. From page 168.







Keyword: Historical monument Signal tower jewel with

new use. Pages 42/43

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Cover model »Container bridge-crane« offers countless configuration possibilities. **Pages 66/67**



Time out

With over 1,300 piece parts »Kloster Blaubeuren« is one of the most voluminous model in the scale 1:160. **Pages 310/311**



Since 1988 road traffic has been rolling on model layouts with Car System. **From page 410**

Classic







Landscaping

Model layout construction drawing on the most beautiful trees. **From page 480**

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For venturers

The sumptuously designed lottery booth »Caesar's Palace« is the most recent arrival on the funfair. **On page 371**

Symbolism

Track gauge

∎HO	1:87 16,5 mm
	1:120 12 mm
	1:160 9 mm
	1:220 6,5 mm

Epochs

Epoch I	1880 - 1920
Epoch II	1921-1945
Epoch III	1946-1977
Epoch IV	1978-1985
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A hall may not simply be a hall Flexible building block system

»Goldbeck Industry hall« (p. 65) is FALLER's latest modular system and resumes the legendary »Marathon« modular system with which FALLER's success story began in 1946. All parts forming the Goldbeck hall can be arranged at will and complemented with other compatible system elements of the new series to your personal liking.

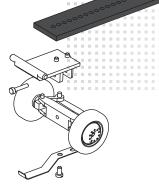
> **Playing as experience** The Marathon modular system paved the way for the world of building models.



PERSONALIZATION

With innovative models which are easy and fine to build, while fulfilling the highest quality demands in their execution, you are going to impart a personal touch to your ideas.

Products you are able to personalize offer plenty of room for creativity, while allowing you to design and integrate them entirely to your personal liking. They are the perfect starting point for a new section of construction on your model layout or to learn the technique of Car System. Give free rein to your fantasy.



Build your own car Car System Conversion kits

Do you fancy emotional technique that spectacularly animates your thematic world? The conversion kits (p. 412-414) allow you to make stationary models of vehicles of your choice fit for Car System operation with a few simple steps. You can choose from sets containing all required chassis components or pre-assembled chassis.



нононо Every year again

FALLER Advent Calendar Art. 190002



READING AND FANTASTIC PICTURES



Exhibition tip märklinMODERNITY



On model railway installations of the economic miracle, architecture was amazingly modern. New and Old, multistorey buildings and half-timbered houses peacefully stood side by side. Up to this day the famous »Villa in Tessin«, multistorey buildings, petrol stations, railway stations and administrative buildings of the post-war period link several generations together across the German Federal States. The exhibition »märklinMODERNITY« and the relevant catalogue show for the first time how passionate of modernity the nostalgic model railway hobbyists really were in those days.

Daniel Bartetzko/Karin Berkemann (Ed.) märklinMODERNITY. From building to kit and back Jovis Verlag, Berlin 2018, ISBN: 978-3-86859-518-5



Inspiration on plenty of pages Leaf through, read, marvel, build!

Along with FALLER and POLA G general catalogues various leaflets with comprehensive information on all new items from the world of FALLER brands are published in the course of the year. You will get them hot off the press by visiting any retailer in your neighbourhood or as file to download on <u>www.faller.de.</u>

A part of our company history A book for all collectors and fans

Company FALLER from the Black Forest witnessed a picture-book rise in growth after World War II. With their finely worked miniatures intended for model railway fans they hit a nerve of that time: the longing for cosiness and feeling at home. Young and young at heart have since then leisurely created wonderful landscapes in the hobby room. That marvellously illustrated and entertaining retro book tells the whole story of model-making pioneers Gebrüder Faller.

Ulrich Biene

FALLER. Small world quite big Delius Klasing Verlag, Bielefeld ISBN: 978-3-667-10694-0





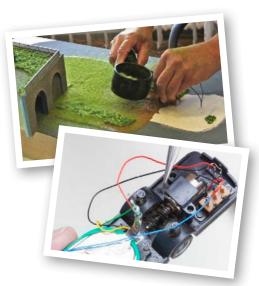
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Protips For car friends

Road traffic has been rolling on model layouts for 30 years now. Our guide »Pro Tips Car System« on page 425 contains all information for newcomers and fans.







Excellent mix of theory and practice FALLER Workshops

We show you how easy and diversified scale modelling can be. During FALLER workshops at our headquarters in Gütenbach our experts will show you the best working techniques as well as all essential tricks and knacks when putting them into practice. Our workshops on the topics model layout construction, Car System, Car System Digital and conversion of Car System Digital vehicles are equally aimed at beginners and advanced hobbyists. Get all infos on: <u>www.faller.de</u>

Customer Club Mikro Länder



Become a member now. Benefit from the club for brands such as BREKINA, BUSCH, PREISER and FALLER. Get in direct contact with the manufacturers and other model-makers. In addition to free catalogues, a club magazine and unique special models, you will also be eligible for discounts on entry to numerous fairs and events. Joining can be worthwhile.

WW.FALLER.DE

More information at <u>www.mikrolaender.de</u>

Für Veränderer

EXPERIENCE FALLER LIVE

A visit is worthwhile

On numerous trade fairs and exhibitions in our country and abroad our team waits for you with fascinating show installations as well as all new items and innovations from the current range of products. Get inspired and enthusiastic about the personal fun at building and modelling! We shall be pleased to meet every one of the small and big visitors.





All-round customer assistance

If you need some advice on our products, order spare parts, or want us to repair or service any article, FALLER customer service department is always ready to help and will be pleased to provide you with expert assistance. Moreover, all information on our products and all instruction manuals are available for download as PDF files on <u>www.faller.de.</u>

E-mail: kundendienst@faller.de Phone: +49 7723 651-106 Technical assistance by phone: Mondays: 8.00 hrs – 16.00 hrs Tuesday – Thursday: 8.00 hrs – 12.00 hrs



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SHOP ONLINE

Bf

www.faller.de www.car-system-digital.de



TOP SPOTS WORLDWIDE



Miniature Wonderland

The largest Model Railway in the World

MINIATURE WONDERLAND is the largest model railway installation in the world and Germany's tourist attraction no. 1. Over 17 million visitors from all over the world have seen that superlative miniature world in the Hamburger Speicherstadt already. On 1,499 square metres an unequalled miniature masterpiece has been built up over approximately 795,000 man-hours, and it is still growing. Along with sophisticated technique it particularly fascinates through an abundance of details. Over 265,000 miniature figures have been used to lovingly stage that show, cars and ships move along through the landscapes, and even aircraft take off at Knuffingen Airport every minute. Since February 2018 visitors have been able to marvel at the new »Venice« area. Wonderland is a breathtaking miniature cosmos that does not exist anywhere else in the world. Next stop: Monaco & France's Provence!



Opening hours and other useful info on: <u>www.miniatur-wunderland.de</u>





OPENING NOV.2018



Miniature world at the Rhine Falls

Small, unique and breathtakingly beautiful – this is Switzerland. These are precisely the attributes that also apply to SMILESTONES. In the **nearest vicinity of the Rhine Falls** the largest covered miniature world in the country is arising on a surface area of seven tennis courts. Not only model railway fans are making **big eyes** when 1,000 metres of track, 80 trains and over 15,000 miniature figures present Switzerland from a fully new perspective.

»From the beginning our idea was not simply to reduce the scale, but to make perceptible the most important landmarks of our country«, said Raphael Meyer, creative director and founder of SMILESTONES AG. »As it seems, we are not able to really understand many things until we are prepared to change our perspective. If we have the opportunity to experience our history, our culture and our values in an interactive way from a fully new dimension, we then suddenly see our country from **a fully new point of view.**«

Day by day the small world has come into existence with **extraordinary care and love for details**, until the first adventure area opened its gates in Autumn 2018. Since that date, Switzerland has had one attraction more to offer, just in the vicinity of the largest water fall in Europe. And real greatness, as Swiss people know only too well, really shows up at close range.

Opening hours and other useful info on: <u>www.smilestones.ch</u>









Gulliver's Gate A Big Little World

Gulliver's Gate is a 1:87 miniature world in the heart of Manhattan which offers all visitors various interactive worlds under the same roof. Within a few hours you will discover new facets of New York, travel through the rest of America, visit famous buildings in Europe and Asia – not less than 25 towns on 5 continents as well as numerous fantasy worlds are waiting for you to explore them, a key allowing to set in motion **hundreds of concealed scenes** and elements and bring them back to life. In addition traffic rolls on many roads with **Car System Digital.** Particularity: Buildings and landscapes were created by teams who come from the respective regions so that everything is right down to the tiniest detail and looks most realistic.

Opening hours and other useful info on: <u>www.gulliversgate.com</u>





We Dream

Model railway in the Celestial Empire

Located in the **centre of Shanghai**, miniature world We Dream sets about filling the Celestial Empire with enthusiasm for the model railway hobby. Here these people are doing **real pioneer work** for model railway which is scarcely known in China until now. Starting from the initial idea of showing their customers the practical use of scale modelling products, they have built up so far an exhibition area for the nearly 100 running trains, including 300 square metres of H0 landscapes in the European style and 30 square metres with **Japanese N landscapes.** Visitors to WE DREAM may prepare for over 1,200 building models, 8,000 trees, 1,000 vehicle models, 60,000 miniature figures and the highlight **Car System Digital road traffic.** Current project: Landscapes according to Chinese originals reproducing the Silk Road.

We Dream

Hongkong Mingdu, 2nd Floor 489 South Henan Rd, Huangpu District Shanghai, China





Triberg-Land

Marvellously Black Forest

Triberg in the Black Forest, well known far beyond the boundaries of the region for possessing Germany's highest water falls outside the Alps, waits for you with another tourist attraction, namely "Triberg-Land« that was opened in 2017: that indoor amusement facility shows FALLER installations on an exhibition area of **over 300 square metres.**

The remarkable feature: Visitors are not only spectators here, but are able to **produce interactions by simply pressing a button:** they then set for instance vehicles, trains or even cable railways in motion. It's fun for the entire family.

The most impressive of all buildings is certainly the faithful reproduction of the original Triberg station at the time of the Black Forest Line, on which no less than several trains run simultaneously. Minitrain »Water Fall Express«, too, which takes visitors for a sightseeing tour round the town in the real world, may not be missing in miniature.

The other installations are mainly inspired by the Black Forest. But other regions such as the Allgäu and a beach scene on Lake Constance are also represented. Another eye-catcher is the »Funfair« which shows **spectacular light effects.**

When using a Triberg all-inclusive card visitors to »Germany's Highest Water Falls« may look round the new exhibition located in the centre of town, at no extra cost.

Daily opening hours of »Triberg-Land« are 10.30 hrs. – 18.30 hrs. during the saison from 15/05/-15/09/ and 11.00 hrs. – 17.00 hrs. in the remaining period of the year.

Triberg-Land Hauptstraße 48 78098 Triberg im Schwarzwald, Germany



FALLER's Miniature worlds

On a discovery tour

The right destination for the entire family on a trip to Gütenbach and the Black Forest. Experience scale modelling realistically through our exhibition on more than 300 sq. m. with **fascinating show installations, historic toys, open workshop,** cafeteria, and shop.

Opening hours:

Wednesday to Friday: 10 a.m. – 5 p.m., Saturday: 10 a.m. – 3 p.m. Closed on public holidays.

Kreuzstraße 9, 78148 Gütenbach, Germany



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HO RAILWAY STATIONS, RAILWAY BUILDINGS



110136 »Schierke« Station

Flat out up Mount Brocken! Laser-cut model according to the original »Schierke« through station operated by the Harz Narrow-gauge Railways (HSB), built in the historical Harz style, with stone foundation and partly coloured wood siding that protects the facade from wind and storm. Tickets and souvenirs are sold in the adjoining extension.

Epoch V • New Item 2018 • Lasercut model • 375 × 178 × 72 mm

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120207 Halt

Halt set consisting of a roofed waiting shelter with bench, newspaper stand, advertising pillars, street lampposts and other small parts. Both end floor plates can be made safe for people using some rows of fence bars. Suitable for use as bus stop or tram stop.

Epoch II • Patinated model • 440 × 51 × 64 mm





120298 Rail route sign set Epoch II



150501 Travellers I





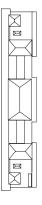
150502 Travellers II



150503 Travellers III







»Friedrichstadt« Station

A superlative entry for your trains! Very long station building composed of seven sections featuring different heights, hipped roofs and double pitch roofs as well as a partly glazed platform roofing stretching over the whole length of the station. Some decoration elements such as masonry parts, fence parts, bicycle stands and a kiosk complement that impressive model composed of over 1,400 component parts. Edition of that kit limited to 1000 pieces.

Epoch II • Patinated model • 1484 x 285 x 210 mm



110203

»Waldhausen« Wayside station

Multiple uses. Laser-cut model of »Waldhausen« country halt located on the Amstetten-Gerstetten local railway line operated by the UIm Railway Friends, with plinth all around, light-coloured rendered facade and a double pitch roof at a right angle.

Epoch II • New Item 2018 • Lasercut model • 93 × 63 × 68 mm

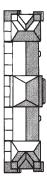




»Weisenbach« Bavarian station

Three-storey station building on a rectangular base with adjoining roofed platform and the suitable platform decoration. Interesting visual elements are the eaves moulding with ancon frieze at the low pitched hipped roof as well as the semicircular arched windows and entrances on the ground floor.





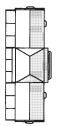
»Bonn« Station

Many accessories which realistically enliven the appearance of the station such as: route indicators, loudspeakers, clocks, wastepaper bins, train-formation indication boards, benches, timetable boards, illuminated kiosk, luggage lockers, ticket offices and various advertising signs. Particularly interesting effects result by illuminating the centre reception building.

The kiosk and ticket office here can also be illuminated. The intermediate and corner buildings can also be illuminated. Setting up this large model is significantly simplified by the fact that the five building complexes are individually assembled and are then only arranged to form the complete model.

Epoch I = 700 \times 160 \times 130 mm

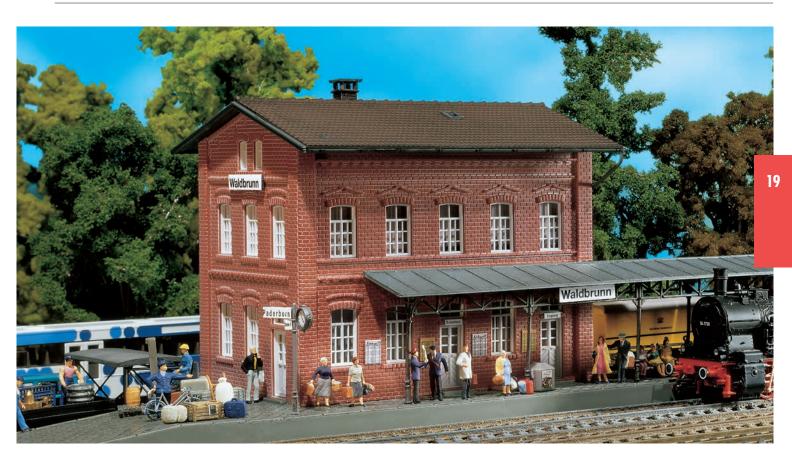




»Mittelstadt« Station

A classic urban station with richly decorated facades, spacious entrance hall and many decorative accessories for the interior and around the building.

Epoch I • 446 × 160 × 130 mm



110099 »Waldbrunn« Station

Typical provincial-town brick station, with roofed platform in cast iron construction. For extension the platforms art. 120204 are suitable.

Epoch I • Patinated model • 240 × 125 × 135 mm

120204

2 Covered platforms

Its cast-iron construction harmonizes with station »Waldbrunn« (art. 110099). Clock and train target indicator. It can be extended to fit requirements.

Epoch I • Patinated model • 358 × 55 × 62 mm (2 x)





151002 **Railway personnel I**



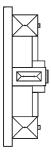
151003 Railway personnel II



151004 **Engine drivers**







»Neustadt/Weinstraße« Railway station

Original reproduction of the city railway station built around the turn of the century, with detailed, abundant interior furnishings, opening portal doors, decoration parts and interesting internal lighting effects (not enclosed).

Assembling the model is considerably simplified in that the various blocks of the building aisles are separately assembled and then joined to form the entire building.

Epoch I • 900 × 284 × 280 mm



150701 Sitting persons I 151086 Tourists

Sitting people





Neustadt/Weinstraße« Platform bridge

Faithful reproduction of the original footbridge built in Neustadt, to go with FALLER station »Neustadt/Weinstraße« (art. 110111). Present-day steel and glass construction with two covered stairways, bridge spanning two tracks and two annexed elevator towers (without function). The width of both rising and descending flights of stairs annexed to the bridge can be modified according to a module to match any type of track. Several units can be built side by side. Suitable for catenary operation. Without platforms. Can be used with any type of FALLER platform.

Epoch VI • 320 × 240 × 126 mm • Clearance: 83 mm • Width of stairs: 28 mm



120111 »Neustadt« Overhead signal tower

Covering 3 tracks. Fully equipped signal tower room. The original is located in Neustadt/Weinstraße. Catenary operation possible. Matching the train station »Neustadt« (art. 110111).

Epoch II • Patinated model • 280 × 168 × 210 mm • Clearance: 80 mm (without track)



»Steinheim« Station

Station building in the countryside style of the uniform stations in Wurtemberg with a three-storey light-coloured frontage building, shingle siding in the upper storeys, and an overhanging half-hipped roof covered with interlocking tiles. The ground floor and the two adjoining extensions covered with sheet zinc that were initially used as waiting room and goods shed are made of brickwork. The foundation consists of a concrete socle faced with ashlar on the street side and provided with small stairs, ramp, railing and platform.

Epoch II \bullet 508 \times 160 \times 172 mm

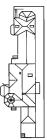


180585

Town accessories

Telephone booths, advertising pillars, letterboxes, hoardings, clocks, flower pots, bus shelters, benches, waste paper baskets, cigarette vending machines – with these accessories, in part several pieces of individual items available, the town or village looks real. **Epoch IV**





»Schwarzburg« Station

The railway station »Schwarzburg« built around 1900 is the attraction of any model installation. With halftimber construction, open, roofed shelter platform, richly structured hip roof and attached goods shed. With many carefully designed details - thus, the waiting room is completely equipped, the doors can be opened and many beautiful accessories for the building are contained in the construction kit.

Epoch I • 550 × 185 × 230 mm



110114

»Trossingen« Station

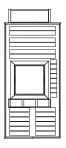
Replica of the original »Trossingen« station in Tuttlingen county as it has existed since about 1898. A half-timbered style construction with wooden lags in the attic, masoned ground floor, attached freight shed with loading ramps and attached tower in the entrance area. An updated version of the station is still standing today.

Epoch II • Patinated model • 360 × 190 × 245 mm



»Horrem« Station

New standards for the station building on your model railway installation! Faithful reproduction of the original »Green Station« built in Kerpen-Horrem in North Rhine-Westphalia on the regional express line connecting Cologne and Aachen.



That lighthouse project of DB Station&Service AG is the first station to be built to combine holistically the three aspects environment, energy and climate. While the clear structure and the reserved tone of the slate building leave the trains the privilege of being the real stars, the large-area glazed facade and roof provide transparency and ideal daylight penetration for the travellers present in the central hall without any supporting pillar and its waiting area.

The photo-voltaic installation making use of solar energy as well as the grassing of the roof surfaces of varying overhanging length round off that successful ecological model.

Seats, modern lampposts and train destination indicators also form part of the kit.

Epoch VI = 448 \times 195 \times 110 mm

The »Green Station« in Kerpen Horrem is the first climate-neutral station in Germany and was festively inaugurated in the summer of 2014. The second »Green Station« will be put into operation in the Lutheran town of Wittenberg.

The base structure of the original is composed of 5×5 m modules that can be enlarged depending on the spatial requirements. The open facades featuring a proportion of glass of 52% ensure high transparency and thus good orientation for travellers, while in the winter months solar energy is used to heat other zones.

The large roof offers plenty of shadow during the summer as well as space for the photo-voltaic installation and the transformation of

solar radiation into thermal energy. Along with the material properties of the structure a geothermic installation with bores down to some 100 metres deep in the earth forms the physical »core« of the »Green Station«.

The clear structure and high transparency within the building makes the orientation easier for travellers who change trains or look for a train about to leave, while an open central waiting lounge provides a pleasant stay in the entrance hall. All entrance halls of the project are intended to offer the travellers a modern innovative principle of building that combines ecological motivation and comfort for customers.







Modern platform plate with accessories

Two platform base plates with printed safety line and covering pavement. For the platform ends ramps with two different slopes are provided. The kit includes modern decoration elements such as train destination indicators, ticket slot machines, lamps, signs and information panels. The width of the platform can be chosen variably according to useful rated break points built into the part.

Epoch V • 180 × 70 × 12 mm (2x) • 65 × 70 × 12 mm (2x) • 51 × 70 × 12 mm (2x) • 35 × 70 × 12 mm (2x)



120297

Modern lift with drive parts

Shaft made of steel and glass with movable lift allowing to represent a ground-level elevator access to a platform or a flat roof. The driving parts for the elevator (threaded rod, nuts, ball bearings) are supplied with the kit. »Drive unit«, Art. 180692 suitable for the lift is available separately.

Epoch V • New Item 2018 • Movable model • 52 × 31 × 37 mm • Depth: 60 mm

180692

Drive unit

Drive unit suitable for models »Clinic«, Art. 130809 and »Modern lift with drive parts«, Art. 120297, comprised of motor, automatic cutoff through limit stops, and manual reversing switch. Connection to 12–16 V continuous or alternating voltage.





»Neukirchen« Station

Long two-storey passenger building with facade of symmetrical structure, semicircular arched windows and doors on the ground floor, a continuous moulding and sash bar windows and plain frames in the upper storey.

Epoch II • 335 × 113 × 127 mm



120100

Modern platform for C track

High platform plate with pavement aspect and imprinted safety markings, allows passengers to get out exactly on a level with train doors when using embankment tracks or C tracks. Platform width and slope of platform ramps are variable. Plenty of modern decoration accessories are included.

Epoch V • Platform: 180 × 70 × 22 mm (2 x) • Ramp 1: 65 × 70 × 22 mm (2 x) • Ramp 2: 51 × 70 × 22 mm (2 x) • Ramp 3: 35 × 70 × 22 mm (2 x)



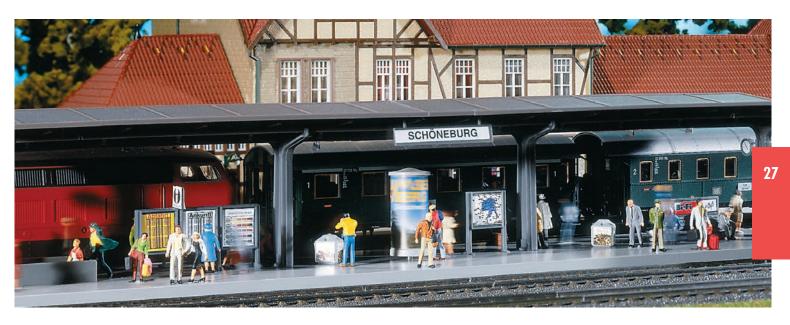
180380 Platform truck

Still R08-12. Stationary model of an electric platform truck with loading area and trailer for the small transport tasks of railway personnel.

Epoch IV • Tractor: 40 × 14 × 22 mm • Trailer: 38 × 14 × 17 mm



Variation



Platform with drive

With the built-in drive mechanism, the figures on the platform are able to move about. 6 figures and drive mechanism (12-16 V, AC voltage) are included. Extendable with platform art. 120201 (without drive mechanism). Suitable for Märklin C-rail and all other rail types. Illumination with strip light strip (art. 180654).

Epoch I • incl. motor • $375 \times 76 \times 74$ mm



153002 Travellers/Passers-by Content: 36 pieces



120201 Platform

Can be combined with platform art. 120200. Can be used for Märklin track C and all other track types. Illumination with light bar art. 180654.



120181 Platform

Covered platform with passenger exit. For all track types. Illumination with light bar (art. 180654).

 $\textbf{Epoch I} \bullet 338 \times 92 \times 84 \ mm$

 $\textbf{Epoch I} \bullet 375 \times 76 \times 74 \ mm$



Covered platform

Covered platform with accessories. Platform extension with track lowering. For all track types. Illumination with strip light bar (art. 180654).

Epoch II • 295 × 72 × 64 mm

120192

Platform

Covered platform with 2 extension pieces. For all track types. Illumination with strip light bar (art. 180654).

Epoch I • 454 × 48 × 67 mm

120204

2 Covered platforms

Its cast-iron construction harmonizes with station »Waldbrunn« (art. 110099). Clock and train target indicator. It can be extended to fit requirements.

Epoch I • Patinated model • 358 × 55 × 62 mm (2 x)



120191

120203

2 Platforms

2 pieces, suitable for the railway stations »Bonn« (art. 110113) and »Mittelstadt« (art. 110115) and for the train shed (art. 120180). For all track types. Can be illuminated with 1 light bar of art. 180659.

Epoch I • 417 × 48 × 52/68 mm



Platform extension

Without roofing, for extension of platform (art. 120191), with roofed platform exit. For all track types.

Epoch I • 418 × 48 × 67 mm



2 ICE platforms

2 ICE platforms in modern design, with a glazed waiting room, benches, waste paper baskets and information boards.

Optionally extendable. Can be illuminated with light bar, Art. 180654.

Epoch V • $634 \times 94 \times 63 \text{ mm}$



120188

Platform with kiosk

Glass covered platform with kiosk, benches, advertising boards etc. 2 platform extension pieces. Can be illuminated with 1 light bar (art. 180659). For all track types.

Epoch III • $487 \times 53 \times 75 \text{ mm}$

120187

Platform

Same model as art. 120188, but without decorative accents. Illuminate with 1 batten light fitting (art. 180659).

Epoch III • $487 \times 53 \times 75 \text{ mm}$



120206 Platforms/Base plates

Platform set allowing any possible combination, with base plates, loading platforms and stairs suitable for the design of a railway platform and the placing of a station or a halt.

Epoch I • 145 × 120 × 10 mm (3 x) • 80 × 40 × 10 mm (3 x)



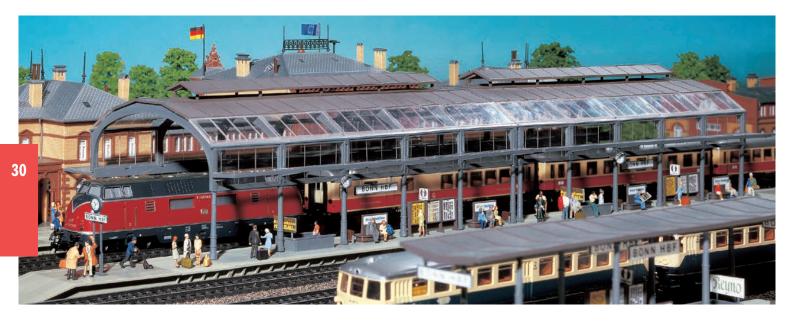
120205 Flexible platform edges Epoch V • 1440 × 8 × 13 mm



180609 Modern lifts Epoch V • 52 × 31 × 122 mm • 52 × 31 × 37 mm



180654 2 LED bar spotlights, warm white Total length: each 180 mm



Train shed

According to the style and size, the FALLER models art. 110113 and art. 110115 can be recommended. Steam and catenary operation possible. Passage width can be varied so that the covered platform can be run through double-track with all standard track systems.

The roof is only clipped on and can be removed if necessary. Can be illuminated with 1 light bar (art. 180659).

Epoch I • 417 x 178 x 122 mm • 151 x 24 x 10 mm (2 x) • 48 x 24 x 10 mm (2 x) • 43 x 24 x 10 mm (2 x)

Modern bus shelter with platform

Modern stations in glass optic with destination display, ticket counter, information boards, platform lights (without function), as well as a flexible platform edge.

Epoch V •

Shelter: 34 × 18 × 32 mm • Stop: 34 × 34 × 32 mm • Flexible platform edge: 360 × 8 × 13 mm



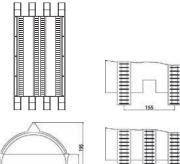


120233 Train target indicator

The swivelling indicator panels pointed the attention to the incoming or outgoing trains. With matching benches. In Germany this old design was popularly called »supple-jack«.

Epoch II • 13 × 6 × 35 mm





Covered platform

Sophisticated, spacious covered platform. Passage width suitable for 3-track traffic with C track and all other track types. Catenary operation possible. Can be constructed in tandem or side by side multiple times. Can be illuminated with light bar (art. 180654).

Epoch I \circ 564 \times 270 \times 195 mm \circ Clearance: 82 mm \circ Platform width: 37,5 mm \circ Space between centre of tracks: 77,5 mm



120197

Platform extension

Without roofing, for extension of the platforms of covered platform (art. 120199). For all track types.

Epoch I • 486 × 38 × 67 mm



120186 Platform decorations

The package contains various billboards, timetables, benches, waste baskets, clocks and train target indicators. To go with the covered platform (art. 120199). **Epoch V**

Covered footbridge

Footbridge with open staircases and covered, closed overhead walkway. Can be assembled in various shapes. Up to 4 rails spanning.

Epoch II • 273 × 195 × 138 mm • Clearance: 94 mm



120178

Foot bridge

Crossing with two staircases for double-tracks. There are various options in building the staircases.

Epoch II • 233 × 177 × 83 mm • Clearance: 70 mm



120179

Foot bridge Spans up to four tracks.

Epoch III • 264 × 188 × 118 mm • Clearance: 95 mm



120487

Steel bridge

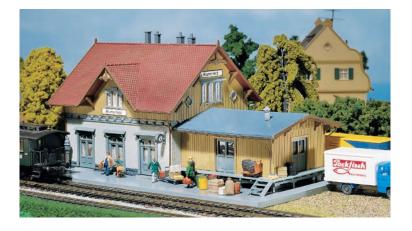
2-rail, with support columns. Suitable for C-rail and all other rail types.

Epoch II = 358 \times 134 \times 97 mm



HALTS AND COUNTRY RAILWAY STATIONS

Boarding and getting off. Halts or simple stations are increasingly used on secondary lines, on single tracks and in rural areas. These items are ideal when constructing a layout with limited space and several planned access points.



110097

»Blumenfeld« Wayside stop

Wayside stop with built-on goods shed.

Epoch II • 250 \times 140 \times 120 mm

110092

»Zindelstein« Wayside stop A typical country station.

Epoch II • 202 × 102 × 75 mm

110091

»Hintertupfingen« Wayside stop

Wayside stop with glass-roofed vestibule and station clock; especially suitable for small layouts and branch lines.

Epoch II • 121 × 78 × 49 mm



110086

»Steinbach« Wayside station

You can use this small, roofed shelter with benches and two flanking rooms as station for smaller villages or as protection against bad weather for travellers on the open road. Of course, you can also use it as bus or tram shelter.

Epoch II • Patinated model • 118 × 51 × 51 mm

110202

»Stamperia« Wayside station, with imprints

A nice finishing technique: digital printing! Aged laser-cut model of a rural halt similar to an original located in Italy, with plain angle pilasters at the four corners of the building, arched brickwork window lintels and characteristic red shutters. Decoration for international inscriptions supplied.

Epoch II • Lasercut model • 86 × 70 × 68 mm





»Stamperia« Wayside station

Light-coloured laser-cut model of a rural halt similar to an original located in Italy, with plain angle pilasters at the four corners of the building, arched brickwork window lintels and characteristic red shutters. Decoration for international inscriptions supplied.

Epoch II • Lasercut model • 86 × 70 × 68 mm

Modern digital printing technology putting effective ideas to use

While seeking not only to fulfill our customer's wishes, but also to surpass them, Gebr. FALLER GmbH continuously build new solutions into the proven procedures. Modern digital printing technology is one of the most expressive innovations of the past years and allows to obtain excellent results in surface refinement, a variety of possibilities of personalization as well as noticeable quality improvements and facilities for the hobbyist: never again any work with decoration elements and the accompanying residues of glue on the model, the printings being resistant to solvents thanks to UV hardening. For the first time in our collection a picture was imprinted on the »Stamperia« halt to impart a particularly realistic patina to the model.



»Schönberg« Wayside station

Unique edition! Laser-cut model of a small station building at a halt similar to some originals located on secondary lines in the Schwäbisch Hall district. Timber framework with exposed wall made of bricks in a beautiful red shade and a hipped roof at a corner. Can be used in rural or urban areas.

Epoch II • Lasercut model • 93 × 66 × 67 mm



120223 Signal man house

Signal man house in clinker construction, matching the clinker railway buildings. Material mix of coloured plastic, wood and special cardboard parts.

Epoch II • Patinated model • Lasercut model • 70 × 68 × 65 mm



120130 Gatekeeper's lodge

Gatekeeper's lodge with shed attached on one side and board cladding of the top storey.

Epoch II • $100 \times 92 \times 84 \text{ mm}$



120133

Engine drivers' cabin, 2 linemen

Alongside the railway line there are many types of shelters for the linemen. In the waiting shelters for the engine drivers the locomotive personnel is waiting for the servicing of the locomotives.

Epoch II • Engineer waiting hall: $32 \times 29 \times 37 \text{ mm} \cdot$ Trackside shanties: $27 \times 34 \times 29 \text{ mm} (2 \text{ x})$



120211

Trackside buildings/Equipment shed

Tools and work equipment can be kept in the sheds. Is also ideal for use as a railway linesman's house.

Epoch I • Patinated model • 39 × 41 × 45 mm • 29 × 34 × 45 mm • 23 × 26 × 28 mm



120140

3 Trackside shanties

Tools for the maintenance of road beds are stored in them.

Epoch I • 70 × 52 × 47 mm • 47 × 39 × 47 mm • 30 × 28 × 30 mm 35

I≡ H0





1806302 Andrews crosses with warning lights

Andrews crosses with warning lights for unprotected level crossings, 12-16 V, AC/DC voltage. Switching printed circuit included. **Epoch III**

120170 Field track crossing

Field track crossing with gatekeeper's house and movable barriers. For all straight or curved model tracks.

Epoch I = 130 \times 120 \times 50 mm



120243

Unprotected level crossing

Set intended for the design of the area between the tracks. Covering flush with the road using a plank, a concrete filler block or a rhomboid metal insert, all supplied. Suitable for all kinds of H0 tracks (also C-M-K) and Car System.

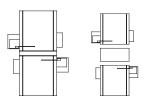
Epoch III • 113 × 14 mm (3 x)

120244 Railway gate with drive parts

Modern level crossing with printed gates, warning lightings and St. Andrews crosses. Includes the driving parts allowing to retrofit the kit with two servos.

Suitable for FALLER Car System!

Epoch V • Movable model • Single-track: 295 × 210 × 43 mm • Double-track: 371 × 210 × 43 mm







Gated railway crossing

This microprocessor-controlled level-crossing is equipped with 4 flashing St. Andrews crosses, 2 gates over the entire width of the road and a gatekeeper's lodge. Function is triggered through a sensor, digital input is also possible. Suitable for all types of track and several juxtaposed tracks.

Can also be used in the Car System for right-hand and left-hand traffic, on one or two lanes. Stopping places have to be bought separately. 12-16 V AC/DC.

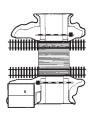
Epoch III • incl. motor • Level crossing: 310 × 210 × 44 mm • Railway lodge: 72 × 65 × 59 mm • Depth: 34 mm

120172 Guarded level crossing

Guarded level crossing with two little houses, pedestrian turnstile and barriers. For all curved model tracks.

Epoch I \bullet 190 \times 160 \times 50 mm





Level-crossing with gatekeeper's house

This level-crossing is fitted with an electric drive that realistically opens and closes the gates slowly and silently. Can be used in single or multi-track operation on all straight track types (12-16 V, AC voltage, 60 mA).

Epoch II • incl. motor • Single-track: 220 × 173 × 75 mm • Double-track: 220 × 255 × 75 mm



120173 Guarded level crossing

Level-crossing with gatekeeper's house, for all straight and curved model tracks.

Epoch II • 150 × 145 × 32 mm

120125 Overhead signal tower

A structure spanning two tracks. Catenary operation is possible.

Epoch III • 179 × 168 × 160 mm • Clearance: 88 mm (without track) • Clearance width: 107 mm





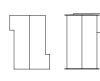
This signal tower was built in 1886 in the area of the Constance railway station. The original installation on stilts above a transit rails as well as panorama glazing are due to the fact that a good view of the rail system for the entire station area had to be ensured. Today, the original signal tower in its original colours is located in Blumberg in the area of the »Sauschwänzle-Museumsbahn«. This signal tower is versatile and space-saving as it is installed across a rail.

Epoch I • 197 × 82 × 114 mm • Clearance: 58 mm

39



»Calw Süd« Signal tower with goods shed



Signal tower in imitation of the original »Signal tower I« of 1889 classified as a historical monument and now located in the Railway Museum in Calw, which is the oldest preserved interlocking and signal tower of the former Royal Wurtembergian State Railways. The kit is complemented with a matching goods shed with masonry timbered framework and ornamented board gables.

Epoch III • Signal tower: 132 × 86 × 103 mm • Goods shed: 128 × 93 × 62 mm

Electronic Signal Tower ESTW

Present-day version of the tower controlling the position of signals, points and track locks through electronic channels. It is gradually taking the place of mechanical signal towers. Clinker-built construction with the associated antenna masts ensuring the transmission of signals, and a decoration sheet.

120216

Electronic Signal Tower ESTW

Design identical with that of model art. 120215. The decoration sheet additionally contains multicolour graffiti.

Epoch VI • Signal tower: $119 \times 40 \times 38$ mm • Radio mast: $10 \times 10 \times 233$ mm

Epoch VI • Patinated model •

Radio mast: 10 × 10 × 233 mm

Signal tower: 119 × 40 × 38 mm •



Electronic signal towers ESTW

are gradually replacing conventional mechanical signal towers. These are railway installations in which points, signals, track locks and other moving devices are positioned by means of electric actuators. Signals are exclusively light signals. Outdoor devices are placed at a maximum distance of 6.5 km. High antenna mast transmit the commands.



»Mittelstadt« Signal tower

This half-timbered building has an outside staircase and interior details on the second floor.

Epoch I • 83 × 62 × 101 mm



120121

Signal tower

Brickwork construction, slating and half-timbered construction in the upper region of the signal tower.

Epoch III • $130 \times 80 \times 120 \text{ mm}$



120114 »Dahlbaucon*"*

»Dahlhausen« Signal tower

Miniature of a Prussian switch tower on stilts with corrugated sheet covering and inner furnishings from the collection of the Bochum Railway Museum. The stilt construction reduces the amount of space required to a minimum.

Epoch II • Lasercut model • 125 × 48 × 105 mm • Clearance: 80 mm (without track)



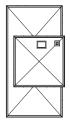
150944 Signal tower staff New Item 2018



120118 Signal tower interior equipment For furnishing signal-tower rooms with typical devices. Epoch I



»Ahlhorn« Signal tower



Rectangular mechanical signal tower with built-in water tower in the middle, four-storey building in the architectural style of the New Objectivity. That clinker brick construction with flat roof built by the Oldenburg direction of the former German Railways in 1931/32 accommodated the room for wire strainers on the ground floor and the switch room on the bright, largely glazed first floor of both aisles. Above another room on the 2nd floor there was the water reservoir that is still existing today with its capacity of 50 m³.

Epoch II • New Item 2018 • Patinated model • 166 × 87 × 172 mm

Railway line jewel in »Ahlhorn«

The signal tower building with water tower Ahlhorn-South (As), entirely classified as a historical monument since 1996, is located in the borough of Großenkneten in Lower Saxony, on the former Oldenburg south line.

Late in 2008, in conformity with the law for the protection of ancient monuments, the DB Netz AG applied for the authorization to demolish the signal tower that had been out of operation since 1991. Vandalism had done its share. However, the authorities responsible for the protection of ancient monuments in the Oldenburg district were not convinced. They thought that it would be worthwhile preserving that building, saying that it was historically valuable and very particular in the existing combination. After a comprehensive architectural analysis an exploitation project was worked out together with the foundation Cultural treasure Farm and the Oldenburg District. The Deutsche Bahn agreed to the project. A non-profit making »Association for the preservation, renovation and exploitation of the historical monument Signal Tower Building As in Ahlhorn, Borough of Großenkneten e. V.« was founded. After that a redevelopment plan was drawn up in consultation with the authorities mentioned above, and the required funds gathered. In 2015 redevelopment work could begin, at last. The project was promoted by a multitude





Views before and after the renovation © Signal tower, old: Peter Nieslony, 2008. Signal tower, new: Wolfgang Trumpf, 2016

of renowned public and private sponsors as well as by the Deutsche Bahn itself and the German foundation Preservation of Ancient Monuments, which even awarded a prize in 2016 to the outstanding promotion project in Lower Saxony, which in its turn received great attention all over the Federal Republic.

Today the renovated signal tower building is used as the administrative seat for the Monument Office which on its part supports the owners of ancient monuments in multifarious ways in the preservation of their properties. To this end, they installed a conference room in the former room for wire strainers on the ground floor, the offices on the 1st floor, and the archives of the Monument Office on the 2nd floor.

When casting a retrospective glance at the project, all participants in the preservation of the building are all proud of having ventured to project the redevelopment with a view to save the jewel from the demolition and to preserve it for the future generations.

Further information: www.monumentendienst.de



Switch heating units with accessories

Set of four gas-operated switch heating units, comprised of heating cartridges, gas cylinders and railings, local line phone, switch box, hectometre posts, a signal horn and other decoration parts all around the track.

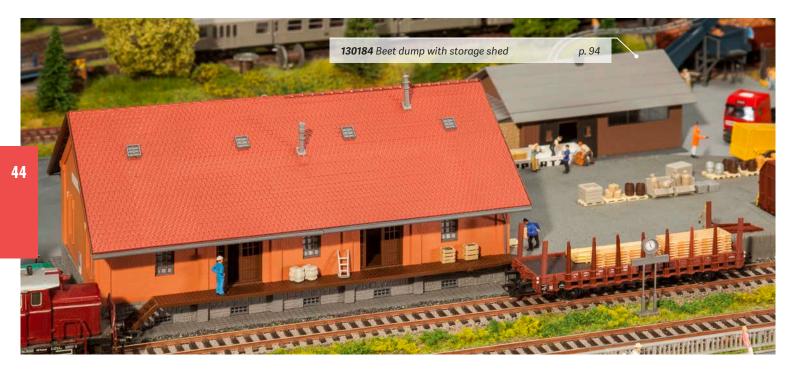


180664 Thermit welding

Use our LED set to dramatically illuminate the seamless joining of rail bonds using thermit welding. **Epoch IV** ≡HO

43

Epoch III • New Item 2018



Loading hall with end platform

Spacious industrial hall with stone pedestal, rendered facade and lateral roofed loading platforms. The storage areas outdoors can be enlarged using a flat yard supplied with an access ramp.

Epoch III • Warehouse: 240 × 160 × 120 mm • End-loading ramp: $315 \times 176 \times 17$ mm

120248

Goods shed

Wooden construction, with sliding gates and foundation made of natural stone masonry.

Epoch II • Patinated model • 205 × 162 × 102 mm



180588

Assorted goods

Wooden cases, sacks, barrels, machines and sack barrow – a plentiful variety for many purposes. **Epoch IV**





Store shed

Store shed with built-on loading crane and canopy. To be used on railway premises or, e.g., as a repair materials store.

Epoch I • 222 × 140 × 71 mm

120154 Goods depot

Goods depot as it can be found in the country with wooden lagging, loading rack and canopy.

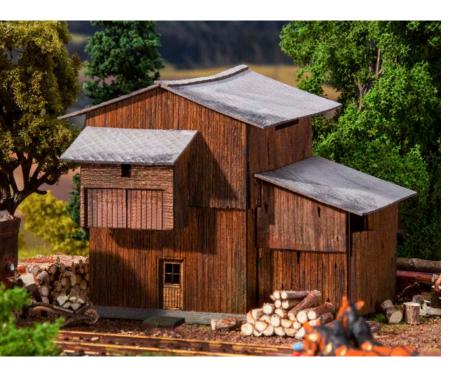


Epoch I • 209 × 82 × 90 mm





180612 60 Palettes Epoch III • 14 × 9 × 2 mm



¹²⁰²⁷⁰ »Murtal« Timber storage shed

For the treatment of engines. Closed wooden hut with irregular planking and adjoining shed for the dry storage of kindling. All lateral walls of the model are made of real timber.

Epoch I • Lasercut model • 102 × 92 × 81 mm



Train washing system

For the depot station and repair shop! That mechanical train and tram washing system ensuring the outside cleaning of your rail vehicles saves the washing with scrubbing brush and water hose. During the passage some columns perform the prewashing and rinse while various lateral stationary pairs of rolls ensure the cleaning. The framework structure supplied allows installation in the outdoors. Model without function.

Epoch V • Patinated model • 516 × 63 × 77 mm

120276

Small wagon turntable with servo drive

Laser-cut model of a manually operated turntable with wooden casing and two exits for the distribution of wagons at small depots or factory installations with freight service. It is driven by the included servomechanism. The building kit also contains inserts for Märklin K tracks, 2-conductor rails and the tracks H0m and H0e.

Required track length: 90 mm. Use our new servo (art. 180725) as the drive.

Epoch II • Lasercut model • incl. servo • ø 110 × 24 mm





Segment turntable with servo



Small turntable with a branch angle up to 37.5 degrees for saving space when using locomotives for example in narrow end stations. The combination of plastic and natural material brings together mechanical precision with an appealing look: The track pieces and platform for hand operation are made from real wood. Rail sections with a length of 171.5 mm as well as a powerful servo are included with the track switch. Connection is through servo control, item 180725. Also suitable for Märklin neutral conductors.

Epoch II • incl. servo • 179 × 154 × 17,5 mm • Depth: 53 mm



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»Naumburg« Tram depot

Laser-cut model according to the original depot, classified as a historical monument, of the tramway company in Naumburg. That rectangular building erected in 1840 to serve as a riding hall and converted in 1892 into the present two-stall tram depot features a stone plinth all around, sash bar windows, a half-timbered gable and grey double pitch roof, and is considered to be the oldest tram depot in operation.

Epoch III - New Item 2018 - Lasercut model - Movable model - 328 × 164 × 125 mm - Length over buffers: 310 mm

120235

DB-administration building

Two-story federal railway administration building in clinker construction, outside wall, bike stand with bikes and floor plate with parking areas.

Epoch I • Patinated model • 238 × 139 × 135 mm





»Filisur« Engine shed

Laser-cut model of a one-stall engine shed with large sash bar windows and double pitch roof similar to the original located in the Swiss Filisur station along the Rhaetian Railway Line. The walls of the model are made of real tinged timber. For engines up to 260 mm length over buffers. To age the roof of laser-cut models simply use »Pigments Patina-set«, Art. 170695.

Epoch II • Lasercut model • 283 × 86 × 71 mm



120280 Light railway engine shed

For light railway steam engines. Brick shed with windows, rectangular gates, double pitch roof and roof vent as well as some accessories such as a separate board shed and various implements to clean and purify your light railway engines. For engines up to 65 mm length over buffers.

Epoch III • Patinated model • Engine shed: $94 \times 59 \times 75$ mm • Outbuilding: $65 \times 47 \times 375$ mm • Length over buffers: 65 mm

120159

Locomotive shed/engine workshop

Space for vehicles up to 250 mm length over buffers. The chimney of the workshop outbuilding is ready for using a smoke generator (Seuthe no. 7). A particularly important feature of this model is the pass-through option, as both end walls feature large doors. The modular construction allows for variable configurations. Multiple buildings may also be constructed side by side.

Epoch I • 266 × 150 × 275 mm • Gate overhead clearance: 68 mm







Two-stall engine shed

Bricks-and-mortar-built, with 2 shelters for locomotives up to 270 mm length over buffer. The gates are automatically closed by the arriving locomotives and again opened when departing. Catenary operation possible.

Epoch I • 365 × 195 × 130 mm • Track centre clearance: 80 mm



120161 Engine house, 2 stalls

Engine house with 2 shelters for locomotives up to 190 mm length over buffer. The gates can be opened and closed manually.

Epoch II • 305 × 164 × 138 mm • Space between centre of tracks: 63 mm • Clearance of doors: 65 mm







120176 3-Stall roundhouse

This annex can be used separately or for the roundhouse. In the event of a direct entry via the turntable, engines with a length of 290 mm over buffers can be housed in the first stall and engines up to the length over buffers of 220 mm can be put in the other two stalls. Junction track angle: 15°. Only every second exit of the turntable can be used with 7.5°.

Epoch I - Movable model - 340 \times 420 \times 120 mm



3-Stall engine roundhouse (long type)

As a separate engine house or together with roundhouse art. 120176. For engines with up to 290 mm length over buffers. The most common turntables of Märklin, Fleischmann and Roco can be used. Junction track angle: 15°. Only every second exit of the turntable can be used with 7.5°.

Epoch I • Movable model • 324 × 440 × 120 mm



120139

Compressor house, pipe blow frame, poker stand

The construction kit contains a compressor house with attachments and accessories, a stationary pipe-blasting frame and a coal rake rack with the respective hand apparatus for cleaning and removing slag from the steam engine.

Epoch II • Compressor housing: 90 × 75 × 70 mm • Pipe blasting frame and coal rake rack: 70 × 35 × 50 mm



Roundhouse with drive components

Three-platform, expandable engine shed with 7.5 degree partitioning with ridge turrets and large side and rear windows for the locomotives in your collection with up to 290 mm overall length. Servo drive components for all gates, as well as numerous accessories such as spindle lifting jacks, engineer waiting shelter and transformer station are included in the kit.

Epoch II • Patinated model • Movable model • Engine shed: $378 \times 322 \times 125$ mm • Engineer waiting hall: $41 \times 38 \times 38$ mm • Transformer station: $51,5 \times 34 \times 38$ mm • Spindle lifting jack: $88 \times 20 \times 40$ mm (2 x)



120278 Spindle lifting jacks

Lifting jacks with supports for the maintenance and repair of rail vehicles at the wagon depot. Optionally equipped for the illustration of the operation with a motor or with a hand-operated crank (non-functional model).

Epoch II • 88 × 20 × 40 mm (2 x)



Electric engine shed, three tracks

An open, transparent glass construction, with three stalls, suitable for engines up to 310 mm length over buffers. The doors can slowly open and close by building in a drive unit (art. 180624, 12-16 V AC/DC voltage). Mechanical parts attached. Suitable for use with a traverser and all sorts of tracks. Catenary operation possible. Several models can be juxtaposed.

Epoch VI • Patinated model • Movable model • 360 × 251 × 118 mm • Door width: 53 mm • Clearance of doors: 80 mm • Space between centre of tracks: 77,5 mm



120136 2 Inspection pits

2 Inspection pits, each 172 mm long, with rails moulded on (same as base plate of art. 120149).

Epoch II • 172 × 57 × 16 mm



120229 Trackside accessories

Because of love for the details. Various decorative elements around the track area, such as electric train pre-heating equipment for the temperature control of locomotives and wagons, loading gauges, cable pull guides for point machines, hectometre stones, two manufactured buffer stops made by means of a laser cut process (standard and industrial), as well as a signal telephone with small shelter-house.

Epoch II • Patinated model • Lasercut model



Coaling station

Prototypical coaling facility complete with concrete blockhouse, two coal conveyors (170 mm each), gantry crane and a bag of »coal« as realistic decor.

The crane cabin and boom can be turned by 360° with the FALLER motor (art. 180629, not included). The crane can be manually moved along the 340 mm mock track. The design of the concrete blockhouse complies with the Deutsche Bahn uniform concrete blockhouse. The gantry crane is also sold separately (art. 120162).



Epoch II • 340 × 274 × 245 mm • Movable model • Clearance: 66,5 mm • Gate frame overhead clearance: 73,5 mm • Parallel track clearance for overhead hopper: 67,4 mm



Small coaling station

With manually movable loading crane and tender. For small service areas.

Epoch I • 210 × 80 × 130 mm

120147

Coaling station

In the old style with manually pivoting crane and two coal tubs (German: »Hunten«).

Epoch I • 207 × 80 × 110 mm



120222 Small coal handling system

Laser-cut model of simple coal handling and loading platform as a supplement to the provisions of the small and secondary railways. Using ladders with the help of wicker baskets, the fuel material is tipped by hand into the tender. The coal is included in the kit accessories.

Epoch II • Lasercut model • Barn: 58 \times 27 \times 18 mm \bullet Loading platform: 86 \times 19 \times 35 mm



120220

Lift for loading steam engines with coal in the service area. Motor frame attached. Without function.

Epoch I • Patinated model • 90 × 40 × 132 mm

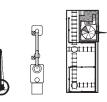


180916

2 Trolleys und 2 mining carts for H0e Epoch I



Small Bw-set with servo drive



Bw-set consisting of movable loading crane, two heatable, hinged water standpipe cranes with flexible end flanges and water outlets, as well as small-scale coal handling with coal trams and stationary, movable crane. The modelling kit contains drive components for all three motors, as well as a servo. Simultaneous operation of the models possible with the addition of a servo.

Epoch II • Patinated model • incl. servo • Coal handling: 207 × 80 × 110 mm • Loading crane: Ø 26 × 83 mm • Water crane: 78 × 15 × 70 mm (2 x)

120138 Sanding tower

Faithful reproduction of a filigree steel structure, with vertical storage container. To build interesting combinations with another sanding tower, a bridge gangway is part of the kit (as 120146).

Epoch II • 37 × 37 × 134 mm





120284 Double sanding tower

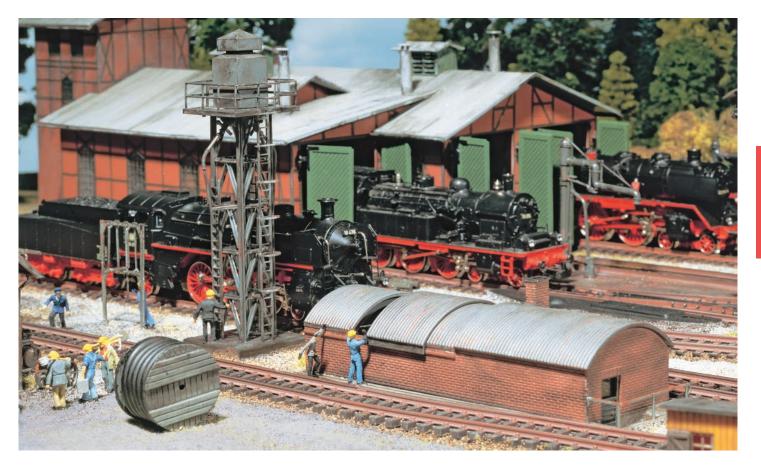
Two steel towers linked with each other through a platform and featuring cross girders and ladders to ensure the filling of engines with brake sand.

Epoch II • 105 × 38 × 135 mm

180959 Wooden crate Epoch III • New Item 2018 • 51 x 27 x 24 mm



180915 2 Pallet jacks Epoch III



Sand house

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A model set for the steam depot. Sanding tower with high-level tank (like art. 120138), sand house with slidable roof for loading and a bag of »sand« for realistic decoration.

Epoch II • Sand house: $155 \times 55 \times 32$ mm • Sand tower: $37 \times 37 \times 134$ mm



120141 Trackside accessories Cable drums, buffers, telephone cabins,

sleeper stacks, water spout, etc.

Epoch II



Transport boxes and cable rolls

Quite common when working on the railways. A beautiful design element, consisting of 4 transport boxes and 4 cable rolls. Material: wood.

Epoch II • Lasercut model



Handling facility with servo drive



The model depicts the dismantling of a steam locomotive. Combustion residue is directly removed in a tram in the culm pit and the tub is subsequently hoisted upward with an inclined lift, tipped out and emptied into a waiting slag car. The kit is equipped with drive components, as well as a servo for the hoisting and lowering movements of the slag tram.

Epoch II • Patinated model • incl. servo • 171 × 100 × 151 mm



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120232

Steam crane

Lasercut model of a slewing crane according to a historic model used for the shunting as well as the loading and unloading of goods wagons. Versatile use on tracks in railway repair shops or for the handling of freight in industry or harbour scenes. Includes the driving parts allowing to retrofit the kit with a servo, and a set of rails as well.

Epoch I • Lasercut model • Movable model • Steam crane: 111 × 31 × 53 mm • Track: 170 × 34 × 3 mm • Depth: 42 mm

120129

Loading crane

This small, rotating loading crane can be installed wherever goods must be handled. Without raising or lowering function.

Epoch I • Ø 26 × 83 mm



120162 Gantry crane

The large gantry crane fits in all areas in which cranes are used: ports, industry, railways etc. The crane can be equipped with a load hook, spade lug or logging tongs. With the FALLER motor (art. 180629, not included) the driver's cabin can be turned 360° with the arm.

The crane can be manually moved on the 340 mm long track dummy.

The crane is identical to the crane in coaling station kit (art. 120148).

Epoch II • 340 × 58 × 245 mm • Movable model • Gate frame overhead clearance: 74 mm

120164

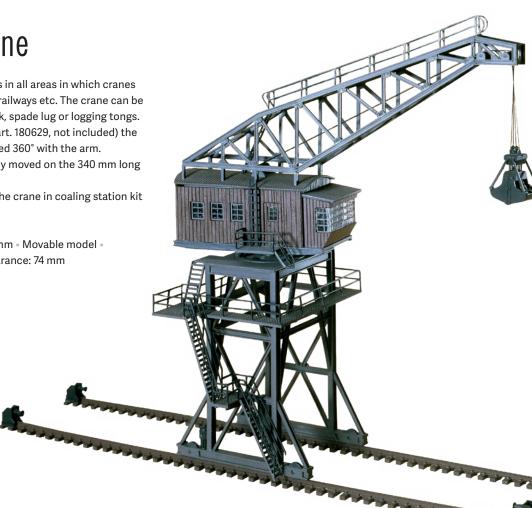
Gantry crane

This very typical railway model can not only be used in depots, but wherever something has to be lifted and loaded.

A gantry crane can be built with the parts of this construction kit which spans over two or three tracks.

Epoch I • 137 × 30 × 100 mm • Clearance: 80 mm





■H0

Cinder removing facility with gantry crane

Kit includes a gantry crane, 2 heated swivel water spouts (DB NW 200), 2 slag hoppers, 1 ground plate (344 mm) with slag pit, rolling slag carriage, and bucket. Above the slag pit the ground plate is provided with two driving rails. It can be connected to all types of tracks, even those with middle conductor, except Märklin's C track.

Epoch II = 344 × 147 × 102 mm = Parallel track distance: 67 mm

120127

Gantry crane

Timber construction as it is sometimes still used at small railway stations.

Epoch I • 130 × 56 × 106 mm • Clearance: 70 mm



2 Swivel water spouts

These delicate swivel water spouts with rotary upper parts feature an external heating system. 2 gully grates are also included.





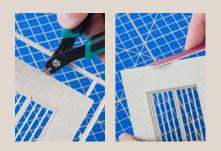
Know-how

Glueing properly:

There is nothing to it. However, a few details should be observed when building models and glueing small parts to achieve good results.

First accurately separate the parts to be assembled from the injected feed system. It is best to use the special side cutter (art. 170688). Properly hold the cutter and pinch off with the straight side against the part. Cautiously remove any residues of burrs using a sharp modeller's knife (art. 170867) or an abrasive file (art. 170689). When glueing, basically use as little adhesive as is really required. Less often is more.

For rather large areas, roofs for instance, we recommend our EXPERT adhesive (art. 170492). For spot glueing, for small and filigree parts requiring short drying time, please use the SUPER EXPERT adhesive (art. 170490).





»Haltingen« Water tower

A beautiful old water tower with spherical container and filigree steel girder construction. Shack as entrance to the pumping station, well cover and vent pipes are included.

Constructed in 1908, the prototype with its 500 m³ container stands at Haltingen near the Swiss border.

Epoch II • Ø 99 • H: 235 mm • 89 × 47 × 41 mm



»Bielefeld« Water tower

Water tower from Bielefeld with masonry entrance area, clinker tower and spherical water holder. Such water towers are not only used in the service area, but also for the water supply of towns.

Epoch II • $91 \times 90 \times 245 \text{ mm}$



62



Diesel fuel facility



The filigree oil spout with jib and operator's stand is used, in this service area, to tank up diesel engines and steam engines powered by diesel fuel. The facility consists of 2 flat-bottom diesel tanks and an upright fuel oil tank. Several tanks can be juxtaposed by using the stairs, catwalk and railings included.

Epoch III • 220 × 110 × 105 mm



120145 Diesel oil facility

The petrol station with 2 fuel tanks is intended for model layouts on which diesel locomotives also run.

Epoch III • 105 × 35 × 65 mm



120196

German railways service station

Modern standard railway service station with oil tank, pump, switchgear, floor section and service building. For versatile use on railway premises.

Epoch V • 201 × 94 × 39 mm



HO TRADE, BUSINESS, INDUSTRY







»Goldbeck« Industry hall

Start of FALLER's new building-block system. Individually configurable and expandable model of a production, carrier or storage hall according to originals erected by building contractors »GOLDBECK«. All parts forming the basic hall such as steel structure and supports, wall and roof elements, strips of windows and rooflights, rolling shutter doors which can be fixed in the open or closed position, and the travelling trolley within the hall can be arranged at will and complemented with other compatible elements of the series. Through traffic possible by Car System and Car System Digital.

Epoch VI • New Item 2018 • 253 × 153 × 124 mm





180922

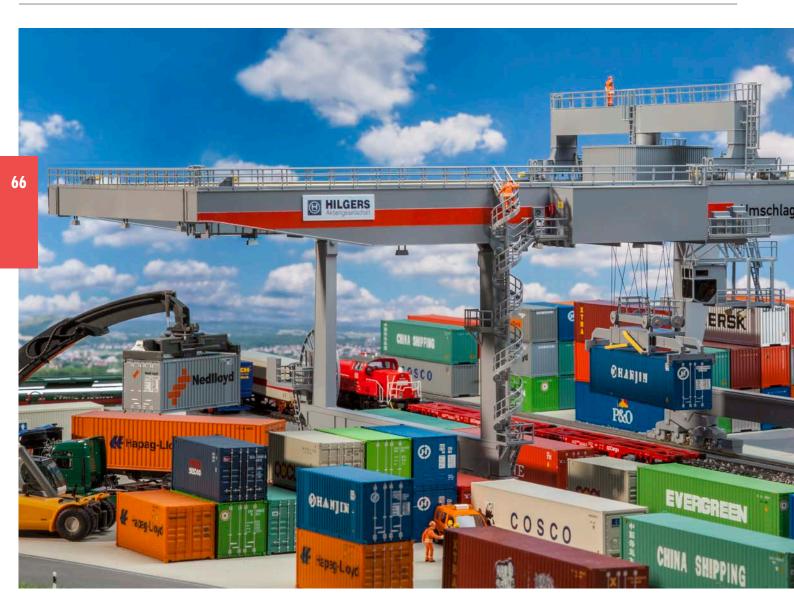
Fire ladder and railing Epoch IV • Height: 106 mm

180343 Refuse container set

Set comprised of eight large refuse and recyclable material containers made of plastic of various colours, with four wheels and a rounded sliding cover.



180908 2 Tipping troughs Epoch III



120290 Container bridge-crane

Intermodal centre of activity. Transshipment station ensuring container traffic according to the original DUSS terminal of DSD HILGERS company on the Basle/Weil-on-the-Rhine site.



Comprised of a track-bound gantry crane transversally handling unit load devices along the transshipment tracks, dead-end sidings and extensive storage areas as well as a gantry-like crane jib with control cabin, trolley and telescopic grappler spreader that, like lifting slings, seizes the loads to be transshipped, such as e.g. containers and interchangeable bodies, and places them in the targeted position. Suitable for the representation of handling

processes on railway terminals and in fluvial ports with consignments which can arrive by road, too. Framework can be built with diverse length. Model without drive. Drive kit including motors and control device available separately.

Epoch IV • New Item 2018 • Movable model • 654 × 353 × 268 mm • Rail length: 600 mm

New Item 2018

















Single, aligned, or piled up

Storage and transport logistics makes use of ISO containers as efficient receptacles for goods and products, to span the distances between production works, warehouse stores and delivery places. In combined traffic by rail, by road and by sea containers quickly and easily change the carrier vehicle.

In FALLER range of products you will find sturdy miniature containers for the H0 and N gauges with the most varied volumes, paints and inscriptions.

20 and 40 foot - stackable!

Standard steel containers available separately, with different loading capacity, paints and inscriptions, allowing the quick and easy transshipment and transport of goods by rail, on lorries or on ship. When stored piled up on each other these sturdy large containers impressively put stations and terminals into the limelight as points of intersection in the international goods traffic.



180826 20' Container »Hapag-Lloyd« Epoch V • 69,5 × 28 × 30 mm



180827 20' Container »Nedlloyd« Epoch V = 69,5 × 28 × 30 mm



180828 20' Container »CHINA SHIPPING« Epoch V = 69,5 × 28 × 30 mm



180829 20' Container »K-LINE« Epoch V = 69,5 × 28 × 30 mm



180820 20' Container »MAERSK« Epoch V = 69,5 × 28 × 30 mm



180821 20' Container »EVERGREEN« Epoch V • 69,5 × 28 × 30 mm



180822 20' Container »HAMBURG SÜD« Epoch V • 69,5 × 28 × 30 mm



180823 20' Container »MAERSK SEALAND« Epoch V = 69,5 × 28 × 30 mm



180824 20' Container »P&O Nedlloyd« Epoch V = 69,5 × 28 × 30 mm



180825 20' Container »HANJIN« $\textbf{Epoch V} \bullet 69,5 \times 28 \times 30 \; mm$



180830 20' Container »CP Ships« $\textbf{Epoch V} \bullet 69,5 \times 28 \times 30 \ mm$



180832 20' Tank container »SEACO« **Epoch V** • 69,5 × 28 × 30 mm



180834 20' Container »TRITON«

180835 20' Container »SEACO« **Epoch V** • 69,5 × 28 × 30 mm **Epoch V** • 69,5 × 28 × 30 mm



180846 40' Hi-Cube Container »EVERGREEN« **Epoch V** • $140 \times 28 \times 33 \text{ mm}$



180847 40' Hi-cube cool container 'MAERSK' Epoch V • 140 \times 28 \times 33 mm



180848 40' Hi-Cube Container »K-LINE« Epoch V • 140 \times 28 \times 33 mm



MAERSK

180849 40' Hi-Cube Container »HYUNDAI« **Epoch V** • 140 × 28 × 33 mm

180840 40' Hi-Cube Container »MAERSK« **Epoch V** • 140 × 28 × 33 mm



69

≡H0



180841 40' Hi-Cube Container »Hapag Lloyd« Epoch V = 140 × 28 × 33 mm



180842 40' Hi-Cube Container »HANJIN« Epoch V = 140 × 28 × 33 mm



180843 40' Hi-Cube Container »P&O« Epoch V = 140 × 28 × 33 mm



180844 40' Container »CHINA SHIPPING« Epoch V • 140 × 28 × 33 mm



180845 40' Container »COSCO« Epoch V • 140 × 28 × 30 mm



180850 40' High-Cube Container »XTRA« Epoch V = 140 × 28 × 33 mm



180851 40' Hi-Cube Refrigerator Container »COSCO« Epoch V = 140 × 28 × 33 mm



161598 Lorry Scania R 13 TL »Sea container« (HERPA) The models includes a crane console so that a matching loading crane can be mounted later.



Building site container

Portable building site equipment. Set comprised of two stackable profiled sheet steel containers joined through an outside stairway, with windows and air conditioning. Multiple uses as building site office, accomodation or for weather-sheltered storage of material.

Epoch V • New Item 2018 • 70 × 28 × 33 mm (2 x)



130130 Snack bar

Modular building set comprised of two rectangular profiled sheet steel containers with doors, windows, air conditioning, switch box and outlet pipe. Colours pleasantly set off the corners and the peripheral framework provided with lettering.

Epoch V • New Item 2018 • 76 × 60 × 34 mm

130132

Office container



Portable room. Equipment set comprised of two profiled sheet steel containers of different size with outside doors, windows and air conditioning. Colours favourably set off the framework structure. Multiple uses as office or accomodation containers.

Epoch V • New Item 2018 • Container 1: 70 × 28 × 33 mm • Container 2: 35 × 28 × 33 mm

130131

Sanitary container

Quickly installing portable toilet rooms in varying places. Rectangular profiled sheet steel container with reinforced corners and separate lavatories for ladies and gents.

Epoch V • New Item 2018 • Container 1: 70 × 28 × 33 mm • Container 2: 35 × 28 × 33 mm





130186 Shredder

Sorted, separated, shredded. Facility allowing to crush and tear to pieces any metal-containing scrap using rotor mills. Various band conveyors and containers contribute to the different process steps of waste treatment, such as for example the pre-sorting, sifting, material separation, exhaust air treatment, compaction or crushing.

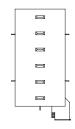
Epoch IV • 180 × 150 × 62 mm







130785 »UPS« Logistics hall



Efficient. Generous transport and storage capacities are offered by this single-storey hall construction with strips of windows, annexed office and flat roof covered with gravel of the »United Parcel Service of America, Inc.« offering Courier, Express and Parcel service. The smooth flow of arriving and leaving goods is ensured by 19 loading/unloading platforms fitted with rolling shutter doors, while up to 10 of them can be fixed in the open position.

Epoch V • New Item 2018 • 376 × 200 × 91 mm



150941 »UPS« Logistics staff New Item 2018

151071 »DHL« Transport workers



151033 Driver, transport worker



High rack warehouse

K·N·O L

Innovative logistics! Multiple-aisle high-bay warehouse block for the fully automated handling of goods under optimum use of space. Stock receipt and stock issue are carried out through loading platforms and gates provided along the blue steel building featuring trapezoidal corrugations, daylight lighting strips and outside stairs in the front. To extend the storage surface area several models can be juxtaposed or built side by side.

Epoch V = 345 \times 132 \times 154 mm

130986 »Dachser« Logistics center

See our model of the modern, one-story storage, transshipment and administration center of German logistics company »Dachser«. The closed building block features a graveled flat roof and 19 roller shutters for incoming and outgoing goods. Light enters the building through skylights and the framing ribbon glazing.





130981 »DHL« Logistic Centre

Modern freight hall built for DHL, fitted with 19 rolling shutter doors at the loading platforms and an adjoining office wing. Several models can be juxtaposed or built side by side. The current Car System line offers the suitable DHL vehicles.

Epoch IV = 372 \times 185 \times 130 mm

130166 Small storage hall

Printed light-coloured storage hall made of trapezoidal corrugated sheet steel with rows of vertical windows at the rear and three gates on ramp level to allow the handling of merchandise. Expandable in length by building several models side by side.





120252

Barracks

Building labour barracks with tarred cardboard roof as can be seen on various building sites, also used in small scale antiquated enterprises in the 50s. Several models can be juxtaposed.

Epoch III • Patinated model • 150 × 72 × 52 mm



130462

Kiosk

Everybody knows the bar, sausage, tobacco and candy shops as they used to be in every city district.

Epoch III • 70 × 40 × 50 mm



130947

Wooden hut

A wooden worker's shanty with gangplank, veranda, shutters and tarred cardboard roof. Versatile use on construction sites, in the station area or industrial sites.

Epoch II • Patinated model • 111 × 72 × 53 mm



120251

Store shed

A wooden shed with flat roof, opened and closed shelters to accommodate vehicles and utensils. Multiple uses. Several models can be juxtaposed.

Epoch II • Patinated model • 188 × 92 × 44 mm



Car wash



Spick-and-span. Industrial flat building with kiosk and a glazed gantry car wash with rotating brushes ensuring automatic washing. The self-service area provides two wash boxes with high-pressure cleaners and three vacuum cleaner stations for the cleaning of vehicle interiors. Access signs with arrows show the direction to follow. Model without function.

Epoch IV • New Item 2018 • Car wash: 163 × 67 × 48 mm • Log storage place: 152 × 64 × 60 mm



130345

Petrol station with service bay

A petrol station which consists of a row of petrol pumps in a covered area and a free-standing repair shop with cash office and office space. Equipped with many useful accessories. Decal sheets of various petroleum companies included. An expansion of the model with item 130346 »Covered petrol pumps« is possible.

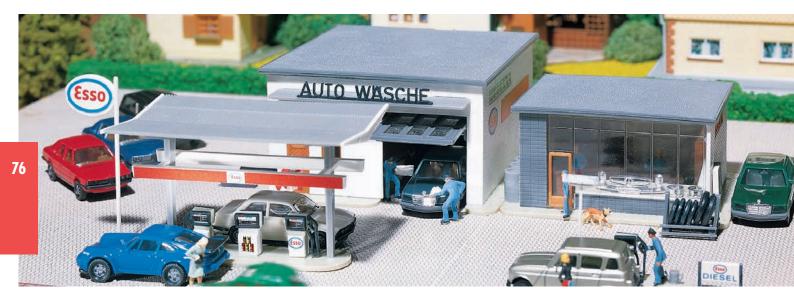
Epoch III • Petrol station: 158 × 96 × 63 mm • Petrol pumps: 123 × 63 × 55 mm



130346 Covered petrol pumps

Complete with accessories such as brand sign, price indicators, tyre pressure gauge, watering can, etc. The row of petrol pumps is located under a weather protected roof. Decal sheets of various petroleum companies included. Can be used and extended with the service bay (art. 130145).

Epoch IV • 123 × 63 × 55 mm



Filling station and car wash

Next to the pumps and cashier's kiosk is a car wash with 2 moving doors.

Epoch III • Petrol station: 100 × 95 × 49 mm • Car wash: 85 × 65 × 39 mm • Petrol pumps: 84 × 45 × 50 mm

130347 BP petrol station

BP petrol station in the architectural style of the fifties – with rounded petrol pump roofing, cashier's office.

Epoch II • 192 × 141 × 64 mm





130948

Oil tank

Surface supply tank with petrol pump and filling hose. Now, every small company can provide its vehicles with diesel oil.

Stickers from various oil companies are included.

Epoch III • $96 \times 43 \times 42 \text{ mm}$





130482 ARAL filling station

Present-day filling station comprised of a large covered petrol-pump area with a fully fitted-up shop and a separate service area for cleaning/air/water. Provided with typical equipment and decoration parts. Best lighting of shop room and covered area using the LEDs of art. 180648. It is possible to have Car System vehicles (cars, buses, lorries) drive through the filling station by purchasing the technical elements in accordance.

Epoch VI • 357 × 195 × 90 mm



180565

Shop's interior equipment

Package contains various equipment pieces such as shelves of different types and sizes, decoration signs and various small devices allowing to furnish shopping centres or small shops. Room lighting by means of LEDs (5 pieces) included. Multiple uses.

Epoch IV



151070 Service station personnel



150926 Washing system staff



151010 **Filling station personnel**



130485 ARAL tank farm

ARAL fuel depot complex encompassing 3 cylindrical fuel tanks with different capacities, partly connected via stairways and platforms. Transport options via the pipe system. With office container for control technology.

Epoch V • Doublesilo: 285 × 130 × 170 mm • Tank: 134 × 128 × 105 mm • Booth: 86 × 40 × 32 mm



130487 Pipeline and filling plant

Filling plant, pipes and steel pipeline bridge for transferring gaseous or liquid goods on your plant site. Various pipe diameters: 20, 30 und 40 mm.

Epoch III • Patinated model • 300 × 60 × 83 mm

130486 ARAL tank farm

Small ARAL tank complex with two horizontal and three upright tanks, accessible via stairs and walkways. Pipes transport goods. With filling station and a small wooden hut.

Epoch V •

Building: 63 × 23 × 28 mm • Booth: 43 × 27 × 30 mm • Tank, flat: 150 × 107 × 56 mm • Tank, upright: 51,5 × 43 × 105 mm (2 x) • Tank: 68 × 50 × 57 mm



a fin

79

130175 Chemical plant

Megaplant in miniature. Production facility in the chemical industry, with large tank and reactor in which the raw material is made to react to generate a mixture of products that are then separated in a column at different boiling points. Gases and vaporized liquids are made to condense via heat exchangers and are delivered in tanks for storage that serve as collecting basins. Arrangement and operation of the other required machines, pumps, air coolers or compressors takes place in the separate multi-storey steel structure of apparatuses accessible via stairs and ladders. The kit is expandable using various modules, e.g. »Column with conduits«, Art. 130177.

Epoch IV • 310 × 290 × 230 mm



130176 Gasholder

Industrial monument! Overground container to store combustible gases, with steel scaffolding, three practicable passages all around the structure and a large dial gauge on the outer wall to display the level.

Epoch II • 160 × 160 × 180 mm



130177 Column with conduits

To separate mixtures of substances in chemical process technology. Industrial column in its typical cylindrical form with two platforms, ladders, lamp and conduits of pipes that allow to draw the mixtures decomposed in tops and bottom products. To represent the isolation of three or more components the model can be expanded by adding and combining further modules such as Art. 180330, Industrial storage tank.

Epoch IV • 90 × 72 × 223 mm

* * * * *

150929 Staff in the chemical industry



150920 Factory workers

180331 Set of conduits

Combination of connecting pipes and tubular components of different types in length and outside diameter that can be combined to form any possible assembly to lay pipings in the most varied fields of application.

Epoch IV ▪ Ø 2 mm, Ø 3 mm, Ø 4 mm, Ø 5,5 mm, Ø 10 mm



180330 Industrial storage tank

Practicable vertical cylindrical tank to store liquids or gases, provided with stirring machine, conduits of pipes and ladders. Can be used e.g. for the representation of the thematic sectors foodstuff, beverage or chemical industry.

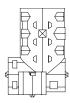








Central Fire Station



Large two-storey fire station in imitation of the Fire Station West in Nuremberg, consisting of a transverse hipped roof building with hose drying tower made of masonry timber framework, and an adjoining longitudinal vehicle aisle with dormers and louver turret. The window jambs and angle ashlar made of sandstone contribute to the overall ornamentation of the building. The interior with parking places for the fire-fighting vehicles is closed by means of eight semicircular arched gates with swivelling wings.

Epoch I • 299 × 202 × 287 mm



130160 Modern fire station

Be heart and soul. Signal-red fire station similar to the original built in Oberndorf on the Neckar, comprised of a two-storey front building with administrative and social rooms as well as an adjacent hall with four parking spaces for fire engines, and for use as workshop or washing hall.

A striking administrative wing: in that horizontal bloc with roofed terrace and modern strips of windows, the glazed building corner with folded concrete stairs at the entrance to the radio control station creates an animated play of light and shade.

A transparent vehicle hall: in the second flat-roof construction where the heavy fire engines turn out and return everyday, the glazed multiple-leave folding doors without transom let daylight generously penetrate into the halls. Openings of gates on the

front and rear sides allow the use of FALLER Car System.

Do you fear any lack of space? Your operational vehicles will find more space in the appliance hall Art. 130161, suggested as a complement.

Epoch V • Vehicle hall: 261 × 135 × 64,5 mm • Administration building: 208 × 135 × 76 mm



150928 **Modern firemen** 150931 At the fire station



151036 Firemen, orange uniform







130161 Appliance hall

A vehicle or storage hall of versatile use with two parking spaces and glazed folding doors nearly as high as the hall on the front, to be built open or closed. A clear-layout building. A vehicle or storage hall of versatile use with two parking spaces and glazed folding doors nearly as high as the hall on the front, to be built open or closed.

Epoch V • 130,5 × 135 × 64,5 mm



161306

Car System Digital 3.0 MAN TGS TLF »Fire engine« (HERPA)

The vehicle is equipped with full digital technology incl. vehicle location and the individual functions can be controlled directly when in operation (only for the overall system). With front headlight, rear lights, brake lights and turn signals. Multi-stage driving possible. The acceleration and braking pattern, as well as the acceleration rates are set by the factory. However, they can be adjusted individually.

130162 Fire brigade engine house

That massive fire-engine house offers shelter to fire-fighting vehicles and appliances, but can also be used as repair shop. The facade made of natural stones clearly contrasts with three red folding gates with semi-circular arch frame. Another gate at the rear also allows the passage through the building.

Epoch II • 172 × 148 × 108 mm





130336

Country style fire department

Fire department with mobile door and hose drying tower. Material mix of coloured plastic, wood, and special cardboard parts.

Epoch III • Patinated model • Lasercut model • 130 × 100 × 141 mm



180912 10 Hydrants



161599 MAN TGS TLF »Fire brigade« (HERPA)



151006 Firemen and accessories

Fire station

Office building with control station, three-stall flat-roof garage annex with movable rolling shutter doors, two separate garages and highrise hose-drying and observation tower. All buildings can be used separately.

Epoch III • 441 × 210 × 390 mm



130268

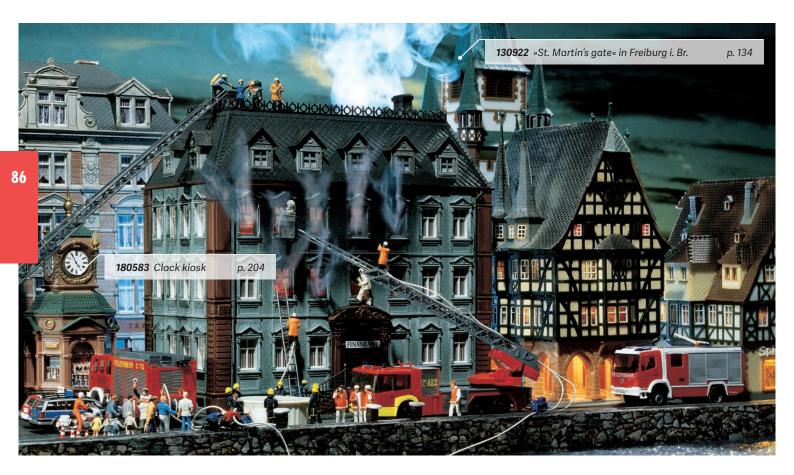
Rural fire station

Fire station with 2 opening doors, roof siren, hose drying tower and scaffolding.

TIII

II

Epoch I • 130 × 100 × 141 mm





The special of this kit: weathered, blackened smoke facade; incl. special smoke generator, (16 V, alternating current) creates thick smoke emerging from the windows; miniature light effects - burning flames (16 V, alternating current) for a glow of fire full of effects and smoke oil to refill the smoke generator.

Epoch I • Patinated model • 195 × 133 × 185 mm

Burning tax office

130429

»Zur Sonne« Burnt-down restaurant

Burned out, grimy, sooty inn. Without smoke generator, without flashing light. With smoke generator set (art. 180690, 16 V, AC voltage) and miniature light effects, flickering fire (art. 180696, 16 V, AC voltage) as an upgrade.

Epoch III • Patinated model • 136 × 119 × 119 mm



An initiation into patinating.

Approach patinating with highly diluted water colours and one drop of dish washing agent. You may try out any colour mixture. Benefit of plastic: it is washable, thus you may repeat the process as often as you want until you achieve the desired result. It is best to carry out the procedure on the moulded piece with runners and sprue, before assembling the model. **More infos on p. 511.**

130933

Post office

Three-storey building with wide entrance stair, entrance doors to be opened and parcel loading ramp annexed on the rear side.

Friedri



Friedrichsen

Epoch I • 190 × 195 × 215 mm





151035 Supermarket/shopping trolleys



153042 Going shopping

130342 »Edeka« Local mini market

8.90

A modern style construction with a wide glass frontage and complete shop-fitted interior. The model can be illuminated very effectively using the micro-bulb (art. 180671), and the sign on the roof can be rotated using the FALLER motor (art. 180629) - (art. 180671 and art. 180629 are not included). Several models can becombined, thereby creating several variations for different uses.

Epoch IV • $221 \times 204 \times 105 \text{ mm}$



180606 Modern shopping cart roofing

These roofings are located in front of every modern store and supermarket, directly connected to the building or throughout the parking lot. The ideal supplementation to the matching building models. 87

 $\textbf{Epoch V} \bullet 60 \times 52 \times 54~mm$



and various shopping carriages. Deco South and North.

Epoch V • 266 × 184 × 86 mm



130155

Beverage retailer

Beverage retailer fitted out with filled shelves, on a rectangular base, with double pitch roof and covered storage area outdoors as well as plenty of bottle cases, barrels and beach flags for outdoor advertising.

Epoch IV - New Item 2018 - 151 \times 75 \times 70 mm



180353

Beverage retailer's interior decoration

Comprehensive equipment set of various colours with 60 stackable bottle cases, 40 case partitions, 160 single bottles, six pallets, five beer-barrels and two forklifts.

Epoch IV • New Item 2018

130434

Doner kebab booth

Fast food. Practicable snack bar with street counter, very characteristic through its yellow clinker-built masonry and the irregular base.

Epoch V • New Item 2018 • 103 × 76 × 60 mm





130488 ADAC building



Accident-free throughout the model's years! Two-storey office of Germany's largest automobile club, the ADAC. Outside staircase, glassed awning and uniformly coloured design elements open up the bright administration building with an inviting gesture towards the street and a winding staircase guides visitors into the furnished service facilities on the upper level.

Epoch IV • 183 × 171 × 133 mm



180454

Office furnishings

Set allowing to equip office rooms with various desks, swivel chairs, office furniture and filing cabinets, workstation computers, photocopying machine, hallstand, fire extinguishers and mural pictures.

Epoch IV



161586 VW T5 Bus »ADAC« (WIKING)







150927 At the workplace





0 0

0 0





Dairy with silos

Full churn! Modern fresh milk dairy comprised of a two storey demonstration facility with storage and administration rooms and loading platform at the rear, one-storey selling room and one small and two large tanks made of stainless steel for the outdoor intermediate storage or maturation of the raw milk delivered.

Combined production works and attraction world: the main glazed facade allows the visitors of that show-dairy to watch the bottling and labelling lines from a short distance. The kit includes some parts to drive three belt conveyors when using FALLER modeller's synchronous motor art. 180629. From the cow to the shop counter: people are then able to sniff, taste and buy the specialities produced in the adjacent large selling room fitted with cooling shelves, that room being accessible via small outdoor stairs.





Transfusing station with recording of the flow of liquid. Bright cubical functional building with two separate access gates for milk collecting lorries as well as fittings and hoses to transfer the raw milk. The minute overall height of the complete truck weigh bridge supplied allows to install it at ground level or slightly elevated with low up and down ramps.

Epoch V - Building: 145 × 140 × 68 mm - Weighing machine: 165 × 45 × 1 mm



180612 Palettes



180617 Transport boxes and cable rolls



180903 40 Sacks



130228 Industrial mill

Industrial corn mill consisting of tall main building, side annex and silo area. Goods are transferred via filler neck on the covered access ramp of the light-coloured brick building. Accessories also include pallets and sacks of flour.

Epoch III • Patinated model • 205 × 158 × 190 mm



151096 Factory workers with forklift

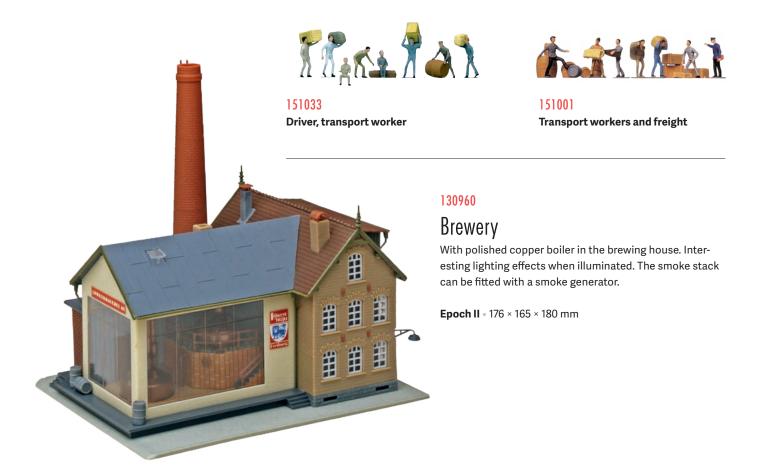


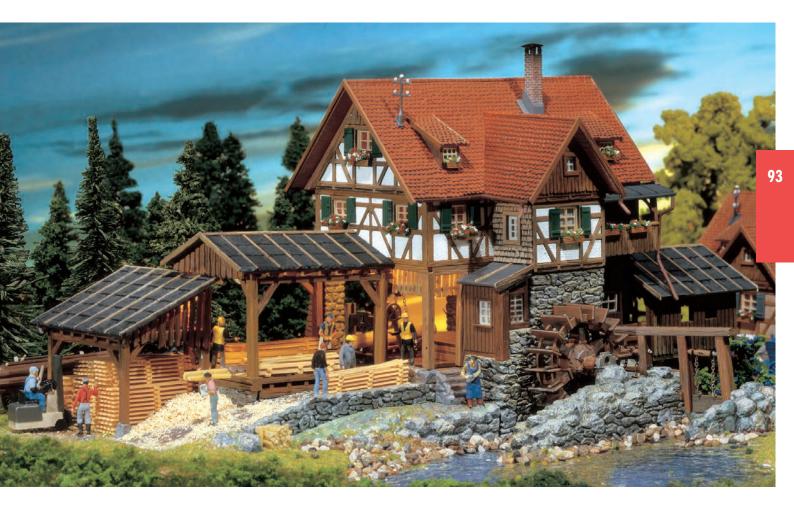
Pallet factory

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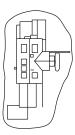
From raw material to a finished wooden pallet. Aged model of a crate and pallet factory with production hall, warehouse and administration offices, as well as ramps and sliding gates on the front and rear sides of the building. Accumulating wood shavings are stored in a small silo on the side after they are suctioned off by a suction system. The accessories naturally include crates and pallets, as well as stacks of boards, tippers and much more.

Epoch II • Patinated model • 404 × 140 × 185 mm





130229 Sawmill



Sawmill from the Black Forest. The water wheel is driven by a (12-16 V, AC voltage) motor included in the package. A board and timber assortment is contained in the package. The log storage place can be greatly extended by purchasing the article Nos. 180589 and 130288 in addition.

Epoch II • incl. motor • 345 × 200 × 145 mm



180498 Timber storage sheds

For lumber piles and implements. Two shelters built staggered, with a draining floor, allowing the storage of lumber piles and implements. Floor plate and various piles of boards are also supplied.

Epoch I • 100 × 70 × 53 mm



Carpentry

Patinated carpentry shop with rear cuttings bin. The covered awning allows a view of details inside the workshop with circular saw, trolley and numerous stacks of boards whilst the roof truss and a stairway are being worked on.

Epoch III • Patinated model • 176 × 120 × 80 mm

180455

Workshop furnishings

Only for professionals! Small train of machines consisting of various wood and metal working machines such as ribbon saw, circular saw, routing machine, disk sander, surfacing machine, thicknessing machine, and turning lathe. A tool outfit on a wall rounds the set off. **Epoch III**





Beet dump with storage shed

Harvest time! Small, stationary band conveyor installation to be used during the sugar beet campaign. To ensure transport to the sugar mill the beets supplied are directly loaded from the lifter, from the trailer or out of the pile into the goods wagon via an ascending conveyor. The equipment of that loading line includes a wooden shed with rolling gate and a glazed gable end.

Epoch III • Storage shed: 172 × 95 × 74 mm • Turnip shipping: 190 × 63 × 67 mm

130174

Silo with conveyor

To store bulk goods! Large tower silo in a green tone with a practicable loading area to allow transshipment on tip trucks, and a belt conveyor protected by a cap.

Epoch III • 281 × 58 × 192 mm

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120260

Dual silo

Two cylindrical large capacity tower silos for storing and handling bulk goods. Pipes carry the goods. Accessible via outside ladder and walkway with railing.

Epoch IV • 150 × 130 × 200 mm

130476 2 Industrial silos

For versatile use in the industrial, commercial, or agricultural area.

Epoch IV • 66 × 42 × 130 mm



151051 **Construction workers**



150932 Craftsmen

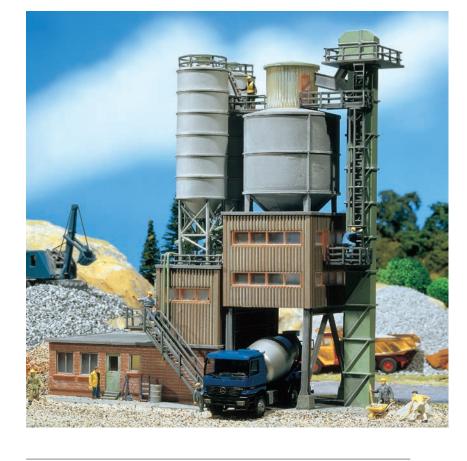




Cement works

Cement works with office building, storage silos and passage for truck loading.

Epoch IV • Patinated model • 207 × 90 × 225 mm



130951 Old concrete mixing plant

Concrete mixing plant with storage silos and wide entrance gate.

Epoch II • Concrete mixing plant: 150 × 115 × 222 mm • Barn: 135 × 80 × 38 mm





150925 On the building site



Stone crushing plant

Small stone crushing plant with three aligned tower silos, jaw crusher and truck loading. It is possible to walk the plant via a steel stairway, platforms and a catwalk with railing.

Epoch III • New Item 2018 • Patinated model • 170 × 200 × 210 mm

130171

Feeding tower for stone breaking works

Stone breaking works' feeding tower for loading trucks and freight cars. First, a charging program calculates the different grain-sizes for mixing the needed construction materials for structural and civil engineering. Then a conveyor belt transports the gravel, which has been stored in storage silos and stockpiles, to the transfer station. Daylight enters the small industrial facility through floor-to-ceiling windows in the wall made of trapezoidal sheet metal. Finally the fed trucks drive to the scale (art. 130172).

Epoch III • 380 × 96,5 × 145 mm





Old stone-crushing plant

Timber construction with one-track passage for wagon loading (without function).

Epoch II • 200 × 175 × 152 mm • Clearance: 61 mm

130173

Jaw crusher with conveyor belt

Add some crushed stones! Our model of a primary crusher features two conveyor belts allowing for separate, temporary storage of gravel of different grain-sizes. Dump trucks transport the blast off stones to the crushers' chute. The jaw crusher then crushes and mills the stones.

Afterwards, a conveyor belt transports the material directly into the stone breaking works (art. 130170). At the same time, the swing conveyor belt distributes the different grain-sizes onto stockpiles so that wheel loaders can load the gravel on trucks. The kit also includes the necessary drive parts for swinging the conveyor belt so that you can easily attach a servo (art. 180726).

Epoch III • Movable model • 190 × 180 × 62 mm • Depth: 22,5 mm



150910 Quarry workers 151072 Miners



Gravel heap

Do not only stockpile! It's more than only gravel.

To get a nicely shaped heap of gravel, use either a cone made of cardboard (cut out a circle, cut up a radius, and fold to assemble) or, better still, shape a base using rigid polystyrene. Then apply plenty of the brown Colorfix-Color glue (art. 170660) on the entire surface and spread the suitable ballast or gravel granules. Repeat the procedure several times until you get the desired result. Finished.

130945 »Marienschacht« Mine-headgear

With the conveyor system consisting of the shaft shed with headgear and the winch house with its own steam energy winch supply, your layout gets a new, visual highlight. The dumping mechanism on the side of the shaft shed enables the simulation of a railway loading process. With the FALLER motor (art. 180629, not included) both large cable sheaves in the headgear can be set into motion.

For realistic decoration of the surroundings the FALLER coals (art. 170723) are required.

Epoch I • Movable model • 260 × 175 × 275 mm





161566 MAN 635 »Coal Merchant« BREKINA



170723 (Н0, П, N) Scatter material coal 140 g



170303 Scatter material Quarrystones 650 g



130172 Truck scale with office

Say goodbye to weight problems with our truck scale! The model features a concrete foundation and a small, attached office with a flat lean-to-roof. You can use it anytime you need to check a vehicle's tare and filling weight, e.g. at stone breaking works, landfills or other industrial facilities. The model is made of a mixture of plastics and special cardboard.

Epoch III • Patinated model • Lasercut model • Office: 120 × 60 × 38 mm • Weighing machine: 165 × 45 × 1 mm

130470 Old coal mine

Imitation-wood coal mine with several loading and unloading facilities.

Epoch II • Patinated model • 420 × 370 × 190 mm





130944 »Fortuna« Mine

Coalmine headgear with mine shaft and double headframe with 2 giant wheels in the headgear, powered by FALLER motor (art. 180629, 12-16 V, AC voltage). Motor not included. The winch house with utility shed and built-on oil storage tank are also included.

Epoch II • Movable model • Patinated model • 520 × 200 × 310 mm

180623 Smoke stack

Up in the air. Make this artificially aged model of a smoke stack with a massive square foundation your layout's clearly visible hallmark. The model features an iron ladder attached to the chimney and guard rings preventing masonry misalignment.

Epoch I • Patinated model • 60 × 57 × 335 mm



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Coal/fuel handling

Small business with roofed loading ramp, in which various fuels and coal are available in smaller and larger amounts. Using the separately standing coal bunker the coal is loaded onto transport means via loading crane. Various loading goods and coal are included.

Epoch II • Patinated model • Building: 236 × 170 × 162 mm • Coal bunker: 207 × 80 × 110 mm





120254

Coal bunkers

Large volume side rooms of the shed made of wood, in which various coal types or other bulk goods material can be stored. Ideal for the railway-related small trade branch or in-harbour handling. A bag with coal is included.

Epoch II • Patinated model • 189 × 100 × 31 mm

Electrical substation with power poles

Rural tower substation with small square base and wood siding at the gable, plain tile roof and lateral insulators to connect the aerial wires. Two pylons also form part of the kit.

Epoch II • $44 \times 41 \times 107 \text{ mm}$



120236 3 Transformer stations

Transformer stations in different construction sizes and forms, for power supply in the industrial and commercial area.

Epoch III • 28 × 38 × 29 mm • $36 \times 34 \times 37$ mm • $28 \times 61 \times 29$ mm





Small substation with pointed roof

A relic of energy supply. Substation housed in a tower with a plain tile roof, rod insulators and their hookshaped brackets. Grey rendering with a chipping part.



1202393 »Brick« Transformer stations

Flowing electricity. 3 different sizes of transformer stations with brick construction and different roof shapes update your power network.

Epoch IV • Patinated model • 62 × 28 × 29 mm • 37 × 28 × 29 mm • 36 × 34 × 37 mm





Steam Engine Museum Werdau

The Municipal Steam Engine Museum of Werdau is one of the oldest buildings in that town. It was erected in 1781 by Friedrich August Baumgarten, the great-grandfather of the future inventor of the first navigable airship, Georg Baumgarten.

More infos for interested people: • <u>www.museum-werdau.de</u>

180383

Steam engine

Equipment for industrial models. 600 HP for the lovers of steam power, this is the output of that horizontal triple expansion steam engine in tandem operation similar to the original to be seen in the Municipal Steam Engine Museum of Werdau. The rope flywheel can be driven by FALLER direct-current motor (art. 180723).

Epoch I • Movable model • 150 × 78 × 36 mm • Depth: 31 mm

130958

Transformer station

Transformer station with insulators, transformers, power lines, etc.



130955

Telegraph poles

20 pieces. »Cables« for wiring are included (without any electrical function). **Epoch II**





180928 4 Power poles

130383 Windmill

Body of water layouts

p. 451

Frisian construction, with masonry basement, wide gallery and windmill on top. The canvas-covered sails are operated by the motor supplied (12-16 V, AC voltage).

Epoch | Patinated model incl. motor 180 × 180 × 320 mm

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»Nordex« Wind generator

Wind generator with motor (12-16 V, AC voltage) and 3 propeller rotor. The original is located on the Black Forest overpass in the southern part of the Black Forest and was installed in 1996.

Note: Can be built in 2 versions: with a girder or concrete pole (parts are included).

Epoch V • incl. motor • 80 × 80 × 360 mm • Depth: 40 mm • Sail dia: 220 mm

130233 Windmill

Windmill consists of the mill and the living quarters. Its wings are powered by an electric motor (12-16 V, AC voltage).

Epoch I • incl. motor • 98 × 88 × 135 mm





130253

Garden center

Garden center with dwelling house, 3 glass greenhouses, 2 hotbeds, straw mats and accessories. To be extended by art. 130213.

 $\label{eq:constraint} \begin{array}{l} \textbf{Epoch II} & \text{Hotbed: } 90 \times 21 \times 10 \mbox{ mm} (2 \ x) & \text{Greenhouse } 1: 110 \times 68 \times 67 \mbox{ mm} & \text{Greenhouse } 2: 71 \times 42 \times 63 \mbox{ mm} (2 \ x) & \text{Residential house: } 108 \times 90 \times 110 \mbox{ mm} \end{array}$



130213 Small garden center

Garden center with 2 glass greenhouses, 3 hotbeds, straw mats and accessories.

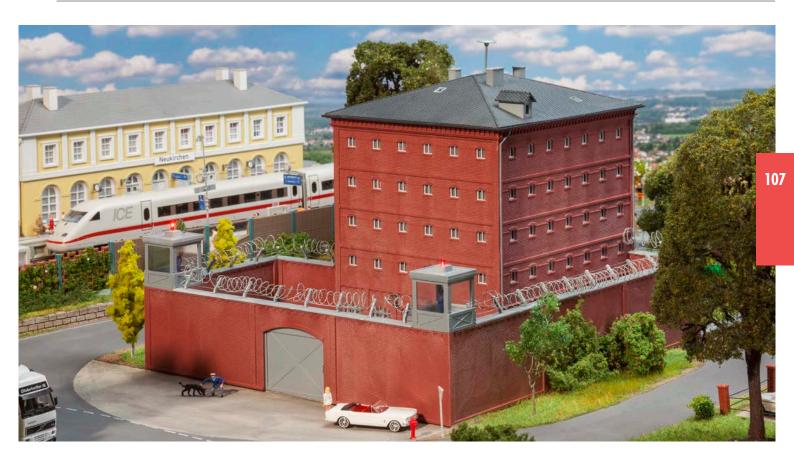
Epoch II • Geenhouse 1: $92 \times 47 \times 58$ mm • Greenhouse 2: $71 \times 42 \times 63$ mm



151026 Garden workers

HO THE TOWN, THE VILLAGE





Law enforcement institution



Law enforcement institution in a five-storey brick building on a square base, with flat pavilion roof. Modest decorative elements of the facade are ledges, weather mouldings and a peripheral dentil frieze below the eaves. High walls with an access gate form the courtyard that surrounds two sides of the building.

Epoch II • 311 × 252 × 215 mm







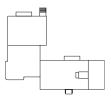
161632 MB T2 Vario »Police« - Period of production of the original: 1996 to 2013

Period of production of the original: 1996 to 2U
 Lateral imprint: »Polizei«
 (HERPA) = Epoch V



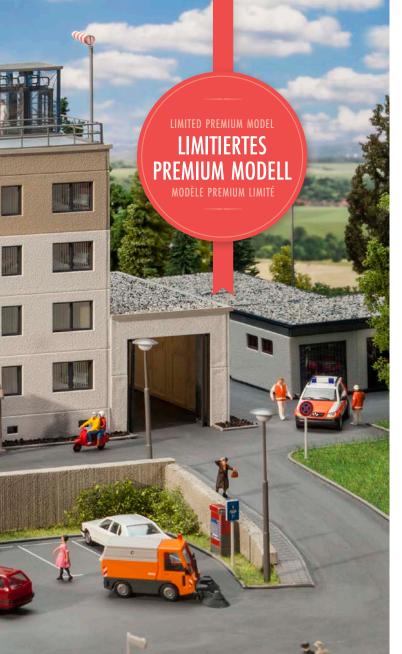
130809 Clinic

Well-being for patients, staff and visitors. Hospital comprised of four flat-roof constructions of different height which are connected with one another, with clear geometry and light coloured facades.



The common main access to these three- or four-storey function or patient buildings with balconies at the rear leads through a luminous entrance hall with decorative colours accentuating the walls (Design: Carsten Kruse) and a glass front brightening both levels. Ambulances arrive and leave again through a small vehicle hall suitable for Car System and Car System Digital. The highest building features a visible lift shaft protruding from the roof and a helicopter pad. The driving parts for the elevator (threaded rod, nuts, ball bearings) are supplied with the kit. »Drive unit«, Art. 180692 suitable for the lift, comprised of motor, automatic cutoff through limit stops, and manual reversing switch, available separately.

Epoch IV • New Item 2018 • 414 × 357 × 185 mm







150946 **Clinic staff** New Item 2018



150933 On the site of the accident



161559 VW Touareg »Emergency doctor« (WIKING)



180371

Automated parking barriers

Model of an automated barrier unit with two vertical columns and self-supporting boom arms for monitoring access to parking spaces, parking garages or corporate facilities. The kit includes drive parts for both movable barriers so that you can easily attach servos.

Epoch IV • Movable model • 111 × 70 × 18,5 mm • Depth: 12 mm





Nurses' home

Five-storey building construction with masonry plinth and a large-area facade painted in light green, grey and white on the front of that slab construction.

Epoch VI • New Item 2018 • 158 × 134 × 198 mm



130803

Prefabricated High-Rise P2/5

Structural engineering the GDR way! The prefabricated high-rise building Type P2/5 (the cipher after the slash indicates the number of stories) was the first building making it possible to combine standardized singleelements in industrial apartment construction. This great flexibility made it one of the most common lines. You will find e.g. the variant with small width of balconies and windows in great number in Halle (Saale). Our model features red balustrades and extensive coat of paint on front and backside.

Epoch IV • 135 × 156 × 181 mm

¹³⁰⁸⁰¹ Prefabricated High-Rise P2 Basic Kit

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Those buildings made from prefabricated slabs were typical for the German Democratic Republic and built until the end of the 1960s. The basic kit includes the foundation with the doorways sticking out half a story, three stories with balconies on the rearward side, jamb walls, and flat roof. You can also modify the model and use it as a relief in your layout's background. Please note: If you want more stories so that your »Plattenbau«, as the german's call it, will reach the usual height between 5 and 11 stories, you can purchase our additional set »Prefabricated High-Rise P2 Supplement« (art. 130802). Each of these sets includes two more stories for the so called Type P2.

Epoch III • 305 × 155 × 125 mm



130802

Prefabricated High-Rise P2 Supplement

Industrial housing meets modular design. The set includes two additional stories (slabs and balconies, windows, decorative screen) for prefabricated high-rise houses of the type P2. Please note: This kit is an addition to our item »Prefabricated High-Rise P2 Basic Kit« (art. 130801). Therefore foundation and roof are not included in the additional kit.

Television tower

Similar to the well-known television tower located in Alexanderplatz in Berlin. A model of impressive height with glazed spherical dome, red-white pole and a red-blinking beacon at the top.

Epoch III • 150 × 150 × 1200 mm



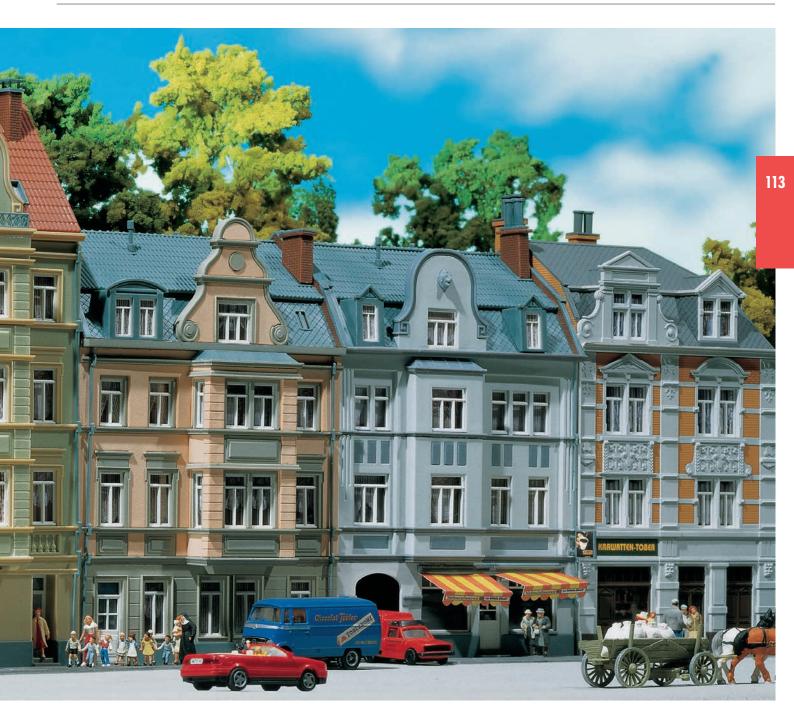
»Goethestraße« Row of town houses

The houses of this four-part row of buildings were built around 1929 and have an ornate stucco facade with Art Nouveau. The row of buildings consists of two four- and two three-storey buildings and is variable in its build-up.

These buildings can be used to create »boulevards« as well as typical backyard settings in the city or on the railway line. Beautiful boulevard in the front – in the back typical backyard setting.

Whoever travels by train in Germany is familiar - along the intra-urban lines - with this picture: the typical backyard setting along the railway lines. Important scenery for model railroaders which should not be missing on any layout. The rear facades are in a brick-and-mortar style as they could be found almost everywhere in Germany (see the small picture).

Epoch I • 500 \times 180 \times 245 mm





130704 »Henninger« Department store

Shopping tip. Four-storey old building with dormer windows and a twostorey facade with modern glazing. The two-aisle ground plan and the windows on all building sides allow to place the model on a corner plot of two streets or as a building standing alone.

Epoch III • 210 × 155 × 223 mm





130910 »Goethestraße« Police station

Municipal police station with side garage entrance on a corner lot. Lively structured old building front with solid window trim, and houses with attic rooms and skylights in the loft.

Epoch III • 250 × 205 × 225 mm



153042 Going shopping



150912 Small band/Street musicians





»Goethestraße 62« Town corner house

4-storey model with dormer windows and stucco decoration. On the ground floor there is a retail store. Compatible with the models of the »Goethestraße« (art. 130915).

Epoch I • 119 × 98 × 217 mm



130906

»Goethestraße 63« Town corner house

Four-storey house with dormer windows and stuccowork.

 $\textbf{Epoch I} \bullet 122 \times 112 \times 217 \ mm$

130918

»Goethestraße 88« Town end house

Four-storey terrace-end house with balconies, oriel, copper roof and roof terrace. There is a shop on the ground floor. The house can be variable in height, as the floors are put on top of each other separately. Compatible with the models of the »Goethestraße« (art. 130915).



Epoch I = 164 \times 148 \times 270 mm

115

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Town house with pub

Multistorey house with a fully equipped pub on the ground floor.

Epoch II • Patinated model • 135 × 125 × 200 mm





130446 Alfredo's pizzeria

Renovated townhouse in the style of the fifties with two bay windows at the front. On the ground floor there is a pizzeria with interior lighting and authentic decor.



130448

»Allianz« + »Tea & Spices« Town house

Town house with an Allianz insurance office and a Tea + Spices shop on the ground floor.

Epoch I • Patinated model • 125 × 183 × 203 mm



130445 Paradise bar

Art Niveau building with extensive window ornamentation on the front facade. Various back yard buildings. Advertisements for either a bar or a »House of Sheer Delight« are also included.

Epoch II • Patinated model • 125 × 183 × 208 mm



130449

»Belaria« Cinema

Multistorey town house with an old cinema on the ground floor. Wide entrance and decoration parts.

Epoch III • Patinated model • $145 \times 175 \times 200 \text{ mm}$

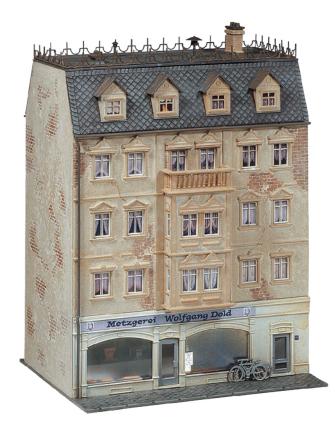
130451

»Dold« Town butcher's shop

Classic butcher's shop of the 50s with complete interior equipment, accommodated in a multistorey town house.

Epoch VI \bullet Patinated model \bullet 145 \times 126 \times 201 mm









»Beethovenstraße« Row of downtown structures

An urban scene full of life! That row of four buildings consisting of two corner houses and two terrace houses offers plenty of possible variations and combinations. The ground floor of each building provides space for shops and businesses. The upper storeys house typical urban dwelling units. Both terrace houses can also be built by halves.

Epoch III • Total dimensions: $452 \times 118 \times 200 \text{ mm} \cdot \text{Corner house 1: } 118 \times 118 \times 200 \text{ mm} \cdot \text{Corner house 2: } 118 \times 117 \times 200 \text{ mm} \cdot \text{Driveway: } 47 \times 5 \times 43 \text{ mm} (2 \text{ x}) \cdot \text{Terrace house 1: } 85 \times 104 \times 176 \text{ mm} \cdot \text{Terrace house 2: } 85 \times 96 \times 176 \text{ mm}$





130702 »Beethovenstraße« 2 Row houses

A new style! Renovated terrace houses with baking shop and a small art gallery on the ground floor. Each attic features two small dormer windows. Both terrace houses are the perfect complement to »Beethovenstraße« row of town houses, Art. 130701, and can also be built by halves.

Epoch III • Total dimensions: $170 \times 104 \times 176$ mm • Terrace house 1: $85 \times 96 \times 176$ mm • Terrace house 2: $85 \times 104 \times 176$ mm



130703

»Beethovenstraße« 2 Town houses

Integral renovation! Corner house and terrace house in Beethoven Street have been given a new paint. Next to the telecommunications shop there is a restaurant offering regional cuisine. On the upper storeys there are student's lodgings. It is also possible to built the terrace house by halves.

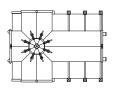
Epoch III • Total dimensions: $202 \times 118 \times 200$ mm • Corner house: $117 \times 118 \times 200$ mm • Driveway: $47 \times 3 \times 43$ mm • Terrace house: $85 \times 104 \times 176$ mm







130598 Cathedral



Model of a medieval church building with central nave, two aisles, transept, choir and two adjacent chapels. The architectural elements of the Gothic style are the rich tracery of the ogive arch windows, the stabilizing buttresses with pinnacles and the filigree central tower crowned with a finial.

Epoch I • New Item 2018 • Patinated model • 308 × 222 × 374 mm



150942 Nuns and parson New Item 2018 150939 Wedding day New Item 2018



180346

Church decoration set

Set containing various equipment pieces and objects allowing to decorate the interior of a church, such as an altar and church pews, organ, confessional, pulpit, cross, and baptismal font.

Epoch I • New Item 2018

121

Town church

Large, twin-spire town church with an extended nave, semicircular apse, laterally annexed vestry entrance and colourful windows to be illuminated.

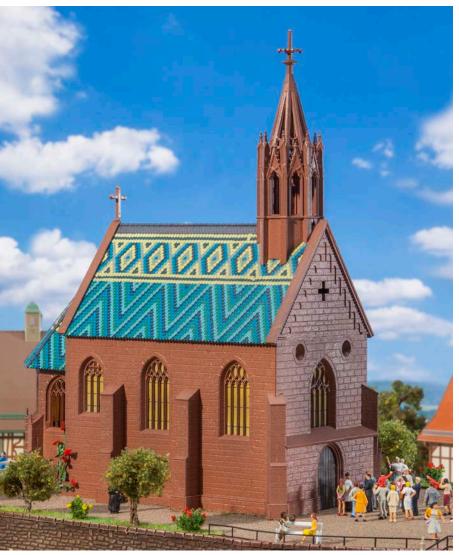
Epoch I • 340 × 140 × 368 mm

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130239 Small town church

Small town church in two-coloured clinker-built construction, with colourful windows, slender spire, large stone bas-relief on the rear side and various etched parts for decoration. Typical construction as can be seen in the new Federal States, but also in Northern Germany.

Epoch II • Patinated model • 200 × 118 × 270 mm



»St Johann« Church

From quite a distance you can already see the colourful enamelled tiles of the Gothic church with stone bell tower. The unique long nave with polygonal choir is ornamented with tracery windows and their pointed arches, the buttresses also contributing to the well-balanced configuration of the side walls.

 $\textbf{Epoch I} \bullet 212 \times 109 \times 260 \ mm$



151021 Bride and bridegroom

130490

Village church

The windows backed with sacred motifs can be lit effectively. Onion-domes and pointed domes and tower cross and tower point are available for selection.

Epoch I • 240 × 129 × 340 mm



123





City house with passage

The entrances of the different stores are located in the continuous passageway.

Epoch III • 108 × 108 × 165 mm



130493 Old city Café A cosy cafe is located on the floor

A cosy cafe is located on the floor level of the multi-story city house.

Epoch III • 116 × 130 × 150 mm



130497 Village residential house

Multi-story residential house with side-gabled roof.

Epoch III • 78 × 115 × 146 mm



130498 »Sport Meder« City house

Sports items of all kind are offered in this retail store.

Epoch III • 80 × 75 × 175 mm



1304942 Village houseswith painters scaffold

One of the houses is surrounded by scaffolding and is being painted. Scaffolding parts are included.

Epoch V = 140 \times 117 \times 165 mm = 105 \times 124 \times 165 mm

130495

2 Village houses with bay

A bakery is located in one of the differently coloured houses.

 $\textbf{Epoch V} \bullet 62 \times 103 \times 142~mm \bullet 62 \times 110 \times 152~mm$



130496 2 Village houses

A store selling biological items is located in the corner building of the two houses.

Epoch III • $68 \times 91 \times 146 \text{ mm} • 75 \times 118 \times 150 \text{ mm}$



130499

»Niederes Tor« City house

City house with a wide entrance arch and pedestrian arcade along the side. Adequate for single lane Car System truck/bus and car traffic.

Epoch III • 150 × 90 × 175 mm • Clearance: 60 mm

130491 Town hall

Two-story, renovated small town townhouse with corner arcade and dark timber framing in the upper floor.

Epoch III • 145 × 145 × 160 mm





130412

»Fahrinsland« Driving school

Dwelling house with roofed entrance and fitted-up winter garden laterally adjoining and extending over four storeys.

Epoch IV • 115 × 107 × 152 mm

130414 2 Town houses

Two triple storey houses in different colours.

Epoch II • 75 × 112 × 145 mm • 68 × 91 × 134 mm





130434 Doner kebab booth

Fast food. Practicable snack bar with street counter, very characteristic through its yellow clinker-built masonry and the irregular base.

Epoch V • New Item 2018 • 103 × 76 × 60 mm



130514

Ice-cream parlour

One or two balls? Small ice-cream parlour with roofed terrace and an inviting glazed facade in the entrance area. You will create a pleasant ambience with the advertising pennants, sunshades, bicycle stands and furniture for the outdoor area, which are all supplied.

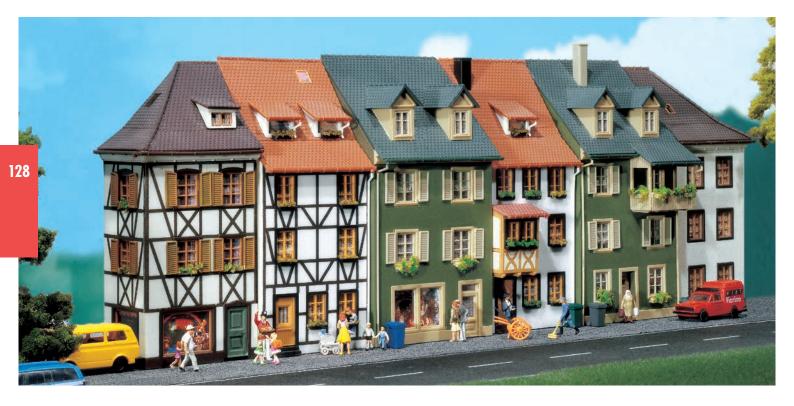
 $\textbf{Epoch V} \bullet 150 \times 84 \times 69 \; mm$



130489 Butchery/Bakery

For anybody with good taste. Butcher's and baker's as furnished shops inside a two-storey residential building. The large shop windows provide a view of product display and a snack at the bar table below the vine-covered pergola invites you to make a brief stop. Accessories also include bicycles and matching bicycle racks.

Epoch IV • 190 × 125 × 125 mm





6 Relief houses

Inexpensive and space-saving rows of houses can be erected along the model rear walls with these half-built corner and dwelling houses. The rows of houses can be extended with art. 130431 and 134032.

Epoch II • Total length: 406 mm • 65 × 45 × 137 mm • 76 × 65 × 152 mm • 62 × 47 × 142 mm • 76 × 52 × 143 mm • 62 × 58 × 152 mm • 65 × 47 × 139 mm



130431 2 Relief houses

Relief houses for the building of two half-built background models.

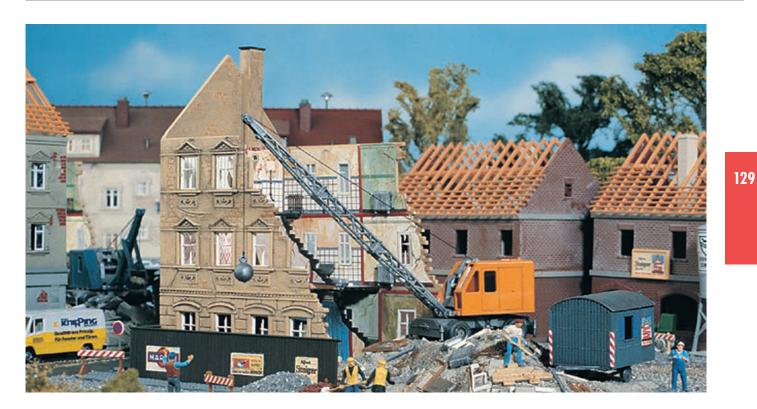
Epoch II • Terrace house 1: $75 \times 65 \times 150$ mm • Terrace house 2: $75 \times 53 \times 142$ mm



130432 2 Relief houses

Relief houses for the building of two half-built background models.

Epoch II • Terrace house 1: 61 × 57 × 150 mm • Terrace house 2: 61 × 47 × 142 mm



Town house under demolition

Kit consists of the remains of facades and a gable with half-torn wallpaper, remains of the ceilings and internal walls, a rubble heap, temporary fence, excavator (Wiking Model) and a single-axle trailer. In addition this kit includes old radiators, wash basins, and even an old bathtub.

Epoch II • Patinated model • 214 × 115 × 154 mm



130456

Town house under renovation

This 2-storey town house is being completely renovated.

Epoch I • Patinated model • 170 × 136 × 170 mm

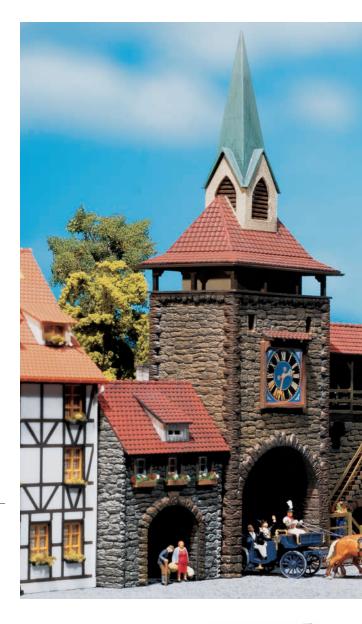
Old-Town wall set

Collective package with »Old-Town walls« elements. The set contains the following elements:

- Old-Town wall with annexed half-timbered house
- Old-Town wall with stairway
- Old-Town wall with battlements
- Two Old-Town peel towers
- Old-Town city gate with annexed house, both buildings with passages.

This low-priced basic package permits ideal combinations to be created. The configuration options are versatile and can be further varied by using parts from our old-town wall concept such as art. 130402-130404.

Epoch I • Old-Town gate: $79 \times 58 \times 251 \text{ mm}$ • Old-Town wall timbered house: $153 \times 75 \times 125 \text{ mm}$ • Old-Town wall with stairway: $153 \times 48 \times 125 \text{ mm}$ • Old-Town wall - defence tower 45° : $60 \times 45 \times 125 \text{ mm}$ • Old-Town wall defence tower 90° : $40 \times 40 \times 125 \text{ mm}$ • Old-Town wall: $153 \times 37 \times 125 \text{ mm}$ • Old-Town wall - piece: $43 \times 24 \times 106 \text{ mm}$ • Attached house: $62 \times 48 \times 94 \text{ mm}$





2 Old-Town peel towers

Town peel towers to be used as ends or for linking old town brick elements. Each with defence towers, one with 45° and one with 90°. The 90° defence tower can be either built as an angled or straight-lined intermediate tower element. The respective parts are included.



Epoch I •

Old-Town wall - defence tower 45°: 60 × 45 × 125 mm • Old-Town wall defence tower 90°: 40 × 40 × 125 mm



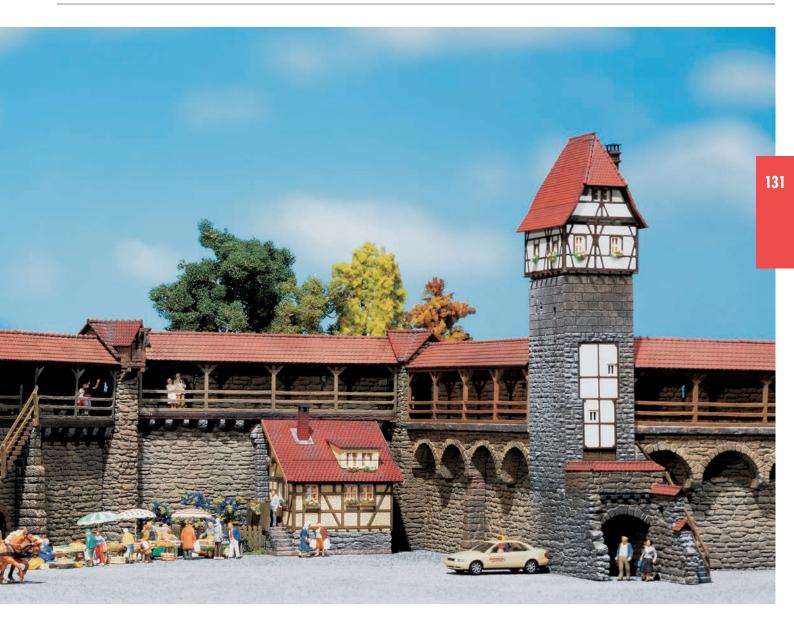
130404 Old-Town wall

 \square

Old-Town wall with arch and roofed battlements. To be used for wall extension. It can also be used together with peel towers and for extension of art. 130401, old-town wall set.

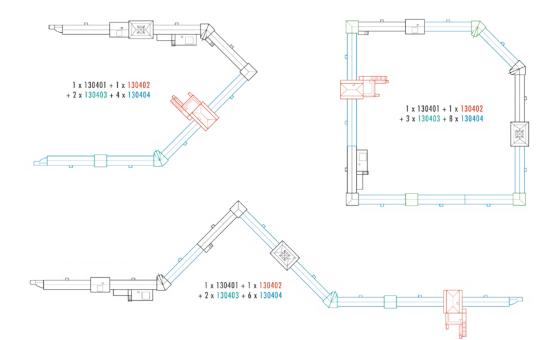
Epoch I • Old-Town wall: 153 × 37 × 125 mm • Old-Town wall - piece: 43 × 24 × 106 mm

130



Some ground plan variations »Old-Town wall concept«





130406 City gate with gatehouse City gate with built-on house on one side and a piece of old city wall on the other. Ideal addition to the city wall programme. Suitable for passing Car System vehicles 132 through. The archway has a height of 62 mm at its peak. The passage width is 52.5 mm up to a height of approx. 39 mm, then the archway begins. **Epoch I** • Patinated model • 175 × 55 × 250 mm Market stalls p. 205



130402 Old-Town tower house

Integrated stairway and a small town house of half-timbered construction. As a stand-alone unit or together with art. 130401-130404.

Epoch I • 100 \times 52 \times 215 mm

於林余於

150907 Passers-by V



150904 Passers-by IV

130400 Historical town gate

A medieval background. Faithful reproduction of the Swords Tower in Rothenburg on the Tauber with adjacent town wall, wooden stairs and parapet walk of the fortification. The imposing Swords Tower with the picturesque bay-windows completes the re-edition of the old town wall collection Art. 130401 to 130404.

Epoch I • 227 × 114 × 385 mm • Clearance: 40-60 mm • Clearance width: 40 mm

»St. Martin's gate« in Freiburg i. Br.

An impressive model which dominates the townscape with almost twice the height of the houses without ruining the romantic effect in the process.

In the adjoining building which separated from the tower can also be used in a row of town houses, there is the front entrance of a modern fast food restaurant in the alley. Through the salient hallway the actual tower stairs are reached via a spiral

McDonald's

staircase. In a subsequent construction phase the top of the tower was amended with four little roofed corner towers.

Epoch IV • 112 × 78 × 390 mm

Freiburg's Town gates

St. Martin's Gate (also called Norsingen Gate in the Middle Ages) in the Kaiser-Joseph-Strasse is compared with the Swabian Gate, the older of the two preserved gate-towers from the medieval fortification of Freiburg i. B. Formerly there were five gate-towers that were linked with one another through a town wall. Today only two of the former five gate-towers built in the 12th and 13th century have been preserved.

In the course of the centuries St. Martin's Gate has been rebuilt several times, and also served occasionally as a prison. In 1900 that town gate was renovated. Its height was increased from 22 to 60 metres and the style chosen was that of the 15th century. On the interior side there is a plate intended to remind of the burning of witches in the Middle Ages. (Source: Wikipedia)



130364 Villa

A two-storey manor built in the architectural style of the turn of the century, with stonework window cases, roofed porticos of columns and balconies in the upper storey. The original building is in Waldkirch/Breisgau.

Epoch I • 186 × 176 × 254 mm







130407

City villa

City villa in the construction style of the turn of the century, newly renovated, with bay add-on and side balconies.

Epoch II = 125 \times 130 \times 190 mm

130427 »Allmannsdorf« Town hall

The original building stands at Allmannsdorf near Constance (Lake of Constance).

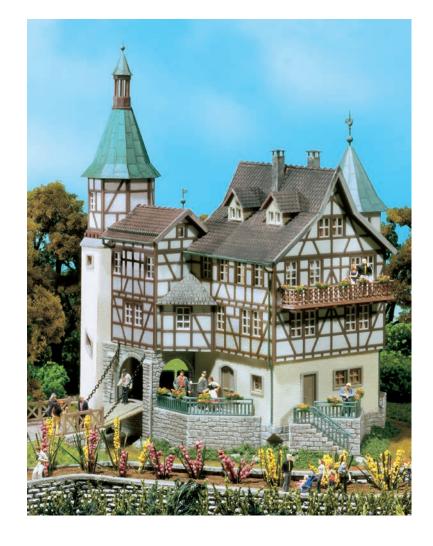
Epoch II = 175 \times 160 \times 230 mm

¹³⁰³⁸⁵ »Falkeneck« Hunter's lodge

This kit gives the modeller the chance to build a hunter's lodge into his layout, complete with a wooden drawbridge over a water course or a moat.



Epoch I • 188 × 134 × 225 mm



130500 »Lahr« Stork tower

Re-edition in new colours of the medieval ruin of the circular tower at Lahr moated castle with adjacent wall sections. That lowland castle was built about 1220 by the Lords of Geroldseck and is now the landmark of the town of Lahr.



Epoch I • 171 × 154 × 170 mm



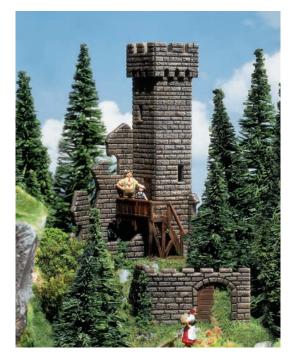


130245 »Lichtenstein« Castle

Well-known model on the Swabian Mountains.

A 40 mm high mountain is included in the construction kit as a platform. High above the Honau valley in the Swabian Mountains the impressive Castle Lichtenstein can be found which is well-known and became famous primarily through Wilhelm Hauff's story »Lichtenstein«. Reasonably priced and easy-to-build model requiring little space. Particularly suitable for the background.

 $\textbf{Epoch I} \bullet 243 \times 143 \times 172 \; mm$



130285 Castle tower ruins

Castle tower ruins from the age of chivalry; the well preserved tower is used as an observation tower. Reasonably priced and easy-to-build model requiring little space. Particularly suitable for the background.

Epoch I • 145 × 87 × 133 mm



130291 Castle observation tower

Castle observation tower which should be located outside of a town with its built-on kiosk as a place for excursions. Reasonably priced and easy-to-build model requiring little space. Particularly suitable for the background.

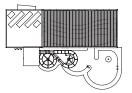
Epoch I • 115 × 62 × 135 mm





130150 Indoor swimming-pool with slide

Plunging far away from everyday life. This modern recreational swimming-pool with glass facade flooded with light and a lamellar roof, the timber beams of which reproduce a wave pattern, offers plenty of bathing pleasure.



The entrance area, the cubicles and showers are accommodated in a light-colour inviting main building next to the swimming hall housing a large combined sports basin, diving tower, starting blocks and a short channel with flaps allowing to swim easily between the interior and exterior basins. Outdoors two round basins with refreshing attractions invite to swim in the open air. The access to the colourful tubular slide is reached via narrow winding stairs within the slide tower. A visit is worthwhile in any case. Model in limited number.

Epoch V • Lasercut model • 400 × 300 × 100 mm









130322 Architect house

Function and aesthetics! Modern cube residential building with colourfully contrasting structural shells, spacious roof terrace and counter-running pitched roofs. Floor-to-ceiling window openings on the ground floor and large balconies open up the building to the garden side. Hammock, plant pots, creeping plants and a chain for rain drainage provide for a homey touch. We recommend the kit art. 180545 for the building's interior furnishings.

Epoch V • 158 × 126 × 136 mm

≡HO



130443 Modern dwelling house

Clear lines, aesthetics with modern language. Colourful detached house with storeys of different height and lean-to roofs of opposed slopes. Windows down to the floor, built-in strips of windows and a large terrace brighten up the design of that house.

Epoch V = 159 \times 135 \times 96 mm



130302

»Solair« House

Single-family home. Construction aiming at maximizing energy savings, very low lean-to roof, balcony with etched-metal railing, open light-flooded rooms. Can be completed with home interior equipment no. 180545.

Epoch VI • 200 × 200 × 122 mm



Building interior decoration

The package contains interior equipment for office rooms, sitting rooms, bedrooms, kitchens, and entrance halls. Room lighting (3 LEDs) is attached. Multiple uses. (Walls and ground floors are not included). **Epoch IV**



130393 »Siena« House



 $\Delta \Delta$

Contemporary dwelling house with balconies, bay window, roofed terrace, attic-floor balcony, flower boxes and white front-garden fencing.

Epoch IV • 163 × 137 × 114 mm

130394

»Prestige« House

winter garden and low roofing for the carport.

Epoch V • 176 \times 166 \times 100 mm







130301

»Romantica« House

Detached house belonging to the company Hanse Haus, with wooden balcony on the top floor, ground level annex, patio and wooden window blinds.

Epoch IV • 127 × 126 × 88 mm



130397

»Familia « House Familia House of Hanse-Haus



n

Epoch IV • 127 × 126 × 88 mm

with balcony, bay and terrace.

130559 House under construction

Shortly before the roofing ceremony! Prefabricated house in construction. They already erected the masonry ground floor that is partly isolated and the upper storey with its windows. The roof that is still missing allows to cast a glance at the subdivision into various rooms.



Epoch IV • 120 × 90 × 115 mm

130307

House under construction

Foundation and cellar have been finished, the outer walls are being erected. Typical building site accessories are part of the set.

Epoch IV • Patinated model • 120 × 106 × 61 mm





130303

Detached house under construction

A house of grey bricks. The roof is currently being finished.

Epoch III • $120 \times 90 \times 95 \text{ mm}$



130246

House under construction

The construction kit contains parts for a house under construction which can be erected in various construction phases.

Epoch III • 80 × 75 × 65 mm





151091 Street sweepers and channel diggers

150925

On the building site





130463 Duplex house

Duplex house with stepped hip roof, in beige plaster version, garret windows, and a front yard surrounded by a picket fence.

Epoch II • 145 × 140 × 110 mm





130464

Duplex house

With dormers, garret windows with halfhipped roofs and a fenced-in front yard.

Epoch II • 145 × 140 × 110 mm

130622

2 Garages

Set consisting of two identical individual garages that are light-coloured rendered, with socle, entrance door and a red and grey half-hipped roof. Two small lateral windows and a roof window provide daylight penetration into each garage.

Epoch III • New Item 2018 • 64 × 45 × 47 mm (2 x)





180554 Garden design elements Epoch IV



130315

Detached house

Detached house with red design elements on walls, terrace ground plate and decoration parts. Easy to build, even for beginners.

Epoch VI • 101 × 117 × 83 mm



130316 Detached house

Detached house with grey design elements on walls, terrace ground plate and decoration parts. Easy to build, even for beginners.

Epoch VI • 101 × 117 × 83 mm



130317 Detached house

Detached house with yellow design elements on walls, terrace ground plate and decoration parts. Easy to build, even for beginners.

Epoch VI • 101 × 117 × 83 mm



130318 Detached house

Detached house with wine-red design elements on walls, annexed winter garden, terrace ground plate, roofed terrace and etched-metal railing. Easy to build, even for beginners.

Epoch VI = 114 \times 117 \times 83 mm

■H0



130215 T· I I I

Timbered house with garage

Complete with window boxes, roof gable, and red tiled roof, and a fenced-in front garden.

Epoch III • 126 × 72 × 85 mm

147



130221

Half-timbered one-family house

Easy to build for beginners. With accessories.

Epoch III = 93 \times 84 \times 115 mm



130222 Family home with timber framing

Easy to build for beginners. With accessories.

Epoch III = 93 \times 84 \times 115 mm



130223

One-family house Easy to build for beginners. With accessories.

Epoch III • 93 × 84 × 115 mm







One-family house in half-timbered construction with decoration parts.

Epoch II • 115 \times 95 \times 115 mm

130200

House with dormer window

It has an inset entrance and a balcony.

Epoch III • $90 \times 80 \times 78 \text{ mm}$

130205

One-family house One-family house with loggia.

Epoch III • 131 × 82 × 73 mm





130216 Clinker built house

The doorstep is reached via the fence in front garden. With window boxes and roof gable.

Epoch III • 91 × 72 × 85 mm

130204

Chalet with entrance porch.

Epoch III • 100 × 83 × 77 mm



2 Village houses

Set composed of two modest one-storey dwelling houses with rendered facade, gable windows and tiled roof, facade and roof of different colours, the door and window trims as well as the wall edges being coloured in white in contrast.

Epoch I • New Item 2018 • 106,5 × 64 × 62 mm (2 x)



2 Clinker-built houses

To withstand wind and weather. Set of two single-storey houses with clinker facades and double pitch roofs. The solid brick appearance and the typical Frisian red coloration are inspired by the architecture of Northern Germany.

Epoch I • 106,5 × 64 × 62 mm (2 x)



130609 Clinker-built house

North German dwelling house, one storey, with sash bar windows and tiled roof. Door and window mouldings as well as chimney heads above both gables serve as restrained ornamental elements.

Epoch I • Patinated model • New Item 2018 • 106,5 × 64 × 71 mm

130601 »Texel« Small cottage

Patinated model of a one-storey modest dwelling house, featuring a facade with wood laths, gable windows, and a tiled roof. The lateral entrance is protected by means of a windscreen.

Epoch I - Patinated model - 106,5 × 82 × 62 mm





130602 »Vlieland« Small cottage

Patinated model of a one-storey modest dwelling house, featuring a rendered facade, gable windows, and a slate roof.

Epoch I • Patinated model • 106,5 × 64 × 62 mm



130603

»Ballum« Small cottage

Model of a one-storey modest dwelling house, featuring a rendered facade, gable windows, and a slate roof. Colours pleasantly set off the window sills, plinths and building edges.

Epoch I • 106,5 × 64 × 62 mm



150923 **Country people**



153041 Amateur gardeners



151026 **Garden workers**



130506 2 Holiday homes

Some patches of colour. Set of two single-storey wooden houses with longitudinal planking, double pitch roofs, one with annexed windscreen. Colour and lining of the facades are inspired by the gay loveliness of Swedish houses.

Epoch I • House 1: 106,5 × 82 × 62 mm • House 2: 106,5 × 64 × 62 mm



130608 2 Holiday bungalows

Set comprised of two massive one-storey dwelling houses made of wood with rectangular base as well as traditional hunting fence. Sash bar windows, doors, facade panels and double pitch roofs of different colours.

Epoch III • New Item 2018 •

Dimensions bungalow: $106,5 \times 64 \times 45 \text{ mm} (2 \text{ x}) \circ$ Fence dimensions: $180 \times 11 \times 3 \text{ mm} (2 \text{ x})$



Set of holiday homes

Holiday settlement consisting of three tent-shaped houses of different colours, each one with large roof windows, and ground plates with stairs leading to the small terraces. Recommended matching accessories to complement the kit: »Building interior decoration«, Art. 180545 and »Office furnishings«, Art. 180454.



The tower has a replaceable roof for respective architectural styles. 3 roofs are included. Reasonably priced and easy-to-build model requiring little space. Particularly suitable for the background.

Epoch II = 142 \times 87 \times 250 mm

130240

Village church

Church with a steeple. Reasonably priced and easy-to-build model requiring little space. Particularly suitable for the background.

Epoch II = 117 \times 114 \times 208 mm

130236

Village church

It has a peaked tower and a stork's nest on the roof.

There is the option of building this church either with or without boarding. Reasonably priced and easy-to-build model

requiring little space. Particularly suitable for the background.

Epoch II • 116 × 72 × 137 mm

■H0



130571

Farm chapel and Bakehouse

Rural ensemble consisting of a partly rendered chapel with a copper bell tower on wooden beams as well as a small bakehouse with large oven. Both models have a square base and shingle-roofed natural stone masonry.

Epoch I • New Item 2018 • Chapel: 48 × 46 × 90 mm • Bakehouse: 54 × 44 × 50 mm



130235 Chapel with wayside crosses

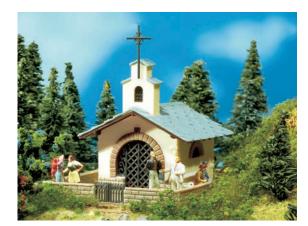
The wayside shrines and crosses can be used in many ways.

Epoch II • $65 \times 55 \times 100 \text{ mm}$



130237 »St. Bernhard« Chapel ^{Chapel with a small bell tower.}

Epoch II • 98 × 64 × 120 mm



130243 Mountain chapel

With finely worked wrought iron gates.

Epoch II • 71 × 71 × 66 mm



»Krone« Inn

Rural inn with two storeys, hipped roof and dormer windows, wooden outer stairs that are covered and lead upwards along two sides of the building, window and door frames applied by digital printing, and striking blue shutters.

Epoch I • 158 x 114 x 160 mm



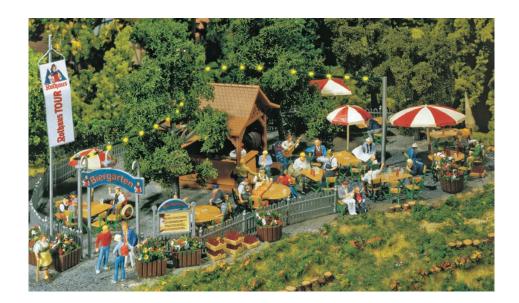
180663 Light chain with paper lanterns 2 light chaines with 5 lampions each. 16 V alternating current voltage (AC). 2 × max. 250 mm

180564 Beer garden

0

Beer garden as you would wish to find it. With tables, chairs, entrance sign, parasols, counter, lighted lamp festoon (180 mm) and various accessories.

Epoch III • $54 \times 54 \times 50 \text{ mm}$





130284 Boathouse

It can be positioned on all open waters; a boat is included.

Epoch III • 85 × 64 × 52 mm



130269

Village inn

The surroundings are provided with a pergola, a bandstand, tables and chairs.

Epoch II = 145 \times 145 \times 96 mm



130314 »The Crown« Inn Small inn with adjacent beer garden.

Epoch III • 167 × 105 × 100 mm



180957 2 Tables and 12 chairs Epoch III - New Item 2018



180910 Sun umbrellas, tables, benches Epoch II



180963 5 Beer tent tables and benches Epoch III - New Item 2018





130266 Half-timbered house

Half-timbered house in rural architectural style with brickwork basement and stairs to the entrance area.

Epoch II • Patinated model • 165 × 102 × 118 mm

Half-timbered two-family house

Easy to build for beginners, with decoration parts.

Epoch III • 140 × 106 × 126 mm



130270 Rural half-timbered house

House with roofed entries and with dormer windows.

Epoch II • 145 × 103 × 89 mm



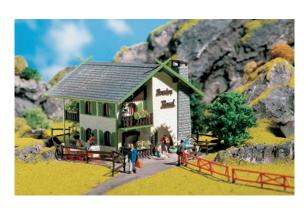
130280 House with stork's nest

Typical country house with an outer staircase up to the living quarters on the first floor and a stork's nest on the ridge of the roof. A real stork's nest with »inhabitants«, a rare sight in nature nowadays, here as a pleasant detail.

Epoch I • 117 × 115 × 104 mm



Epoch II • 154 \times 150 \times 104 mm



130286 »Rosel« Guesthouse Featuring many balconies.

Epoch III • 100 × 87 × 77 mm



130287 Mountain chalet Mountain chalet with very low roof and balcony.

Epoch III • $127 \times 93 \times 55 \text{ mm}$



≡H0

130277 Half-timbered chalet Chalet with canopy and small adjoining structures.

Epoch I = 115 \times 87 \times 59 mm

130560 Florist's shop

Say it with flowers! Small kiosk selling flowers with horizontal planking, awning and metal roofing. Flower tubs and variegated flocks are included for colourful decoration and display.

Epoch III • $110 \times 41 \times 55 \text{ mm}$





120135 2 Small kiosks

The advertising signs and the magazines are included in the construction kit.

Epoch III • Kiosk: 70 × 40 × 50 mm • Mushroom shaped kiosk: 50 × 50 × 60 mm



130212

Newspaper stand Kiosk with refreshments and sweets. Decal sheets included.

Epoch III • 80 × 77 × 48 mm

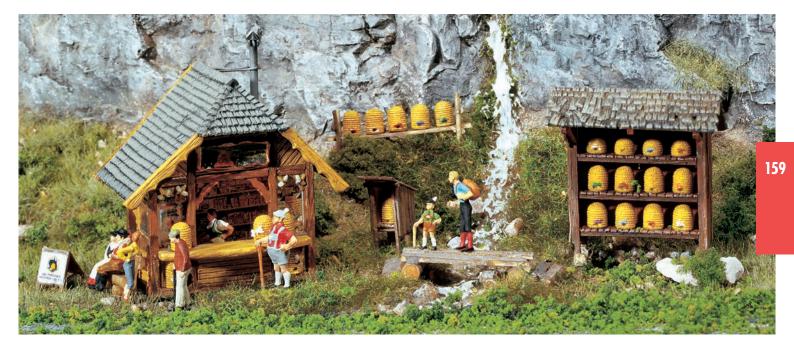
180587

2 Bus stop shelters

Bus stop shelters in timber construction as frequently found in small towns and villages.







130378 Beekeeping

Stall for the street sale of honey and schnapps. A roofed beehouse with straw-plaited beehive (without bees) and free-standing beehives are included in the package.

Epoch II • $60 \times 41 \times 62 \text{ mm} \cdot 44 \times 32 \times 47 \text{ mm}$

180385 2 Beekeeper's trailers

Two wooden bee carriages like those used by the itinerant apiarist who moves to different areas with his beehives depending on the places where the yield is better in the course of the flowering time. The colonies are stacked up one on top of another and store their honey in so-called sliding frames that are taken out from the rear for maintenance or the harvest, thus forming the modern beehives.

Epoch III • Patinated model • 92 × 46 × 43 mm • 70 × 37 × 37 mm





150911 At the bus stop



150919 At the apiarist's



153042 **Going shopping**







130299

Log cabin

A log cabin with axe, saw and wheel barrow which absolutely should be positioned in the forest.

Epoch II • $73 \times 52 \times 43 \text{ mm}$

130293

Forest log cabin

Forest hut in the style of a log cabin; a tool shed is built-on.

Epoch II • 83 × 78 × 40 mm

130288

Lumber yard Lumber yard with logs, rafters, boards and wood laths.

Epoch I • 130 × 86 × 56 mm

130294

Log barn Log barn can be used as an adjoining building to the estate or barnyards.

Epoch I = 106 \times 63 \times 55 mm

130185

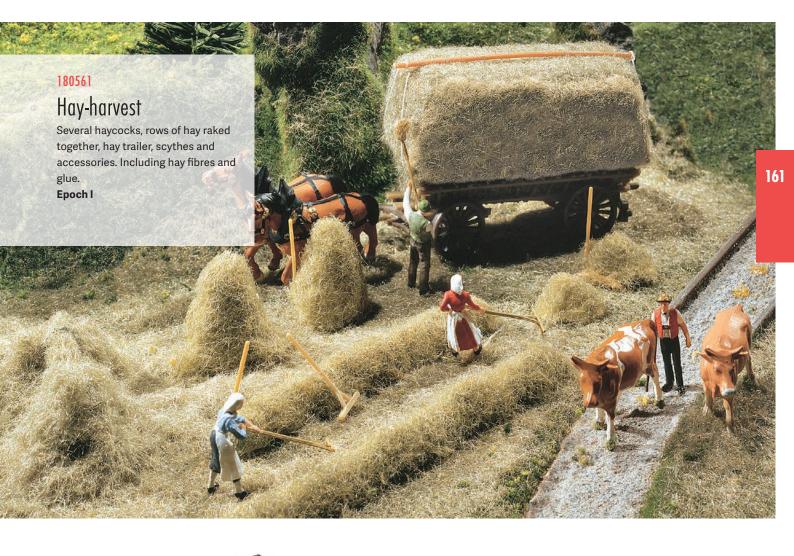
Woodshed

Small timber shed with hipped roof, can be built enclosed or open, at choice. Versatile use, for instance as shed for farming implements or fodder point. Notable ageing effect on walls and roof.

Epoch I • Patinated model • 80 × 63 × 46 mm









130334 2 Haylofts

Haylofts built in wood, as seen in fields and hillsides throughout the alpine countryside.

Epoch II • 75 × 65 × 50 mm (2 x)



130290

Hunter's lookout tower

A feed stand, a fountain and 3 fir trees are included.

Epoch I •

Hunter's lookout tower: $68\times67\times81$ mm \bullet Feed stand and fountain: $44\times41\times40$ mm

Norwegian house

Norwegian carpenter's work. Laser-cut model of a two-storey dwelling house in the style of a log cabin, with walls made of horizontal beams, canopy above the entrance, adjoining extension on the side and roof covering with plants of small size, all these gay colours allowing the house to fit in well in the scenery.

Epoch IV • Lasercut model • 142 x 142 x 75 mm





130570 Forest log cabin

For location on a slope. Laser-cut model of a half-timbered hut of post and beam construction above a masonry underground floor similar to an original located in Siegerland. The ground plan is subdivided into two zones, besides the dwelling aisle with shutters, outer fireplace chimney and a small photo-voltaic installation, there is an adjoining extension that can also be heated. Each storey has its entrance door.

Epoch I • Lasercut model • 95 × 104 × 76 mm



150935 Forestry workers



150934 Around the enclosure

M M MAR A M M M M M

150937 Animal enclosure



Forester's lodge

Two-storey hunting lodge on a stone pedestal, featuring green shingle siding that perfectly fits into the surrounding wood. The particularities of the model include the third gable, the roofing consisting of two different kinds of tiles and the exposed antlers used as facade decoration above the entrance. The loo and cellar trap door are located at the rear. Some roofing tiles can optionally be replaced with glass slates included in the kit.

Epoch III • Patinated model • 138 × 120 × 110 mm



130517 Cheese dairy

Let the cheese wheels roll! Our rural grower's traditional cheese dairy features a small shop for regional delicacies on the first floor. The light and cozy one-and-a-half-story building has a hipped roof, shingle sidings and a modern outside chimney. On the upper floor you can hang cheesecloths over a bar for drying. On the outside, oversized milk cans and an old cheese kettle make for a great advertisement visible for miles around.

Epoch III • 167 × 121 × 99 mm



Old farmhouse



From the popular farmhouse series. Single-roof farmhouse with two storeys and an attic, transverse division and masonry plinth. The half-timbered upper floor of that dwelling and farm building is lined with shingles on the weather side. A hut with baking oven and an adjoining shed at the rear extend the useful area. The parts supplied include a calvary and a small fence.

Epoch I • Patinated model • 190 × 140 × 145 mm



180381

Dunghill with crane

Small stationary crane with gripping pliers for hay or dung as well as servo driving parts to rotate it to the right and to the left. The matching dung-pit is also supplied.

Epoch II • Patinated model • Movable model • Crane: 30 × 100 × 80 mm • Manure heap: 90 × 70 × 33 mm



180386

Liquid manure carriage

Natural fertilizer. Two-axle manure carriage with an old wooden cask with iron hoops to spray liquid manure on meadows and fields. Such carriage was pulled by a team of horses or oxen.

Epoch I





Barn with access to upper floor

A symbol of rural life. Detached two-storey barn with third gable and different kinds of tiles. Boards on the facade, brickwork walls, Eternit slabs, rendering and a half-timbered upper floor to the gable end give that spacious farm building with lateral protection roof its original character. The drive to the ground floor and the upper access to the hayloft are closed by massive two-wing barn-doors. The kit includes a walkway ensuring the access to the upper storey.

Epoch I • Patinated model • 155 × 150 × 130 mm



180396 Small toilet with servo

Small rustic toilet made of wooden planks with lean-to roof, ground plate and driving parts allowing to move the door by using a servo. Dog kennel also supplied in the same tone as well as a figure.

Epoch I • Patinated model • incl. servo • Toilet house: $31 \times 30 \times 32$ mm • Kennel: $18,5 \times 15 \times 13$ mm • Depth: 27,5 mm



180387 Well and spring protections

Functional buildings for the catchment of springs. Set comprised of a small masonry building with crow-step gable and another spring protection with wall ornaments in the manner of the antiquity.

Epoch I = 51 × 51,5 × 33,5 mm = 79 × 12 × 42 mm

Farmhouse under renovation

Continuation of the popular FALLER Farmhouse series. Half-open representation of a two-storey rural dwelling house with third gable and two different roof coverings, which is being renovated so that the framework side with scaffolding only features the skeleton (made of real timber) without infill masonry between the braces. The remaining facades are partly rendered and partly lined with shingles, with mere wood lining on the gable.

Epoch III • Lasercut model • 188 x 127 x 122 mm





180333 Liquid manure pit

Practicable, round vertical concrete container to collect and store liquid manure, with fence posts, wire mesh, a pump and feed and discharge pipes to pour and extract the dung.

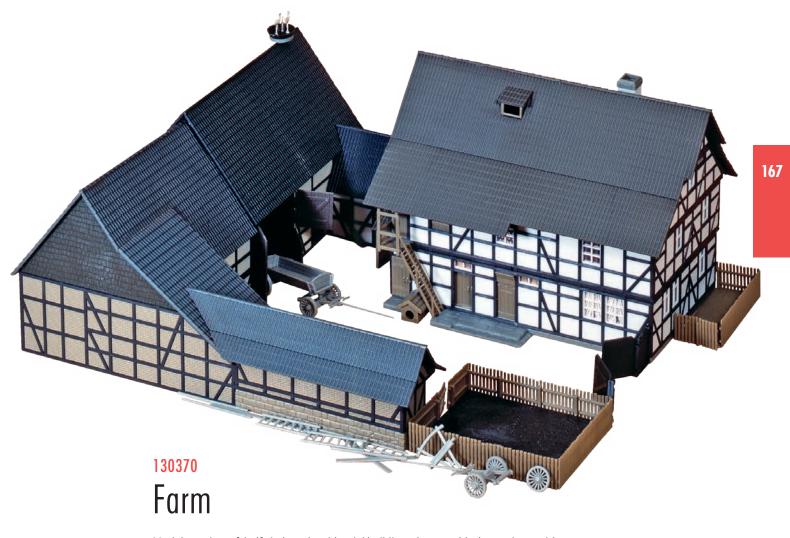
Epoch III • Patinated model • ø 142 × 38 mm • Width with stairs: 158 mm



150930 Building renovation



150938 36 Animals on the farm New Item 2018





Model consists of: half-timbered residential building, sheep stable, barn, pigsty with attached paling, accessories such as doghouse, dung cart, stork's nest on the roof etc. The elements can also be built individually.

Epoch I • 225 × 325 × 120 mm



161588 MF Tractor with wood chips trailer (WIKING)



161536 MF Tractor with trailer (WIKING)







154004 Cows, brown-spotted





BLACK FOREST

Home advantage! A first-rate model layout is bound to have some highlights. Experience the picturesque landscape of the Black Forest with its characteristic kits, fir-trees, and most varied scenes.









Black Forest farmyard

Large two-storey Black Forest farm of half-timbered construction with very low half-hipped roof, access to the upper floor, and lateral entrance. Some accessories matching the type of building are included, such as a manure carriage used as a flower tub, scythes, ladders, and other decoration parts.

Epoch I • New Item 2018 • Patinated model • 226 × 171 × 125 mm



180457

Distillery equipment

Fine drops! Small distillery equipment for the production of alcoholic spirits, comprised of two stills, a boiler, a centrifugal machine, buckets and cans. **Epoch I**

130577 Kinzigtal storage house

Storage house called after the valley of the same name, with beam fruit-press according to an original to be seen in the »Open-air Museum of Vogtsbauernhof«, masonry basement with corner stones, wood facing in the upper and intermediate storeys, and a half-hipped roof. The front of the building is subdivided into a low hipped end and a balcony at a right angle, the access to which is possible via the lateral outside stairs.

Epoch I • New Item 2018 • Patinated model • 125 × 116 × 88 mm









151007 On the farm



150945

Potato harvest

New Item 2018

Laser-cut model of a historical corn mill with shingle covering according to an original located in the »Hübschental« valley of Gütenbach. The gable end with the large water wheel driven by the brook's water power supplied via the discharge flume is protected by a hipped roof. Next to a millstone a small bench invites to linger for a while.

Epoch I • New Item 2018 • Lasercut model • Movable model • 98 × 78 × 60 mm • Depth: 12 mm







»Oberprechtal« Day-labourers' house



Day-labourers' house inspired by a historic original building of 1819 located in the open-air museum of Vogtsbauernhof in the Black Forest. The two-storey building with outer stairs, lateral shelter and half-hipped roof covered with shingles features a first balcony surrounding two facade sides in the upper storey and a second balcony protected by the overhanging roof on the gable.

 $\textbf{Epoch I} \bullet 144 \times 130 \times 114 \ mm$



180947

Draw-well

Cylindrical draw-well with drawing device and roof.

 $\textbf{Epoch I} \bullet 40,5 \times 34 \times 31 \ mm$



180332

2 gas tanks

Energy comfort for self-sufficient people! 2 overground storage containers for liquid gas for stationary installation outdoors.

180497 Small substation

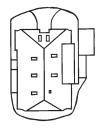
Caution, High voltage! Light-coloured substation tower with square base, double pitch roof and embedded steel girders with support insulators.

Epoch II • New Item 2018 • $44 \times 41 \times 107 \text{ mm}$





Black Forest farmyard



A dream model of a Black Forest farm which will ideally find its place in the valleys, meadow and forest landscapes in the background of your model installation. Equipped with many typically lovingly designed accessories. Everyone would recognize them - the Black Forest farms with their large shingled roofs, their lovingly designed balconies and galleries, the laterally annexed dairy for cooling the fresh milk churns, the dunghill in front of the stables and the small house annexed on the rear side to bring fodder and silage in and leading to the loft and granary. Such farms are widely scattered throughout the Black Forest landscape.

 $\textbf{Epoch I} \bullet 270 \times 240 \times 165 \ mm$

130387 Small Black Forest house

With timber framing, shingle roof and a side-mounted water-wheel which can be driven by retrofitting an electric motor (art. 180629, 12-16 V, AC voltage).

Epoch III • Movable model • 155 × 125 × 123 mm







Black Forest Farm with straw roof



Daily life of centuries past! Magnificent Black Forest farm, which unifies a broad-projecting hipped roof house – roofed half with straw and half with shingles, stable and barn. One white plastered storey rises from the stonewalled cellar level of natural stone and includes balconies with greenery, a milk house on the side with a well, which leads to a staircase and entrance ramp to the barn. Next to the stable, there is a manure pile. Scythes, ladders, and diverse small accessories are included in this elaborately aged model.

Epoch I • Patinated model • 230 × 220 × 145 mm

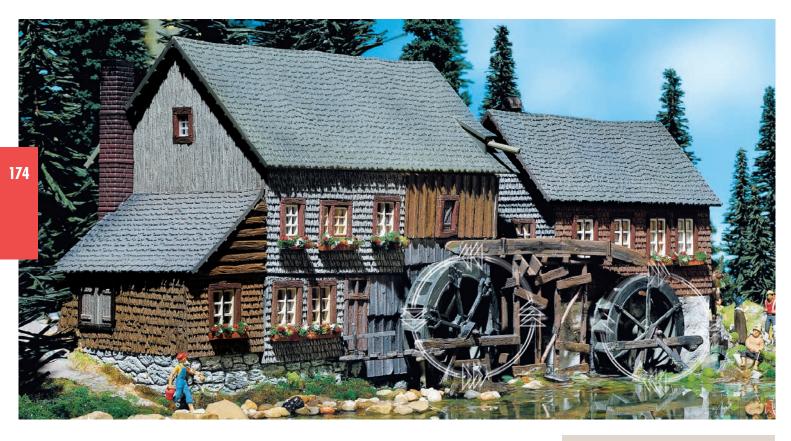


130367

Black Forest house

A small, typical Black Forest house perfectly suited for meadow and forest scenery.

Epoch I • 165 × 110 × 113 mm



»Hexenloch« Mill

The original mill, surrounded by a romantic landscape, was built in 1825 and has been in operation ever since.



The two waterwheels of the original mill are driven by water falling onto the wheels from above, the two wheels turning in opposite directions. The model has a motor (12-16 V, AC voltage), which also moves the log frame saw up and down. With terrain part.

Epoch I • incl. motor • 310 × 130 × 115 mm

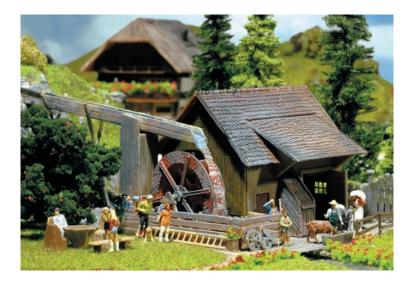
Excursion tip in holiday region Black Forest

The Witch's Hollow mill erected to serve as a sawmill is one of the most beautiful, typical old Black Forest mills and a popular point of departure for a large number of walkingtours. The mill was named after the gorge-like valley located between St. Märgen and Furtwangen and called »Witch's Hollow«. The mill today accommodates a restaurant as well as shops. That FALLER model is a permanent bestseller since 1982.

130225

Water mill with pump

With »overshot« water wheel, meaning it is powered from the top. This mill can be operated with real water. The construction set contains a special electric pump (12-16 V, AC voltage) and a bottom part. The pump is built into the mountain piece; it transports the water from the basin into the water channel. From there, the water flows back over the mill wheel, powers it, and runs back into the basin at the bottom. Therefore, the water is in consistent circulation.





Material cable-way

Alpine shuttle! Small single-track cable-car with two different transport gondolas for various usages in inaccessible mountain regions.

While goods are transported in open crates with slats (accessories include milk cans), the covered trolley is suitable for transporting a person. The material cable car serves to access mountain farms or provides mountain athletes a shuttle to high altitudes. The mountain and valley stations in open design construction are panelled with wood and their roof components are aged. Drive motor and controls are located in the shingle-roofed mountain hut with an addition on the back, benches for resting, wood burning stove and a fireplace. Driving motor and control system are included in the kit.

Epoch II • Patinated model • incl. motor • Mountain station: 83 × 58 × 52 mm • Valley station: 50 × 42 × 42 mm • Distance from mountain and valley station: max. 1000 mm • Inclination: max. 25°

LAKE OF CONSTANCE

Why travel so far? The beauty of the Swabian Sea has plenty of facets, the isles, sleepy old towns, ferryboats and sailing yachts, bathing beaches, organic viticulture and orchards.





130908 Vineyard with garden restaurant

Vineyard in a nice semi-timbered optic. This is a typical regional model that consists of many small parts, garden tables and chairs, as well as other decorative elements (material for flowers and climbing plants), and has a lot to offer. Also suitable as a hotel.

Epoch III • 240 × 170 × 152 mm

Π



181254 (H0, TT, N) Vines Total height: approx. 35 mm



180910 Sun umbrellas, tables, benches



180919 4 Benches





130505 Lake Café



Summer cocktails with beach ambience. On a modern terrace lovingly arranged three wooden constructions of different size, but connected with each other, line up along one axis: the entrance to the café-restaurant flooded with light through all-around glazing down to the floor, a bar area, and the kitchen with toilets for customers and tourists. The loveliest place is the large sunny terrace built on piles directly over shallow water, where it is possible to perfectly enjoy the relaxing atmosphere on a lake. Tables, chairs, sunshades, and a roofed advertising sign are included.

Epoch IV • Lasercut model • 180 × 175 × 120 mm



131012 Quay wall

Sheet pile walls with concrete covering and various bitts to fasten the ships. Ideal for building inland harbours and sea ports.



130513 Boats and pedaloes

This kit contains: 1 rowing boat, 1 sailboat, 2 rubber dinghies, 2 pedal boats and 2 canoes for the arrangement of beach segments and water scenes. **Epoch IV**

Epoch II • Patinated model • 518 × 16 × 37 mm





The »Sonne« Inn with summerhouse

A typical rural inn with a nicely formed terrace and a small summerhouse with tables and chairs.

Epoch I • 180 × 155 × 115 mm

Schlossberg Inn

This beautiful and luxuriously formed model can be placed ideally on a hill. The terrace and the tower base are made out of wood and glazed accordingly. Small parts for the installation are included.

Epoch III \bullet 203 \times 200 \times 180 mm



180445 Mountain bikes

Modern bicycles (mountain bikes) for designing many small scenes in a variety of models. **Epoch V**



≡HO









130372 Estate

Luxuriously designed estate property. The model consists of a main building and an outbuilding, as well as a small cultivated area and a wall around the entire property. Many design elements such as a sales stall for the farm shop and other miscellaneous small parts truly add value.

Epoch III • Main building: 174 × 125 × 125 mm • Outbuilding: 70 × 63 × 60 mm • Shed: 133 × 98 × 102 mm • Market stand: 32,5 × 36 × 31 mm



THE ALPS

The main thing is: steep! Whether idyllic Alpine huts or mountain chalets, steep slopes or traditional Alpine houses. Take with you home the nicest facets of the Alps as model.



»Moser Chalet« Alpine hut

Trekkers

Two-storey wooden construction with large sunbathing terrace at the front and brickwork foundation, fitted with tables, benches, fountain and solar panels on the roof. Offers ramblers and skiers an advantageous possibility of having a meal and passing the night.

Epoch IV • Patinated model • 182 × 130 × 120 mm



Waiters and waitresses

4 Chamois + 6 lbexes





Large alpine farm

Two-storey dwelling house in the architectural style of rural Alps, with rendered masonry ground floor ornamented with paintings in fresco technique applied through digital printing as well as an upper storey made of beams bearing the house's maxim.

The shingle roof with an ornament above the gable is weighted with stones. A cross with the Christ, a kennel and a toilets shack are provided with the kit for decoration.

Epoch I • 234 × 155 × 115 mm



Modern digital printing! Two-storey house in rural alpine style with cooper's shop. The facades and window jambs are ornamented with paintings, the accentuation of the facade with bushhammered angle ashlars and wall blocks on the ground floor as well as the shaping of a back corner of the building with column arcades.



Suspended bridge

Laser-cut model of a small suspension bridge with a walkway covered with planks, and handrails. It spans fairly deep gorges or allows to cross bodies of water. The bridge built can be of various length. A wire cable is included in the package.

Epoch IV • Lasercut model • 300 × 30 × 27 mm

130554

Alpine farm

Two-storey dwelling house built in rural alpine style and offering plenty of diversity. While the ground floor features white rendering, the upper storey is of sumptuous timber construction. The shingles of the slightslope roof covering are weighted with stones to protect them from being blown off by the wind. A large balcony runs all around the upper storey, with a smaller one being provided on the gable. The kit includes gable decoration, chimneys, and a wayside cross.



Epoch I • 179 × 156 × 115 mm



Summit cross with mountain peak

Tall wooden summit cross as can often be seen in the mountains. The rock forming the mountain peak and 2 figures are included. The current line of miniature figures offers ramblers and mountaineers.

Epoch I • Patinated model • 175 × 117 × 120 mm



180548

Rambling itinerary accessories

The package contains a shelter hut for ramblers, footpath signs, a wooden bridge, footbridges, an information panel – essential protection and orienteering elements for the rambler.

Epoch II • Patinated model • 42 × 32 × 28 mm • 39 × 18 × 13 mm • 120 × 18 × 13 mm • 106 × 46 × 19/53 mm



180390

2 Dams for stream

Two weirs in different sizes supply water for a mill, water meadows or simply allow for some angling delight along a stream. Slide, railing and stonework a combination of laser cut and die cast materials.

Epoch I • Lasercut model • 120 × 60 × 50 mm • 60 × 30 × 12 mm



180436

Avalanche barrier

Snow barriers. Supporting structures in Alpine areas for stabilisation of layers of snow. The kit includes 10 snow bridges as a set. You can use these to protect your miniature population from avalanches.

Epoch III • Patinated model • 31 × 24 × 36 mm (10 x)



Mountain rescue cabin



Where the mountain rescue workers start their alpine rescue missions. The two-storey mountain rescue cabin combines a solid stone plinth storey with a traditional log plan construction upstairs. The typical timber notches, masonry door and windows surrounding emphasise the solid outside of the cabin.

Epoch III • Patinated model • 165 × 96 × 90 mm

130292

Refuge

Enjoy the view! Such closed off mountain huts offer walkers, hikers and climbers shelter during thunderstorms. They can also be used as whistle stop or accommodation on the mountain. Our artificially aged model features wood-paneled walls, a shingle roof and a flagstaff.

Epoch III • Patinated model • 87 × 60 × 66 mm





154007 Fallow deer + red deer



154011 Mountain cattle

»Gentian« Pharmacy

Dwelling built in the alpine style.

Epoch IV • 150 × 130 × 112 mm





130331

Sports outfitters/ Paragliding school

This dwelling built in the alpine style accommodates a sports outfitters' shop and a paragliding school.

Epoch IV • Patinated model • 177 × 155 × 127 mm



Epoch V - 133 \times 33 \times 95 mm

NORTH SEA AND BALTIC SEA

On the shore! Every region has its peculiarities. Well known on that coast are light houses, harbour structures, ships, houses with reeds-thatch roofs, and the most varied windmills.



131010

»Hörnum« Lighthouse

The model used is the »Hörnum« lighthouse built in 1907 on the island of Sylt from over 600 cast-iron jacket plates screwed to each other. Slim red/white tower equipped with sea navigation lamp (blinking beacon) flashing at regular intervals (12-16 V, AC voltage).

Until 1930 it was used as a school for the children on Sylt. Today the ground floor serves as Registry Office.

Epoch I • incl. motor • 69 × 65 × 335 mm

130383

Windmill

Frisian construction, with masonry basement, wide gallery and windmill on top. The canvas-covered sails are operated by the motor supplied (12-16 V, AC voltage).

Epoch I • Patinated model • incl. motor • 180 × 180 × 320 mm





130250

Dwelling house with reeds-thatch roof

One-family house, classic clinker-built construction of northern Germany with reed-thatch covering the roof and over the dormers and matching flowers boxes and fencing.

Epoch III - Patinated model - 160 × 125 × 112 mm



130609 Clinker-built house

North German dwelling house, one storey, with sash bar windows and tiled roof. Door and window mouldings as well as chimney heads above both gables serve as restrained ornamental elements.

Epoch I \bullet New Item 2018 \bullet Patinated model \bullet 106,5 \times 64 \times 71 mm



187

130310 Northern German two-family house

Clinker-type construction, with winter garden annexes.

Epoch III • 160 × 125 × 110 mm



1917312 Storage housesfrom North Germany

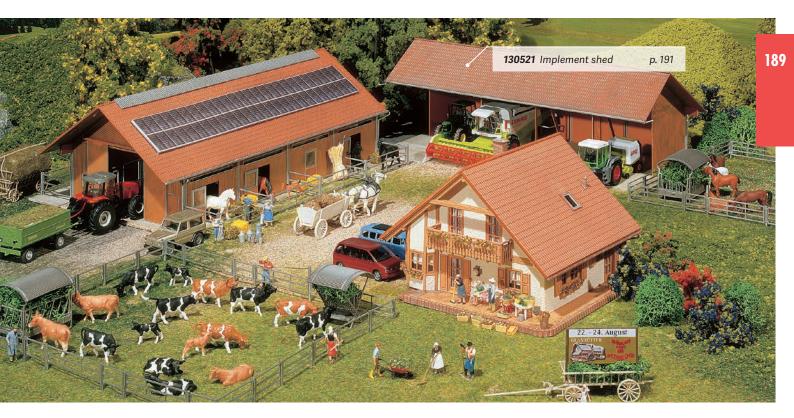
Two storage houses of different height with semicircular arched windows and traditional winches to carry the goods to the storage rooms.

Epoch I • New Item 2018 • 171 × 90 × 227 mm, 171 × 90 × 200 mm



EVERYTHING FOR THE FARM

Except country air! Many models and scenes tell of the love for countryside and animals. Whether you use small or large stables, silos and diverse sheds. You can create small marvellous paradises full of life.



Breeding farm

Breeding farm comprised of a modern dwelling house and a spacious stable, e.g. to keep cattle or horses, which can best be furnished by means of the »Stable interior equipment«, Art. 130525. The stable lends itself to the through traffic of car system vehicles and its sliding gates on both fronts can be made to open and close automatically by mounting the »Door drive unit«, Art. 180624 (not included). The »Implement shed«, Art. 130521 is not part of the kit.

Epoch V • Patinated model • Movable model • Residential house: 127 × 126 × 88 mm • Stables: 265 × 146 × 93 mm • Stable door: 40 × 50 mm



130526

Mangers

Various mangers for outdoor use intended for sheep, goats, cows, cattle, and horses.

Epoch V • Patinated model • 34,5 × 37 × 33,5 mm (2 x) • 31 × 19,5 × 24,5 mm (2 x)



161536 MF Tractor with trailer Epoch V - (WIKING)



Stables

Spacious present-day stable building for cattle or horse keeping, which can be furnished by purchasing the stable interior equipment (art. 130525). The broad sliding gates on both sides of the building can be made to open and close by mounting the door drive unit (art. 180624, not included). The stable lends itself to the through traffic of Car System vehicles (art. 161536 + art. 161552). Can be used as autonomous building or to supplement art. 130520.

Epoch V • Patinated model • Movable model • 265 × 146 × 93 mm



130525 Stable interior equipment

A stable interior equipment especially suited for fitting up the stables of art. 130520 + 130522. Also contains hay racks with skewed rungs to feed the cows as well as various partitions for the horses' stalls. Includes bright interior lighting.

Epoch V • Patinated model

130547 Livestock shelter

Modern commodious pasture shelter for livestock. The model's outside walls are made from real wood and the vertical boards are laser cut. We chose a special cardboard as material for the window tarpaulin. Framing construction, roof and the ample fence surrounding the shelter are made of plastics.

Epoch V • Lasercut model • 115 × 98 × 45 mm





130521 Implement shed

Implement shed, of open covered construction to place or park agricultural equipment and vehicles. Versatile use.

Epoch V • Patinated model • 265 × 120 × 93 mm

130523

Hay bale store with workshop

Roofed storage shed for the dry storage of hay and straw bales, open fitted-up workshop and garage (doors can be opened). Hay bales and other typical accessories of a workshop are included. Such a building should not be missing on any farm.

Epoch III • Patinated model • 188 × 92 × 45 mm





180621



Round tower silo in a corrugated iron look for feed and grain storage. With outer pipe, ladder and railings.

Epoch III • Patinated model • 52 × 41,5 × 123 mm

130530

Feed silos

2 tower silos with metal frame for dry outdoor storage of animal food, e.g. for pig-breeding, poultry farming, etc.

Epoch V • 27 × 24 × 65 mm (2 x)







Farmhouse with inn



Continuation of the popular farmhouse series. Large two-storey country house with catering and tiled roofing in different colours. In the ancient dwelling rooms with half-timbered upper storey, green shutters and board gable, the visitors nowadays enter to have a meal. The ancient stable and barn area features massive doors with lozenged doubling, and the coat of rendering chips off. Timber framework applied by digital printing.

Epoch I • New Item 2018 • 177 × 116 × 120 mm



180957 2 Tables and 12 chairs



18044440 Beer benches and 20 Tables



180440 8 Sunshades



Biogas plant

Perfect closed loop recycling management! This plant ferments biomass to valuable regenerative energy: i.e. biogas. The kit includes an open bunker silo that you can also use with Car System tractors and an airtight sealed silo covered with a tarpaulin that is weighed down with tires and sandbags. Together with the block heat and power plant, the two fermenters form the plant's heart. The model fermenters feature outside pipes and a ladder.

Epoch VI • Bunker silo: 264 × 74 × 26 mm (2 x) • Fermenter: ø 128 × 83 mm (2 x) • Building: 205 × 70 × 59 mm



180434

Fence systems for stalls and open stable farm

Plug-in system for up to 3- or 4-level fencing

Epoch V • Total length: 2000 mm (2 × 1000 mm)



161588 MF Tractor with wood chips trailer (WIKING)



154003 Cows, black-spotted



4 roofed looseboxes, fully fitted up, with outdoor fenced pastures at the rear. Note: By purchasing 2 packages the stables can be assembled to form a self-contained building featuring an open central gangway.

Epoch IV = 234 \times 119 \times 71 mm

130328 Henhouse with free range pen

Henhouse with free range pen for the backyard decoration in residential or village area. Consisting of a henhouse, feeding and water troughs, pigeonry, starling nest box, vegetation area with pond and wire mesh fence (without animals). You can find matching animals in the figurine programme.

Epoch II • Patinated model • 171 × 70 × 59 mm





153028 Stable staff, Groom, Trainer



154010 Hens + Geese



154002 Horses, brown-spotted cows



Wire mesh fence with wood poles

Also adequate to extend the fence of the henhouse (art. 130328).

Epoch III • Total length: 340 mm



180430

Paddock fence I

Three-row design, with wooden posts and gate. Best suited for pastures of horses and other animals.

Epoch II • Total length: 876 mm



180431 Paddock fence II

Two-row design, with posts and gate. Best suited for cattle pastures.

Epoch II • Total length: 876 mm



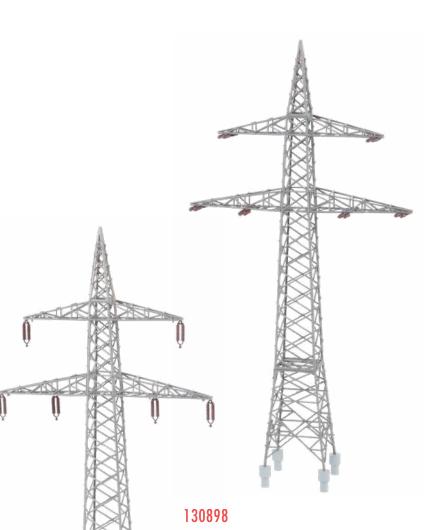
180415

Lattice fencing Classic wooden lattice fencing to limit or close the front garden.

Epoch I • Total length: 1060 mm



HO SCENIC MODELLING





180497 Small substation

Caution, High voltage! Light-coloured substation tower with square base, double pitch roof and embedded steel girders with support insulators.

Epoch II • New Item 2018 • $44 \times 41 \times 107 \text{ mm}$

2 Electricity pylons (110 kV)

Set of electricity pylons containing two identical steel German Donau pylons featuring a lower wider cross arm and an upper narrow cross arm on which insulators can be fixed upright or hanging. Can be built as one-level pylon variant, e.g. for traction power networks. Conductor cable for the transmission of electricity supplied (without function).

Epoch III • New Item 2018 • 161 × 51 × 312 mm (2 x)

180388

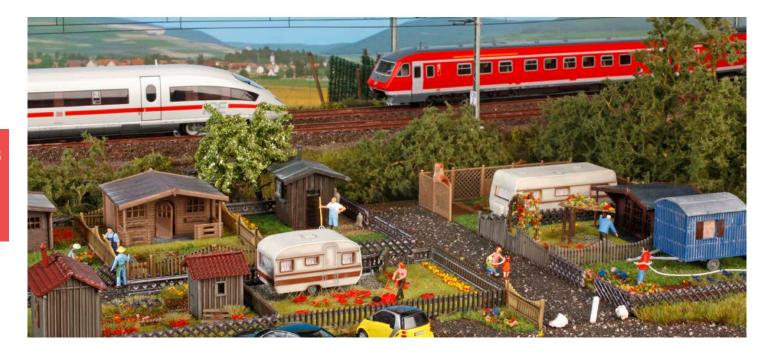
Small steam engine

Horizontal single-cylinder steam engine with digitally printed mounting plate looking like tiles to equip machinery halls and industrial models. Model cannot be provided with a drive unit.

Epoch I • New Item 2018 • 110 × 63 × 36 mm • Depth: 16 mm



197



ALLOTMENTS

Allotment gardens which can be constructed separately or expanded to become a large settlement. Quite common near railways or rivers.

The sets are supplemented with two nice PREMIUM scenery segments and typical accessories.

180494 2 Allotments with sheds Epoch III - Patinated model - 105 × 74 × 36 mm (2 x)



≡H0



180490 Allotments with contractor's trailer Epoch III - Patinated model - 105 × 74 × 40 mm



180491 Allotments with summer house Epoch III - Patinated model - 105 × 74 × 32 mm



130208

3 Summer-houses Timber construction. Versatile in their use.

Epoch IV • 36 × 36 × 32 mm •

54 × 49 × 32 mm • 60 × 53 × 32 mm



180442 4 Tables and 24 Chairs





180440 8 Sunshades



Swimming pool and utility shed

The perfect equipment for the garden with pool, utility shed with imprint and flower boxes, matching plant tubs and garden barbecues in masonry.

Epoch III • Patinated model • Pool: 80 × 44 × 26 mm • Summer house: 60 × 53 × 32 mm



180554

Garden design elements

Consisting of various brown creeper trellis, rose-tree arch, pergolas that are partly fitted with etched-wire filigree lattices, and plant tubs. **Epoch IV**



180607

Sauna inside barrel

A bit of well-deserved relaxation. A sauna drum on its side with a compact size and timber peg substructure lets you sweat yourself to health virtually anywhere. The rear flue tube and the tensioning straps lending additional stability to the drum are made from steel. Enter into the laser cut drum with pitched roof through a glass door.

Epoch VI • Lasercut model • 51 × 36 × 49 mm

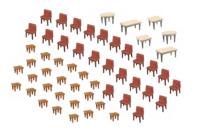
180415

Lattice fencing

Classic wooden lattice fencing to limit or close the front garden.

Epoch I • Total length: 1060 mm





180438 7 Tables and 48 Chairs



180439 24 Garden chairs and 6 Tables



180441 20 Benches



Barbecue site

Wooden hut with benches, log fountain, wooden benches, tables and stools, an open and a stone fire place with chimney and a pile of fire-wood. A smoke generator (Seuthe no. 100) can be fitted into the stone fireplace.

Epoch III • 78 × 54 × 48 mm



180577

Adventure playground

Adventure playground with tables and benches, litterbins, swings, seesaws, climbing structure, adventure hut, sand pit, giant stride and a wooden train. **Epoch III**



180576

Playground equipment With swing, slide, etc. Epoch III



180443

12 Park benches 12 Park benches in different colours. Epoch III

FASCINATING BALLOONING

202

Get in and waft into the air. The hot air balloon will take you closer to heaven. Burners and gas bottles provide lift for balloon cover and woven wicker basket. The RGB LED is not included in art. 131004. From above you can let your eyes wander across the model landscape and look for the right spot to land.

ARAL



A bit nearer to the sky. The basket made of woven osier and the red envelope with the cross of the Swiss flag will enlarge the theme of your installation in the vertical direction. Can be retrofitted by adding the minilight effect fire flicker Art. 180695.

Epoch IV • ø 170 × 228 mm

131001

Hot air balloon with gas flame

An RGB LED simulates a gas flame.

Epoch V • ø 170 × 228 mm



150915 Balloonists and spectators



150902 Passers-by II

∎HO

203

CAMPING

Pure relaxation! In the summer months the comfort of everyday life often stays at home and is exchanged for camping life. The motto is then: let's go and live in the tent or in the caravan.



130503

Set of camping caravans

Consisting of 4 caravans with awnings in various colours and camping furniture.

Epoch IV •

Caravan 1: 88 × 51 × 28 mm • Caravan 2: 56 × 48 × 27 mm



130283

Boats and windsurfing boards

21 parts: resp. 3 pedal boats, rowing boats, kayaks, rubber dinghies, windsurfing boards with sails, and 6 air-mattresses. **Epoch V**



130504

Set of camping tents

Consisting of 6 camping tents in different colours, 2 party tents and various camping tables and chairs.

Epoch IV •

Camping tent: 46 × 51 × 25 mm • Party tent: 35 × 35 × 30 mm



151053 On the camping site



151030 At the beach



151061 In the beach-chair



180583 Clock kiosk

Replica of a pre-war structure in Frankfurt on the Main. 4 large clock faces. Served as a newsstand.

Epoch I = 52 \times 52 \times 128 mm

180581

Fountain With figure, 4 jets and »water« surface.

 $\textbf{Epoch I} \bullet 43 \times 43 \times 56 \ mm$



130232

Ornamental fountain

An attractive centre of interest for a village square or a town circus. The fountain can operate with water pumped through by pump (art. 180627) when a water tank is placed below the fountain. When no water is used the bottom should be covered with lake plastic sheet (art. 170191) for realistic decoration.



Epoch III • Movable model • 101 × 100 × 64 mm





180585

Town accessories

Telephone booths, advertising pillars, letterboxes, hoardings, clocks, flower pots, bus shelters, benches, waste paper baskets, cigarette vending machines – with these accessories, in part several pieces of individual items available, the town or village looks real. **Epoch IV**



Market stands and carts

A selection of characteristic items of a farmer's market, incl. a hot dog stand. A particularly charming »Market Day« can take place in the midst of old town houses. Epoch II



180614

Flower and cheese stand

Pleasant flower and cheese stands, made to look exactly the same as at many weekly markets across the countryside. A variety of design elements are included.

Epoch V • 32,5 × 36 × 31 mm (2 x)



180400

Wall with gate

Wall parts of versatile use with tile coping and a large semicircular arched gate with double wing. Complement matching PREMIUM model »Bebenhausen Monastery«, Art. 130816.

Epoch I • 160 × 83 × 62 mm



151015 Market



150901 Passers-by I



150902 Passers-by II 205



Street decoration set

Bring life to your scenes left and right of the road. This great accessory set includes a small barrier, various garbage cans and bus stop signs, one pay and display machine, one ticket machine, one cigarette machine, one emergency telephone, one feeder pillar, one grit box, one dog poo bag dispenser, and 10 concrete posts. **Epoch IV**

180450

Street signs with accessories

Bring life to your scenes left and right of the road. This great accessory set includes various parking meters, iron posts, hydrants, a garbage container, a clothes container and a large number of street signs with freestanding poles as well as street signs for attaching to outer walls.

Epoch IV



180371 Automated parking barriers

Model of an automated barrier unit with two vertical columns and selfsupporting boom arms for monitoring access to parking spaces, parking garages or corporate facilities. The kit includes drive parts for both movable barriers so that you can easily attach servos.

Epoch IV • Movable model • 111 × 70 × 18,5 mm • Depth: 12 mm





Town decoration set

Set of decoration parts comprised of several ticket vending machines and different telephone booths and telephone hoods of the Deutsche Telekom.

Epoch V • New Item 2018



207



180394

2 Call boxes »Bundespost«

Set of two post-office yellow public call boxes of the closed type TelH78 from the times of the German Federal Post Office.

Epoch IV • 13,5 × 13 × 28 mm (2 x)



180543

»TOI TOI« Portable toilets

3 standard cabins and one toilet cabin for the disabled in a wheelchair.

Epoch V • 19 × 19 × 25 mm (1 x) • 14 × 14 × 26 mm (3 x)



Town Decoration Elements III

This package contains: 5 manhole covers, ø 11 mm and 6 sewage gully covers, 7 \times 7 mm (metal parts). **Epoch VI**



Town Decoration Elements IV

The package contains: 3 tree-water-protection grids (metal parts). Outer dimensions: 22.3 × 22.3 mm, Interior dimensions: ø 12.6 mm **Epoch VI**



180382 Tar boiler Epoch III



180912 10 Hydrants Epoch II



180932 Old-clothes container Epoch IV



Modern lifts

Two steel- and glass construction lift towers of different heights. Tall: use as outer lift on multi-storey buildings or pedestrian bridges. Low: use as ground-level lift access above underground car parks or along platforms, or as a visible shaft atop a flat roof.

Epoch V • 52 × 31 × 37 mm • 52 × 31 × 122 mm

180606

Modern shopping cart roofing

These roofings are located in front of every modern store and supermarket, directly connected to the building or throughout the parking lot. The ideal supplementation to the matching building models.

Epoch V • 60 × 52 × 54 mm



1805842 Bicycles stands with bikes

Kit includes two racks and 16 bikes. Adds realism to any scene.

Epoch II • $65 \times 30 \times 27 \text{ mm} \cdot 63 \times 25 \times 26 \text{ mm}$





180608

»Kiddie Rides« Rocking automats

Exciting chases on motorcycles, large scale operations with the fire fighters or shooting across the sea in a speedboat. Just insert a coin and your adventure starts with one of our five swinging kiddie rides. The kit also includes an off-road vehicle and of course a loco. **Epoch IV**

»City Compact« halts

The package contains the models of a covered and opened bus stop originally developed and implemented by Team Tejbrant as well as two bicycle stands with bikes.

Epoch VI • Bicycle stand: 60 × 26 × 11 mm (2 x) • Closed halt: 94 × 35 × 32 mm • Open halt: 90 × 41 × 32 mm





180345

Building site equipment set

Building site decoration set with implements and machines allowing to equip a building site, such as facade scaffolding, fall arrester, cement mixer, compressor and concrete vibrator, rubble container, portable toilet cabin and plenty of other containers and tools.

Epoch IV • New Item 2018



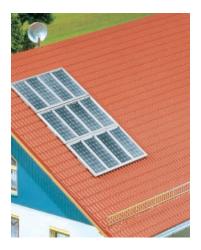
180601

Plaster silo and building-site trailer

Mobile silo, printed bags of plaster piled on pallets and a building-site trailer for workers and utensils.

Epoch IV • Construction trailer: 61 × 31 × 37 mm • Silo: 24 × 24 × 64 mm





180544 Roof equipment set

The set contains etched snow fences, solar collector elements, radio antennas, parabolic antennas, stainless-steel chimney parts, etc. **Epoch V**

≡HO

180589 Lumber assortment

Logs, rafters, boards, wood stacks, splinter wood – whether railway or HGV cargo, wood yards for joiners' workshops or sawmills – this extensive assortment of lumber is suitable for a variety of uses on any layout.



180588

Assorted goods

Wooden cases, sacks, barrels, machines and sack barrow – a plentiful variety for many purposes. **Epoch IV**





180604

Shop interior equipment

The ideal equipment devices for small businesses, consisting of mitre saws, planing machines, belt saw, table drilling machines, industrial shelves, fire extinguisher etc. **Epoch III**



180456

Locksmith's shop equipment

Professional mechanical equipment for metal-working companies. Set comprised of milling machine, pillar drilling machine, reciprocating hacksaw, turning lathe, tool board on the wall and various forging tools. **Epoch III**

180457

Distillery equipment

Fine drops! Small distillery equipment for the production of alcoholic spirits, comprised of two stills, a boiler, a centrifugal machine, buckets and cans. **Epoch I**





180421 »Wall« Noise protection wall

Noise protection in a green robe! Modular noise protection elements for the construction of public streets and railway lines, which in the original, unfold their complete protective effect after they have been filled with dirt and by means of greening – these show themselves to be close to nature.

Epoch VI • 370 × 3 × 42 mm



180420 »Concrete« Noise protection wall

Relaxing peace for residents due to less traffic noise! Modular noise protection elements made of a concrete construction for set-up next to public streets and railway tracks.

Epoch VI • $370 \times 3 \times 42 \text{ mm}$



180422 »Wood« Noise protection wall

Natural noise protection! Modular noise protection elements made of wood for the construction of public streets and railway tracks. Model with supports and base made in a steel and concrete look.

Epoch VI = 370 \times 4 \times 42 mm



180436

Avalanche barrier

Snow barriers. Supporting structures in Alpine areas for stabilisation of layers of snow. The kit includes 10 snow bridges as a set. You can use these to protect your miniature population from avalanches.

Epoch III • Patinated model • 31 × 24 × 36 mm (10 x)

211





Motor cargo barge

For inland navigation on model installations. Covered loading hatches and wheel house. Not buoyant. Flat bottom.

Epoch III = 280 \times 60 \times 67 mm



131006

River cargo boat with dwelling cabin

Covered loading hatches, wheel house and annexed dwelling cabin. Not buoyant. Flat bottom.

Epoch III • $360 \times 60 \times 67 \text{ mm}$



2 Houseboats

For hobby captains or permanent residence. Flat-topped hull. Non-floatable.



Epoch III • 164 × 53 × 46 mm (2 x)



Arched bridge

564 mm long, complete with 3 straight track beds each 188 mm and 18 pieces of concrete piers. The concrete piers item 120538 are compatible with this. Catenary operation possible. Particularly suitable for Märklin track C and all other track types. Can be extended with items 120474, 120475 and 120476.

Epoch II • 564 × 76 × 109 mm • Clearance: 46 mm • Track-bed height: 60 mm • Platform bed width: 72 mm





120541

Deck arch bridge

355 mm long, complete with 2 straight track beds. The supporting structure can be assembled in two different ways. Can be used for all model tracks except Märklin track C. Track bed elevation: 117 mm, diminishable to 91 mm.

Epoch II • 355 × 65 × 130 mm • Clearance: 105 mm



120534 Girder bridge

180 mm long. The bridge can be built above or below the track bed. Can be used as girder bridge for art. 120536. Can be used for all model tracks except Märklin track C.



120538 Concrete piers

18 pcs., each 7 mm. For art. 120482, 120534, 120536 and 120541.

Epoch II • 75 × 30 × 7 mm (18 x)

214





Arch bridge

360 mm long, complete with 2 straight track beds and 6 concrete piers each 7 mm. The bridge (art. 120534) is compatible with this bridge as a girder bridge. Can be used for all model tracks except Märklin track C.

Epoch II = 360 \times 65 \times 120 mm



Epoch III • 376 × 77 × 138 mm • Clearance: 45 mm • Platform bed width: 72 mm



120496 Fishbellied bridge

472 mm long, compl. with 2 straight 188 mm track beds and 2 bridge heads. Can be used for all model tracks.

Epoch II • Patinated model • 472 × 87 × 82 mm



Road bridge

Modern concrete road bridge to be used as a flyover spanning a railway, road or river. The bridge is ready for use with the Car System. Lay the wire (not included), apply the roadway sheeting and the fun begins.

Epoch V • 420 × 123 × 118 mm • Clearance: 112 mm



120533 Stone arch bridge

Several bridges can be attached to one another. Can be used for all model tracks except Märklin track C.

Epoch I • 355 × 64 × 120 mm • Clearance: 103 mm

120498

Stone arch bridge

Small, stonewalled natural stones, arched bridge with laser cut paths on the side and iron handrail. The model kit contains a sub-structure of wooden planks and is therefore, suitable for use as a railway bridge for Märklin C-tracks.

Epoch I • Patinated model • Lasercut model • 185 × 64 × 85 mm • Clearance: 52 mm • Clearance width: 50 mm





Old timber bridge

Old, thatched, arch bridge with timber bearing structure beneath a saddleback roof thatched with shingles. The two towpaths to the left and right of the channel lead through vaults lining the masoned defensive dikes. The superstructure's bearing structure and the handrails are made of real wood using laser cut technology.

Epoch II • Patinated model • Lasercut model • 370 × 83 × 110 mm



120209

Roofed pedestrian bridge

Slender stone pier bridge with roofed wooden framework, to be used as cycle track and footpath. Walkway, parapet and roof framework are made of real timber. Several models can be built in a row.

Epoch II • Lasercut model • 160 × 32 × 68 mm



180391 Suspended bridge

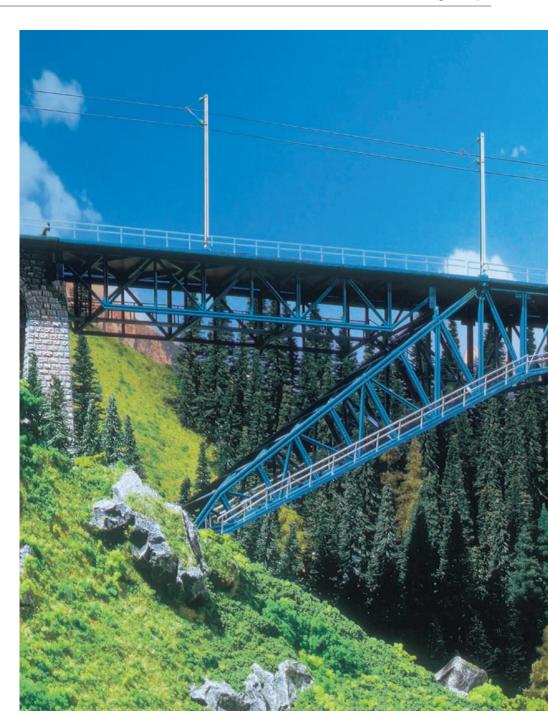
Laser-cut model of a small suspension bridge with a walkway covered with planks, and handrails. It spans fairly deep gorges or allows to cross bodies of water. The bridge built can be of various length. A wire cable is included in the package.

Epoch IV • Lasercut model • 300 × 30 × 27 mm

Bietschtal bridge

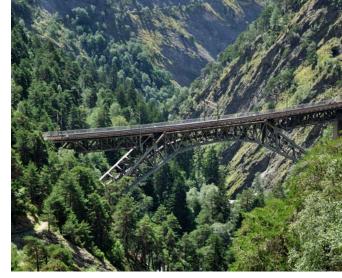
Original reproduction of the Bietsch valley Viaduct. This impressive structure is located on the route Kandersteg-Zermatt (CH) on the southern ramp of the Lötschberg Tunnel between Goppenstein and Brig. Railway traffic on two tracks. Usable for all model tracks.

Epoch II • 1100 × 115 × 255 mm • Clearance: 150 mm





Different views of the imposing structure of the original Bietschtal viaduct Photo credits: wikipedia.de, Hansueli Krapf









BIETSCHTAL-Projektierende Ingenieure: Stahlbau: Ing. Bürö J. Gut, Küsnacht Stahlbeton: Ing. Bürö Buetzer, Pfammatter, Visp. Bauleitung: BLS Bauabteilung, Bern Unternehmungen: Stahlbau:

Unternehmungen: Stahlbau: Zschokke-Wartman, Brugg Stahlbeton: Arge. Ed. Züblin, Sitten R. Kabermatten, Visp Korrosionsschutz: Lederer-Eisenhut, Oensingen

Lederer-Eisenhut, Oensinge Technische Daten: Länge 10 m Höhe Ber Talschle: 13 m Uberhäunge 80 m Songerspannen offente 80 m Versicher State 10 m Versicher State 10 m Versicher State 10 m Versicher State 10 m Mage Artistick des Boge s auf der Fels Bogensymmet 800 mere 800 Tonnen 2200 Tonnen 70 Tonnen 40 Tonnen 9 40 Tonnen

1000mü.M. VIADUKT

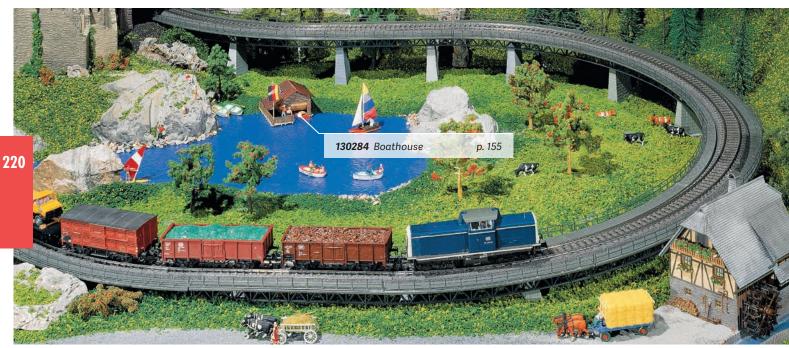
Verstärkung und Erweiterung

Geschichtliches: 1912 1 000 Tonr 125 000 Stk Baujahr: Gewicht Nieten: 30 Ton 13 000 10 000 Stk 2 000 Stk 80 Toni 14 000 12 000 Stk Gem Montages Schraube An and a second 220 Tonn 6 500 1 458 5% 5 424 5% 850 000. 1 470 000. 870 000. 1200 000. 690 000. 520 000.

3 6 Doppelspurausbau 40 Manufan Verstärkungsarbeiten (Beispiel Ersatz von Nieten (St 360) durch Schraub mit höherer Materialfestigkeit (HVP 10.9) zur Verstärkung von Stabanschlussen. ch Zul hrbahn (Längs atz der Schwe Fahrbahn um 4 in den Tunne ng für Vorbrücken tise der Tunnel



437.5 mm (Art 12047)





120471

Up and over bridge set

This set contains: 4 straight and 8 curved track-beds, 2 piers each of 15, 25, 35, 45, 55 and 65 mm height, 4 piers 75 mm, 6 pier tops 8 mm in order to adjust the height to fit the FALLER-bridges, and connecting tongues for the track-beds. The track-beds are suitable for model- and c-tracks. To extend either side of the ramp, additional piers (art. 120473), straight track-beds (art. 120474) and curved track-beds (art. 120476) are available. to be used for building a parallel circle (R 437.5 mm) for up and over bridge set (art. 120470).

Epoch I • Track, curved: R = 437,5 mm, 30° • Track, straight: 188 × 71 mm

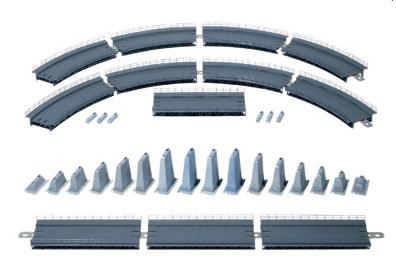
120470

Up and over bridge set

This set contains: 4 straight and 8 curved track-beds, 2 piers each of 15, 25, 35, 45, 55 and 65 mm height, 4 piers 75 mm, 6 pier tops 8 mm in order to adjust the height to fit the FALLER-bridges, and connecting tongues for the track-beds.

The track-beds are suitable for model- and c-tracks. To extend either side of the ramp, additional piers (art. 120473), straight track-beds (art. 120474) and curved track-beds (art. 120475) are available.

Clearance height: 66 mm resp. 81 mm with extension pieces. R=360 mm



Epoch I • Track, curved: R = 360 mm, 30° • Track, straight: 188 × 71 mm



120489 Bridge parapet set With two base piers.

Epoch II • 168 × 60 × 142 mm (2 x)



120477

Top section of stone viaduct

Straight, with 2 curves, 1 road bed (188 mm) with guardrail. Several top parts can be strung together.

Epoch I • 188 × 71 mm • Track-bed height: 65 mm



120478

Top section of stone viaduct

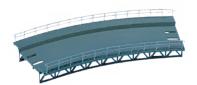
Curved, with 2 curves, 1 track bed with guardrail, 30°, middle radius 360 mm. Several top parts can be strung together.

Epoch I • R = 360 mm • Track-bed height: 65 mm



120474 Track bed Straight (as in art. 120470).

Epoch I • 188 × 71 mm



120475 Track bed Curved (as in art. 120470).

Epoch I • R = 360 mm, 30°

120476 Track bed Curved (as art. 120475).

Epoch I • R = 437,5 mm



120472 6 Piers Epoch I = 57 × 32 × 15 - 75 mm



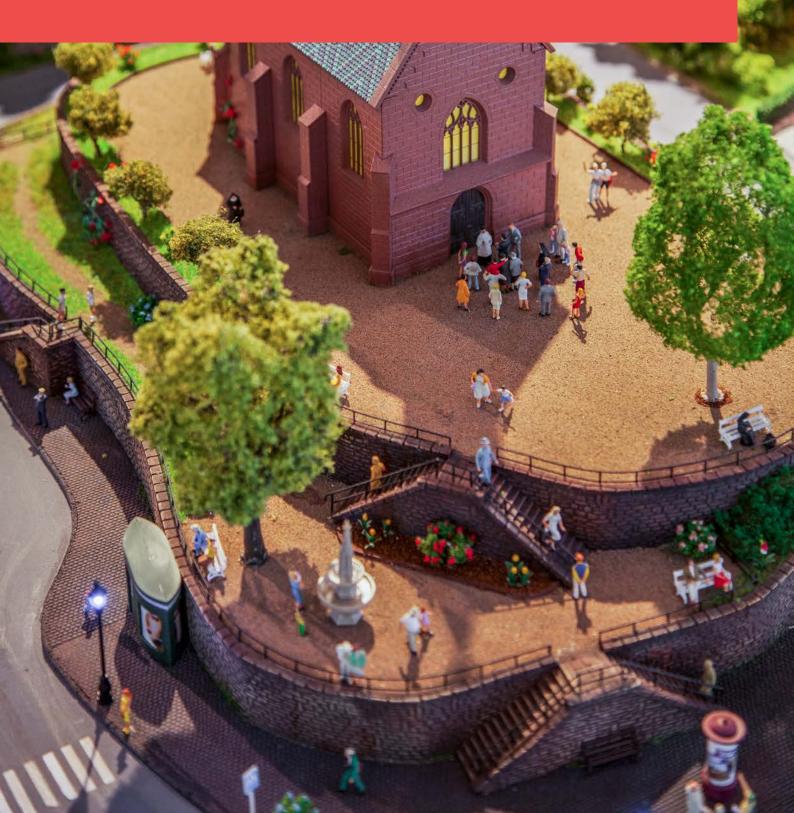
120473 6 Piers Epoch I = 57 × 32 × 75 mm



120479 3 Piers Epoch I • 48 × 32 × 180 mm



HO MINIATURE FIGURES



RAILWAY PERSONNEL, TRAVELLERS



150940 Shunters Period V/VI New Item 2018 **150943** At the container terminal New Item 2018



150944 Signal tower staff New Item 2018



151002 Railway personnel I



151003 Railway personnel II



151004 Engine drivers



151075 Steam locomotive personnel Epoch III



150921 Sitting people



150501 Travellers I



150502 Travellers II



150503 Travellers III



150504 Travellers IV



153044 Travellers



150701 Sitting persons I



150702 Sitting persons II



150703 Sitting persons III

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150936 Persons going the stairs up

PASSERS-BY



150901 Passers-by I **^**

150902 Passers-by II



150904 Passers-by IV



150907 Passers-by V **≜**⊾≇₽\$₹

150911 At the bus stop



150917 School children with teacher



151031 Playing children II





151086 Tourists



153042 Going shopping

OCCUPATIONS



150929 Staff in the chemical industry



150930 Building renovation



150931 At the fire station

Craftsmen



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150933 On the site of the accident

150934 Around the enclosure



150941 »UPS« Logistics staff New Item 2018



150942 Nuns and parson New Item 2018



150946 **Clinic staff** New Item 2018



150922 Dairy staff



150924 **Cistercian monks**



150935 **Forestry workers**



150925 On the building site



150927 At the workplace



150928 Modern firemen



150926 Washing system staff



150910 **Quarry workers**



150920 **Factory workers**







151001 **Transport workers and freight**



151006 **Firemen and accessories**



151033 Driver, transport worker



151010 **Filling station personnel**

226





151015 Market

151024 Hunters, lumbermen, deer 151036 Firemen, orange uniform



151039 Hunting



151041 Lumbermen



151051 **Construction workers**



151067 Waiters and waitresses



151070 Service station personnel



151071 »DHL« Transport workers



151072 Miners



151084 Mountain rescue service



151088 Industrial workers



151092 **Roadside assistance employees**



151095 **Rescue service at work**



151091 Street sweepers and channel diggers



151096 Factory workers with forklift

151098 At the slaughter house

153028 Stable staff, Groom, Trainer

FARM, BARNYARD



150945 Potato harvest New Item 2018

150923 **Country people**



151093 In the country



151007 On the farm



151060 On the farm

FREE TIME, SPORTS





151021 Bride and bridegroom



150912 Small band/Street musicians



150913 Winter figures



150915 **Balloonists and spectators**



150916 In the monastery garden 150919 At the apiarist's





151014 Washday



Supermarket/shopping trolleys

151026 **Garden workers**

151035



151030 At the beach



151053 On the camping site



151054 **Merry drinkers**



151055 Ramblers



151061 In the beach-chair 151064 Trekkers



151080 Garden party







153005 Band of musicians in national costumes



153027 Riders

153040 Bathers



153041 Amateur gardeners







180603 6 Motorcycles

FAIR



153050 Fairground Set of figures I To go with the attractions 140318, 140430



153051

Fairground Set of figures II To go with the attractions 140315, 140325, 140426, 140428, 140431, 140424, 140433, 140437, 140461



153052

Fairground Set of figures III To go with the attractions 140312, 140426, 140428, 140439, 140470, 140424

ANIMALS



154001 Shepherd, dog, sheep



154002 Horses, brown-spotted cows



154003 Cows, black-spotted



154004 Cows, brown-spotted



154005 Warm-blooded/cold-blooded horses



154006 Storks in their nest



230



154007 Fallow deer + red deer



154008 8 Goats + 7 Pigs



154009 4 Chamois + 6 Ibexes

154010 Hens + Geese



154011 Mountain cattle

154012 Cats + Dogs

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150938 36 Animals on the farm New Item 2018





THE LARGE PACKS ARE AN ESPECIALLY GOOD VALUE



1**53001**

Sitting persons Content: 36 pieces



153002 Travellers/Passers-by Content: 36 pieces



153004 Set of figures »Farm« Content: 36 pieces



153003 Fairgoers Content: 36 pieces



153006

Fairgoers Content: 36 pieces



153007 Beginner's Set Figures Content: 36 pieces

HO HOBBY SELECTION, LIMITED SETS



FALLER Hobby

Every beginning is quite easy. Extremely economical, easy to build and thus best suited to the first H0 model railway: here are the kits of the Hobby series. The range offered continuously changes.



131356 Gatekeeper's house Epoch II • 98 × 75 × 71 mm



131365 Signal tower Epoch II • 96 × 67 × 80 mm



131366 2 Platforms Epoch II • 178 × 68 × 71 mm (2 x)



131361 Footbridge Epoch II • 162 × 185 × 99 mm



131355 Dwelling house with terrace Epoch III • 130 × 118 × 81 mm



131358 Colonist house with culture Epoch III • 127 × 114 × 75 mm



131359 House with balcony Epoch III = 125 × 105 × 81 mm



131363 Colonist house Epoch III • 119 × 84 × 80 mm



131364 One-family house Epoch III • 138 × 83 × 85 mm



131360 Mountain chapel Epoch I - 90 × 67 × 122 mm



131362 Small mill Epoch II = 115 × 98 × 75 mm



131357 Water tower Epoch I = 147 × 78 × 114 mm



Epoch II = 158 \times 67 \times 107 mm

131367 »Donaueschingen« Signal tower



131369 Service station Epoch II • 160 × 140 × 70 mm



131371 Mountain chalet Epoch III - 146 × 126 × 99 mm



131368 Container bridge crane Epoch IV • 202 × 135 × 144 mm

Unmistakably FALLER!

All products of the popular HOBBY series are right now available in new high-quality packaging of modern design in showy colours: the H0 scale in red and the N scale in green.



131370 Gantry crane Epoch III • 244 × 80 × 178 mm





131372 Village church Epoch II • 134 × 73 × 228 mm



131373 Park accessories Epoch I



131374 Half-timbered house Epoch II • 121 × 126 × 95 mm



131377 »Burgdorf« Station Epoch I = 250 × 112 × 123 mm





131380 »Ebelsbach« Station Epoch I = 220 × 110 × 105 mm

131378 Platform footbridge Epoch II = 221 × 234 × 122 mm



131375 Grocer's shop Epoch II • 195 × 150 × 105 mm



131379 Black Forest farmhouse Epoch II • Black Forest farmyard: 146 × 126 × 99 mm • Bakehouse: 70 × 57 × 44 mm • Fountain: 41 × 21 × 23 mm



131376 Romantic town hall Epoch III • 145 × 95 × 148 mm



131381 Official building Epoch III • 141 × 132 × 135 mm



131382 Workshop Epoch II • 172 × 235 × 84 mm

SPECIAL SETS

Limited special sets! Punctually at the start of each model-making saison various promotional sets are supplied to the trade. They are composed of several building models that thematically match each other and are in some cases not available separately.



190064

Promotional Set Alpine village

Alpine ambience! Multiple-piece set in alpine rural style with traditional apartment building, a masonry hammersmith's shop with waterwheel, a small hay barn as well as a harvesting wagon, wheelbarrows, ladders and many others more as matching accessories. Contents: Hammersmith's shop, alpine house, grain store, accessories

Epoch I • New Item 2018 • Granary: 92 × 82 × 70 mm • Alpine house: 142 × 137 × 90 mm • Hammer mill: 310 × 115 × 100 mm

Promotional Set Handling of goods

Parcelled and bulk goods! Railway installation set of versatile use to combine the transport routes road and rail while using the gantry crane to store goods temporarily in the shed, then reload and dispatch them by rail after weighing. Contents: Gantry crane, store shed, waggon weighbridge, loading gauge

Epoch II • New Item 2018 • Rail weighbridge: 80 × 84 × 51 mm • Loading gauge: 60 × 10 × 110 mm • Storage shed: 222 × 140 × 71 mm • Gantry crane: 340 × 58 × 245 mm





Promotional Set »Duningen« Station

Interrail! Three-piece station ensemble comprised of a recently renovated rural building with adjoining store shed, a covered platform and an open footbridge to cross the track system. Contents: Station, platform, footbridge

Epoch III • New Item 2018 • Railway station: 310 × 140 × 120 mm • Platform: 417 × 48 × 68 mm • Foot bridge: 233 × 177 × 83 mm



Promotional Set Developing area

Finer living! Appealing new housing estate comprised of two modern one-family dwelling houses, a house in construction with open roof framing and corresponding building site accessories such as stones, sacks and pallets. Contents: Two one-family dwelling houses, house in construction, accessories

Epoch V • New Item 2018 • One-family house 1: $101 \times 117 \times 83$ mm • One-family house 2: $101 \times 117 \times 83$ mm • House under construction: $120 \times 90 \times 95$ mm • Fence: 710×16 mm



Trade Promotional-Set

Four-piece set of buildings with a wide variety of decoration elements allowing to lay out a small industrial estate with retail trade, manufacturing businesses and storehouse.

Epoch III • DIY store: 221 × 204 × 95 mm • Kitchen showroom: 217 × 136 × 105 mm • Brewery: 180 × 160 × 183 mm • Warehouse: 128 × 96 × 53 mm

190060

»Radebusch« Station Promotional-Set

Four-piece half-timbered station ensemble with covered waiting platforms and separate selling kiosk.

Epoch III • Railway station: 255 × 130 × 140 mm • Platform: 358 × 55 × 62 mm • Goods shed: 193 × 108 × 73 mm • Kiosk: 80 × 80 × 47 mm





190063

Old town houses Promotional-Set

Complete row of four old town houses which have just been renovated, with facades and roofs in various tones and shapes offering plenty of diversity. The middle buildings with shop premises on the ground floor allow a variable arrangement of street sides and yard sides.

Epoch I • Townhouse 1: 96 × 71 × 167 mm (2x) • Townhouse 2: 76 × 93 × 200 mm • Townhouse 3: 40 × 90 × 175 mm

Faller Klassiker

REAL COLLECTIBLES - REISSUED FOR THE ANNIVERSARY!



B-271 Villa in Tessin

Classic model! »A typical country house from the South. Most modern architecture. This model follows the original existing in Ambri located along the road Gotthard–Lugano.« First launch: 1961

Epoch III • 200 × 120 × 85 mm



109111 B-111 »Neustadt« Station

Classic model! »Modern station with passenger hall flooded with light. The restaurant section can be furnished with the tables and benches supplied to give the building a very natural atmosphere.« (Text from the original catalogue). This model follows the original that was at that time Goch Station located on the lower course of the Rhine. First launch: 1966

Epoch III • 529 × 158 × 158 mm



B-217 Petrol station

Retro asymmetry! Classic vintage model of a small service station with servicing hall, glazed reception room, dispensing pumps, advertising sign and lamps (without function) as well as some more accessories. First launch: 1958.

Epoch III • New Item 2018 • Petrol station: 113 × 104 × 39 mm • Petrol pumps: 100 × 16 × 30 mm



GENUINE CLASSIC MODELS!

Classic Models are issued in a high-quality retro packaging that includes a reprint of the relevant FALLER magazine of that time. Kits B-111, B-217 and B-271 today enjoy a cult status among fans as they marked the entry of the most varied aspects of innovative architecture into model making.

It is Hermann Faller, one of the two FALLER company founders, who discovered the »Villa in Tessin« during a sojourn in Switzerland in the fifties. Inspired by the then most modern building comprised of two parts featuring a common access in the middle through the terrace, Hermann Faller had a replica of that villa built in the Black Forest that was to become the residence of the family.

The classic series will continue.

MODELS OF THE MONTH

Month after month new special models or re-editions are launched in small quantities at an unbeatable price. It's worth being fast.



Inviting and well-kept, three-storey park hotel with roofed entrance area, masonry window borderings, and a turret on the roof.

Epoch III • New Item 2018 • 260 × 240 × 235 mm

Epoch I • New Item 2018 • 215 × 157 × 190 mm

»Bad Liebenstein« General post-office

Stylish! Three-storey half-timbered construction with ornament-

imitation of an original located in »Bad Liebenstein« in Thuringia.

ed gable and add-on tower from the period of promoterism, in



191728

»Sindelfingen« Half-timbered house

Historical half-timbered house with white rendered lower storey and masonry semicircular arched passage serving as pedestrians' subway. Model features a covered flight of stairs as well as a steep half-hipped roof with a turret.

191727

Epoch I • New Item 2018 • 210 × 120 × 215 mm

191729

Power station

Generating plant! Electric power station with dark-grey masonry plinth, light-coloured rendered facade and dog-legged outside staircase, to ensure the power supply of the surroundings.



Epoch II • New Item 2018 • 216 × 184 × 149 mm



»St. Niklaus« Station

Alpine world! Faithful reproduction of the Swiss »St. Niklaus« station building with adjoining goods shed and loading platform.

Epoch II • New Item 2018 • 310 × 127 × 120 mm

■H0



2 Storage houses from North Germany

Two storage houses of different height with semicircular arched windows and traditional winches to carry the goods to the storage rooms.

Epoch I • New Item 2018 • 171 × 90 × 227 mm, 171 × 90 × 200 mm



191732

»Balingen« Goods shed

Goods shed of timber construction with sliding gates and two transshipment platforms on the track side and street side.

Epoch II • New Item 2018 • 331 × 182 × 130 mm



Recycling depot

Collecting point. Fenced recyclable material yard with three roofed parking places for vehicles and tools as well as the most varied containers for recyclable materials.

Epoch V • New Item 2018 • 201 × 108 × 86 mm • Fence dimensions: 220 × 18 × 1 mm (6 x)



Machinery hall with steam engine

Elaborately equipped machinery hall with masonry, windows, adjoining extension at the corner, and tiled roof. Steam engine (without drive) within the building.

Epoch I • New Item 2018 • 186 × 125 × 155 mm • Depth: 31 mm



191735 Nurses' home

Five-storey building construction with masonry plinth and a large-area facade painted in light green, grey and white on the front of that slab construction.





The mill is actuated through an overshot water-wheel and features grinding work and stone gear, while fulfilling all prerequisite conditions for pressing oil and grinding corn. In addition to the mill the building features a dwelling storey. The model can be actuated using the modeller's motor, Art. 180629.

191736

Öhler Mill

HO COUNTRY SPECIFIC MODELS



COUNTRY SPECIFIC MODELS

Specific! Every country has its peculiarities as far as buildings are concerned. We try to take this into account with our country specific models. On request the relevant importer will indicate the suppliers.

SPECIAL MODELS SWITZERLAND

»Ostermundigen« Station

A typical Swiss railway station situated in Ostermundigen near Bern and attached, roofed platform.

Epoch II • 360 × 215 × 189 mm





¹⁹⁰¹⁰⁴ »Beinwil« Station

Beinwil station is located on the line in the Seetal valley between Emmen and Lenzburg in the Aargau. That typical station fascinates through its half-timbered construction and its canopy with wooden columns. The novelty of the forms using real timber and plastic impresses through its intense detail rendition.

Epoch V • 224 \times 150 \times 133 mm



190549 Gatekeeper's house »Stugl-Stuls«

Sophisticated laser cut model in the exclusive line »Swiss Edition«.

Epoch I • Lasercut model • 116 × 92 × 75 mm



190041

Butcher shop

Country butcher's shop »Gygax« spoils its customers with home-made products. That shop well known in the entire region also offers delicatessen products and has its own party service. The richly ornamented paintings in the rundi, that board cladding arch in the gable, present the history of that house with a long tradition.

Epoch IV - 200 \times 120 \times 136 mm





190040

»White Horse« Country Inn

You are cordially welcome to »Rössli« country inn rich in tradition. That two-storey inn with a double pitch roof and covered wooden outside stairs invites to feast.

Epoch I = 158 \times 114 \times 160 mm

190042

Wood oven bakery

There is a smell of crisp bread in »Lüthi« wood-oven baker's shop established in 1902. Master baker Lüthi does not propose only bread, but also freshly-baked plaited bun and exquisite cakes. The house has been renovated recently and the typical paintings in the rundi have also been lovingly touched up.

Epoch IV • 162 × 120 × 130 mm

190049

Swiss farm for organic cultivation

Characteristic house with everything under one roof including living, stable and barn areas. A sales stand is included in the model kit.

Epoch V •

Farm: 180 × 140 × 115 mm • Sales stand: 32,5 × 36 × 31 mm





Swiss mountain village

7-piece village set with 3 Alpine houses, 1 granary, 1 hay barn, 2 river bridges (1 x wood, 1 x stone), 4 field fences, signs, flag poles and decorating plates.

Epoch I • Mountain guesthouse 1: 84 × 74 × 52 mm • Mountain guesthouse 2: 96 × 88 × 60 mm • Mountain guesthouse 3: 96 × 92 × 60 mm • Granary: 92 × 82 × 55 mm • Hay barn: 82 × 82 × 43 mm • Wooden bridge: 256 × 55 × 32 mm • Stone arched bridge: 220 × 22 × 30 mm



190058

House of Emmental

Welcome to Emmental. A breathtaking typical Emmental House as can often be seen in the hilly landscape of the Bernese Mittelland. Balcony and gable are made of real timber.

 $\textbf{Epoch I} \bullet 144 \times 130 \times 114 \ mm$



190590 Swiss traffic signs Epoch V

SPECIAL MODELS THE NETHERLANDS



»Zaanse Schans« Village set

This set consists of two typical Dutch apartment buildings, a manoeuvrable canal bridge (manual) and a cargo barge.

Epoch III • Residential house: 113 × 117 × 123 mm (2 x) • Canal bridge: 140 × 60 × 80 mm • Engine load crane: 280 × 60 × 67 mm

190655

Windmill

Typical style still found in the Netherlands today. The blades of this model can be realistically moved by installing the motor (art. 180629, 12-16 V, AC voltage).

Epoch I • 205 × 165 × 265 mm



SPECIAL MODELS FRANCE



»St. Julien« Station

City railway station with wide doors towards the platform as can often be found in France. The extension 191102 is compatible with this station.

Epoch I = 204 \times 103 \times 120 mm

191102

Railway buildings »Saint Julien«

The matching building for the extension of the railway station »St. Julien« to the right and left. Can also be used independently as a small stop station.

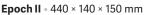
Epoch I • 145 × 88 × 72 mm



190605

»Aubance« Station

Railway station built in a French style with a separately standing freight shed which is equipped with sliding gates which can be opened and a wide loading ramp.



190602 Feedstuffs shop

Multistorey animal food works with two roofed loading platforms and a detached double silo with large capacity for storing and handling the products. It is filled using pipework.

Epoch III • 195 × 124 × 270 mm • 150 × 130 × 200 mm



190247

»Chronopost« Logistics center

The closed building block features a graveled flat roof and 19 roller shutters for incoming and outgoing goods. Light enters the building through skylights and the framing ribbon glazing.

Epoch III • 376 × 200 × 91 mm

190600 Brickworks

Multi-piece model includes the main building with combustion chambers, kiln and stack plus oast house for brick blanks. Includes rail lines and numerous decorations such as hand- and wheel barrow, wagons, ladders, stacks of bricks, and more.

SPECIAL MODELS SWEDEN



¹⁹⁰⁵⁶⁷ »Koppartrans« Service Station

Service station with shop, fuel pumps, workshop and car wash.

Epoch II • Petrol station: 192 × 141 × 64 mm • Repair shed: 85 × 65 × 39 mm



190566 Florist's shop

Building of timber construction with double pitch roof, partly covered outdoor area and an inviting glass facade. A pleasant ambiance is created by the included advertising panel and the planted pots in full bloom.

Epoch III • 152 × 76 × 68 mm



190565

»Karin« detached house

Single-storey, planked wooden house with double pitch roof, small dormer window and a typical Swedish entrance veranda.

Epoch I • 130 × 85 × 71 mm

Reference addresses

You can get the special models for the individual countries via the importer addresses or get information from the dealer address directory at • <u>www.faller.de</u>

Switzerland	The Netherlands	France	Italy	Sweden
ARWICO AG	Hobby Time B.V.	T2M	LEVEL S.r.I.	Leni's Lek & Hobby AB
Brühlstraße 10	Bornerbroeksestraat 455-B	Zone Industrielle - BP 6	Via Alessandro Volta	Kimstadsv. 103
CH-4107 Ettingen	NL-7609 PK Almelo	F-57380 Faulquemont	traversa III, 8	61020 Kimstad
			25010 San Zeno Naviglio	
Tel.: 0041 61 722 1222	Tel.: 0031 546 538 775	Tel.: 0033 387 292520	Tel: 0039 0306 3644 16	Tel: 0046 1153 836
Fax: 0041 61 722 1242	Fax: 0031 546 538 867	Fax: 0033 387 943722	Fax: 0039 030 636 44 15	Fax: 0046 1153 846
www.arwico.ch	www.hobbytime.nl	www.t2m.fr	www.levelgroup.it	lenislek.hobby@gmail.com
verkauf@arwico.ch	info@hobbytime.nl	info@t2m.fr	info@levelgroup.it	www.lenislek-hobby.com



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CHILLING STREET

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N RAILWAY STATIONS, RAILWAY BUILDINGS



Railway stations, railway buildings > Railway stations

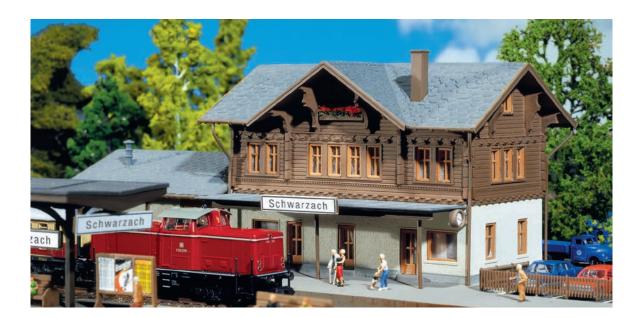


»Langwies« Station

Several railway station buildings of timber construction and same ground plan, in part mirror-inverted, have been set up along the Chur-Arosa line of the Rhaetian Railway. Those buildings that were erected nearly 90 years ago remarkably match the landscape.

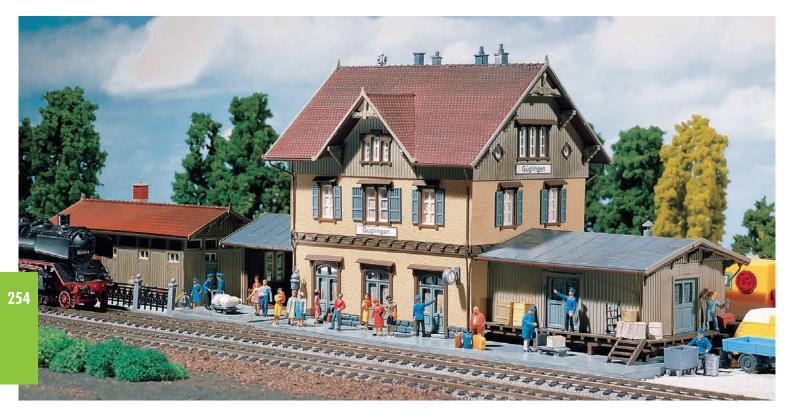
Their distinctive features are the place names and maxims carved in wood and set off in white colour. During the summer those buildings are additionally embellished with dozens of geraniums set in flower boxes.

Epoch II • Lasercut model • 118 × 65 × 65 mm



212108 »Schwarzach« Station with annexed goods shed and platform roofing.

Epoch II • 251 × 120 × 74 mm



212107 »Güglingen« Station



Attached freight station, covered waiting room and separate utility building.

Epoch I • Standard farm: 165 × 78 × 78 mm • Sanitary building: 73 × 30 × 35 mm

212117

Small town station »Sonnenbuehl«

Classic provincial town railway station with mounted freight shed and loading ramp. Ideal model for beginners to the railway station area.



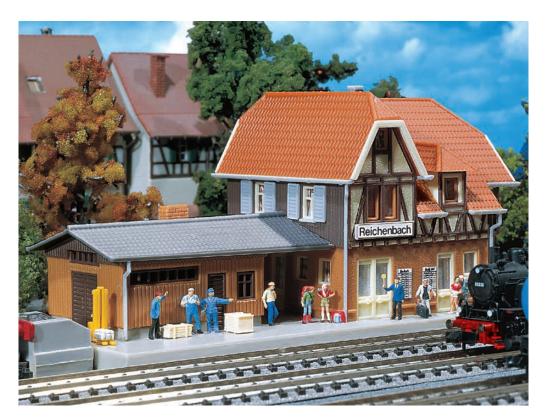


212106 »Hochdorf« Station

Classic station in rural areas with covered platform and adjoining goods shed. Platforms art. 222124 and art. 222125 can be used.

Epoch II • 250 × 120 × 88 mm



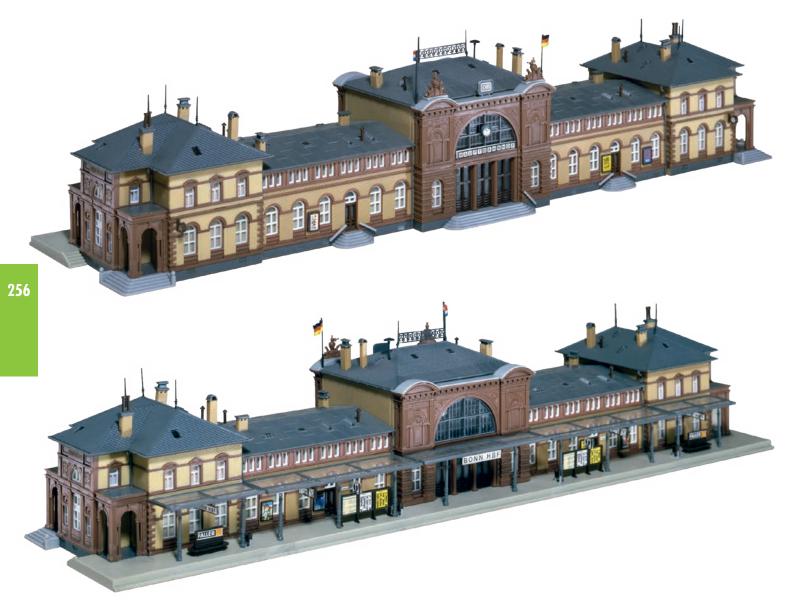


212104

»Reichenbach« Station

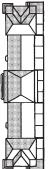
A typical small station with attached freight shed.

Epoch II • 163 × 71 × 72 mm



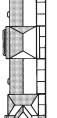
212113 »Bonn« Station

A construction dating back from the Wilhelminian period, in a neo-classical style with a world famous name. For 100 years the star of many »large railway stations«. Now, as a model it represents the star of the FALLER railway station concept. The beautiful richness of design which was partially reproduced from the original, the excellent reproduction of the many details captured by the remarkable delicate engravings and the variety of accessories make this construction kit the star model of every layout.



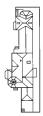
The railway station »Bonn« already has a grand format with approx. 500 mm length.

With the various models from the railway station concept »Bonn«, interesting railway station complexes can be built with the glass covered structure (art. 222128) and the platform (art. 222119). Because of the combination alternatives of the individual models the options range from a small suburban railway station to a grand main station.



Epoch I • 504 × 127 × 110 mm





»Schwarzburg« Station

The railway station »Schwarzburg« built around 1900 is the attraction of any model layout. Half-timber construction, open, roofed shelter platform, richly structured hip roof and attached goods shed.

Epoch I = 310 \times 107 \times 120 mm



»Karlsberg« Station

Urban railway station with white painted brick walls, sandstone, side facade and window borders, two corner buildings and centre section with a roofed entrance. Glazed platform roofing. The train shed (art. 222128) can be added.

Epoch II • 295 × 129 × 80 mm



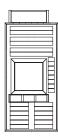






»Horrem« Station

Fantastic highlight in the railway station area for N scale enthusiasts. This faithful reproduction of the »Green Station« built in Kerpen-Horrem in North Rhine-Westphalia is the first modern station in the N collection. That lighthouse project of DB Station&Service AG is the first station to be built to combine globally the three aspects environment, energy and climate.



While the clear structure and the reserved tone of the slate building leave the trains the privilege of being the real stars, the large-area glazed facade and roof provide transparency and ideal daylight penetration for the travellers present in the central hall without any supporting pillar and its waiting area. The photo-voltaic installation making use of solar energy as well as the grassing of the roof surfaces of varying overhanging length round off that successful ecological model. Seats, modern lampposts and train destination indicators also form part of the kit.

Epoch VI • 242 × 107 × 60 mm

222121 2 ICE platforms

2 ICE platforms in modern design, with glazed waiting room, benches, paper baskets and information boards.

Epoch V • 500 \times 53 \times 35 mm





Modern platform with accessories

Two platform base plates with printed safety line and covering pavement. For the platform ends ramps with two different slopes are provided. The kit includes modern decoration elements such as train destination indicators, ticket slot machines, lamps, signs and information panels. The width of the platform can be chosen variably according to useful rated break points built into the part.

Epoch V \bullet New Item 2018 \bullet max. 400 \times 42 \times 8,7 mm

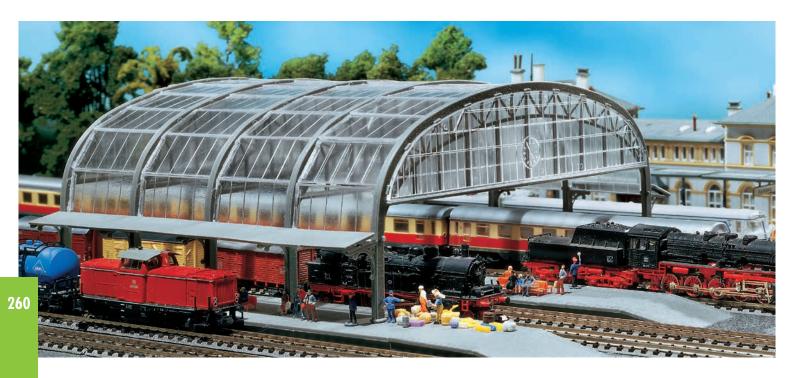


272904 Platform benches, billboards Epoch III

155322 Steam locomotive personnel Epoche III



155357 Guys at the station New Item 2018 259



222127 Station hall

Glass-roofed station hall. This structure can be extended in both length and width.

Epoch I • 365 × 220 × 85 mm



222128 Station hall

The glass covered structure is suitable for double track. Several platforms can be installed in tandem or side by side if so desired. An appropriate platform is art. 222119.

Epoch II • 168 × 108 × 90 mm





155005 Passers-by I 155006 Passers-by III



155250 Travellers



222124 Platform

Platform with decoration parts. Several platforms can be built in a row.

Epoch I • 584 × 37 × 41 mm

222119

3 Platforms

One open platform and 2 with glazed roofing. Many small parts such as benches and boards are included.

Epoch III • 167 × 29 × 33 mm (3 x)

222125

Platform Platform, partly roofed, with inclined ascents. Several units can be built in tandem.

Epoch II \bullet 581 \times 37 \times 40 mm

222126

2 Platforms

2 Platforms with decoration parts. Several platforms can be built in a row.

Epoch I • Patinated model • 363 × 40 × 37 mm (2 x)



222164

Platform

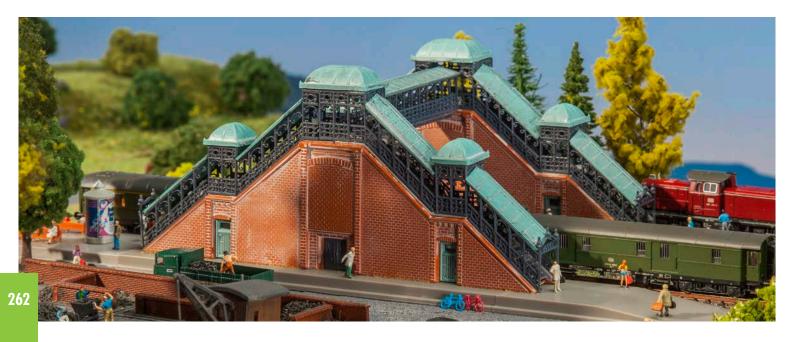
Platform, covered, with passenger's exit, access ramps and accessories.

Epoch I • Patinated model • 258 × 52 × 44 mm

261







Footbridge

Massive footbridge with lateral masonry. Flights of stairs and walkway are covered and ornamented with elaborate steel decorative elements.

Epoch I • Patinated model • 250 × 140 × 86 mm



»Radolfzell« Platform bridge

Aged model of the historical platform bridge in Radolfzell near Lake Constance. Stairwells and superstructure of the riveted steel construction, which covers two platforms, are covered by a roof.

Epoch II • Patinated model • 145 × 135 × 75 mm • Clearance width: 50 mm • Clearance: 40 mm



222151 Footbridge

The staircases on both sides can be arranged in various ways.

Epoch III • 215 × 120 × 80 mm • Clearance width: 130 mm • Clearance: 60 mm



»Waldhausen« Wayside station

Multiple uses. Laser-cut model of »Waldhausen« country halt located on the Amstetten-Gerstetten local railway line operated by the UIm Railway Friends, with plinth all around, light-coloured rendered facade and a double pitch roof at a right angle.

Epoch II • New item 2018 • Lasercut model • 50 × 35 × 41 mm



»Schönberg« Wayside station

Unique edition! Laser-cut model of a small station building at a halt similar to some originals located on secondary lines in the Schwäbisch Hall district. Timber framework with exposed wall made of bricks in a beautiful red shade and a hipped roof at a corner. Can be used in rural or urban areas.

Epoch II • Lasercut model • 52 × 35 × 38 mm



212105

Wayside station

Wayside station in the architectural style of a branch line – with a small roofed loading ramp.

Epoch II • 89 × 60 × 42 mm

222251 Toilet house

Polyvalent. Rural sanitary construction with double pitch roof, unrendered bracing, and wood facing facade, to be installed alone or to complement some stations lacking their own public WC.

Epoch II • New Item 2018 • 73 × 30 × 35 mm





222156 Signal man house

Signal man house in clinker construction, matching the clinker railway buildings. Material mix of coloured plastic, wood and special cardboard parts.

Epoch II • Patinated model • Lasercut model • 42 × 40 × 39 mm



222155 Gatekeeper's lodge

Gatekeeper's lodge with shed attached on one side and board cladding on the top storey.

Epoch II • 64 × 54 × 44 mm



222177

3 Trackside shanties

Tools for the maintenance of road beds are stored in them.

Epoch II • Patinated model • 34 × 24 × 24 mm • 40 × 35 × 22 mm • 40 × 35 × 22 mm



222178

Trackside decoration

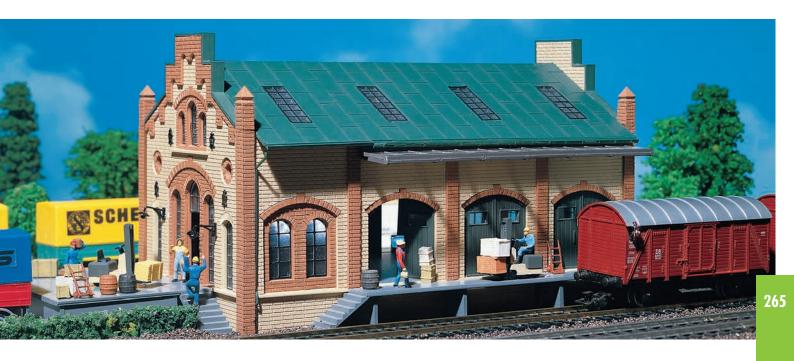
The parts of this set can be used at many positions along the railway line.

2 Waiting shelters for flag stops, 2 worker's shanties, 4 huts and 10 trackside telephones.

Epoch III



155304 Track layers



222134 Freight shed

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Freight shed with a free loading platform, 6 movable building doors and accessories. Several buildings can be built in tandem or side by side.

Epoch I • 173 × 82 × 73 mm



222117

Freight house with loading ramps on either side and many additional details including cable drums, stacks of ties, telephone, buffers, crates and sacks.





Freight depot with crane

Freight depot with roofed ramps on both sides and gates that can be built open or closed. A large, turnable crane is located on the end of the loading ramp.

Epoch II • Patinated model • Movable model • 182 × 98 × 65 mm

222193 Freight shed

Freight shed made of wood, with loading ramp and lateral ramp for vehicles.

 $\textbf{Epoch II} \bullet 115 \times 52 \times 44 \ mm$



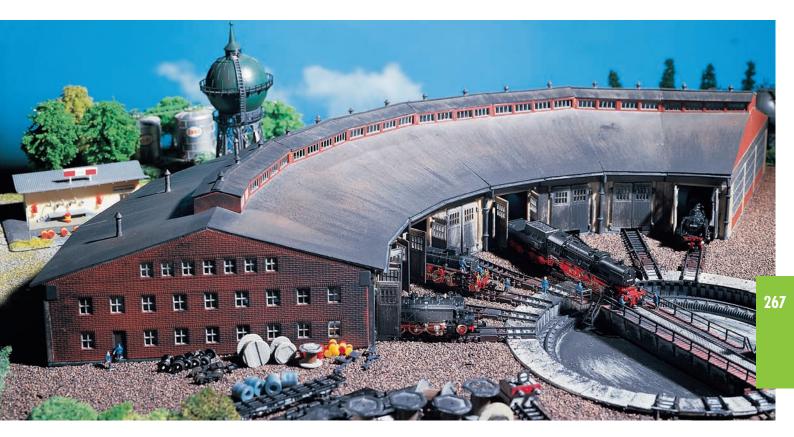


272909 Spindle lifting jacks

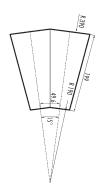
Lifting jacks with supports for the maintenance and repair of rail vehicles at the wagon depot. Equipped for the illustration of the operation with a motor. Non-functional model.

Epoch II • 48,5 × 11 × 22 mm (2 x)

266







222118 2-Stall roundhouse

Individual kits can be combined to build a larger structure. Clearance of gates: 40 mm. Interior for engines up to 180 mm length over buffers. Fan arch of tracks 15°. Lighting by means of 2 bayonet sockets MS 4 (equals Märklin 60.000).

Epoch I • 206 × 199 × 96 mm



Depot set engine shed



A FALLER highlight in new design. Set comprised of a three-stall engine house in half timbered building style with water tower at the rear. For engines up to 162 mm length over buffers, gate height 36 mm, spacing of tracks from centre to centre 37 mm. Set also includes two floor jacks with supports, a locomotive tube cleaner, a water sprout and a loading gauge.

Epoch II • 227 × 126 × 95 mm

222116

Engine house

Engine house from the steam train era, 2 stalls and working doors (spring mechanism). For engines up to 135 mm length over buffers. Several sheds can be placed side by side.

Epoch I = 188 \times 111 \times 68 mm



Two-stall engine shed

Two-stall engine shed for engines up to 138 mm length over buffers.

Epoch II • 215 × 105 × 95 mm • Gate height: 36 mm • Distance between centres: 37 mm

222141 One stall engine shed

One stall engine shed. The length of this structure can be shortened. Length over buffers: 155 mm

Epoch I - Patinated model - 175 \times 52 \times 62 mm

222108

»Branch line engine shed with block post« Set

Partly aged secondary line set consisting of a half-timbered engine shed, a brick block signal post with outside stairs, and a water spout with fencing for a heap of coal.

Epoch II • Patinated model • Engine shed: 90 × 61 × 62 mm • Signal box: 66 × 45 × 65 mm • Coal bunker: 45 × 45 × 11 mm • Water crane: 40 × 8 × 30 mm



Engine repair shed

This model can be used within and outside of the depot, e.g. as a locomotive shed, track engine repair shed, blacksmith etc. Doors on the front and back so trains can pass through. The module layout allows for a variable extension of the building and the construction of several models side by side. The fireplace is prepared to have a smoke generator installed.

Epoch I • 154 × 109 × 160 mm

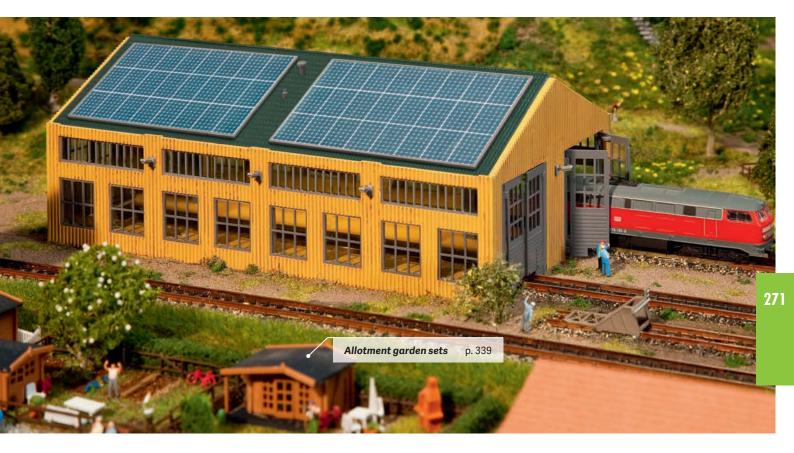


»Oberharmersbach« Railcar depot

Laser-cut model of a railcar shelter with an annexed building on one side, designed according to an original located in the Black Forest. The roofed yard of that timber construction can be used for instance as a bus shelter or for events such as the Sunday morning meeting to have a Railcar Shed Drink together.

Epoch II • Lasercut model • 106 × 72 × 43 mm





222110 Contemporary engine shed

Two-stall engine depot in a contemporary design with rooftop solar cell. The moving doors of the rectangular shed can be opened and closed by entering and exiting locomotives through use of the servo (art. 180726) and servo control (art. 180725). The kit contains parts for optional decorating with closed end wall or passage.

Epoch V • Patinated model • Movable model • 191 × 110 × 76 mm

222114 (N, Z) Small wagon turntable with servo drive

Laser-cut model of a manually operated turntable with wooden casing and two exits for the distribution of wagons at small depots or factory installations with freight service. It is driven by the included servomechanism. The building kit also contains inserts for the tracks HOf and Z. Required track length: 50 mm. Use our new servo (art. 180725) as the drive.

Epoch II • Lasercut model • Movable model • incl. servo • ø 63 × 35 mm



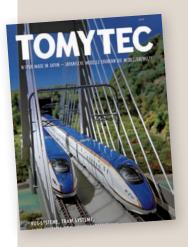


»Naumburg« Tram depot

Laser-cut model according to the original depot, classified as a historical monument, of the tramway company in Naumburg. That rectangular building erected in 1840 to serve as a riding hall and converted in 1892 into the present two-stall tram depot features a stone plinth all around, sash bar windows, a halftimbered gable and grey double pitch roof, and is considered to be the oldest tram depot in operation.

Epoch III • New Item 2018 • Lasercut model • 190 × 99 × 74 mm





Outstanding diversity!

First launch for two new tramway models in the tram system range of Tomytec's current leaflet. Both three-carriage models of Munich and Berlin public transport company can be combined with the motorized chassis Art. 978710 without using any tool, thus ensuring plenty of action and movement in the city. • All infos on: <u>www.faller.de/de/tomytec</u>





Segment turntable with servo

Small revolving plate with a branch-off angle of up to 37.5 degrees ensuring the space saving transfer of railway engines, in the confined space of terminal stations for instance. A thick wood-like plank as well as a powerful micro servo complement these points. 2 track profiles of 94 mm each included. To be connected to Servo Control Art. 180725.

Epoch III New Item 2018 Movable model incl. servo 96 × 83 × 9 mm Depth: 27 mm

273

11

222159 Overhead signal tower

A structure spanning two tracks. Catenary operation possible. Clearance: 43 mm (without track).

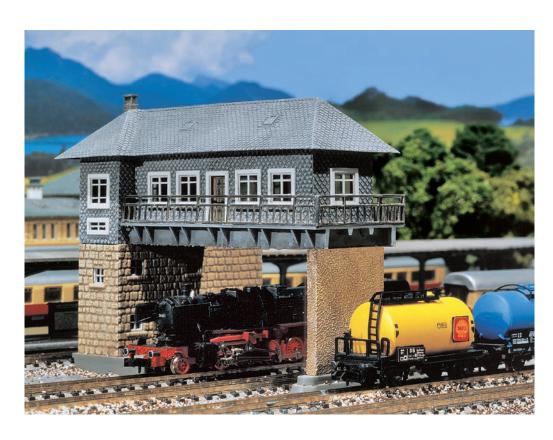
Epoch III • 123 × 110 × 94 mm



222160 »Brügge« Overhead signal box

Gantry signal box spanning three tracks. It will enhance any station approach.

Epoch II • Patinated model • 123 × 85 × 95 mm • Clearance: 44 mm





155343 Signalmen

222158 Signal tower

This small signal tower has an outer staircase and 3 control desks on the first floor. Its architectural style matches the signal towers on level crossings (art. 222170 and art. 222171).

Epoch II • $64 \times 38 \times 64 \text{ mm}$





222161

»Mittelstadt« Signal tower

Half-timbered signal tower with outside staircase and interior details on the second floor.

Epoch I • Patinated model • 57 × 38 × 59 mm

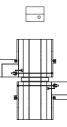


»Dahlhausen« Signal tower

Miniature of a Prussian switch tower on stilts with corrugated sheet covering from the collection of the Bochum Railway Museum. The stilt construction reduces the amount of space required to a minimum.

Epoch II • Lasercut model • 73 × 27 × 58 mm





Gated railway crossing

Microprocessor-controlled level-crossing equipped with 4 flashing St. Andrews crosses, 2 gates over the entire width of the road and a gatekeeper's lodge. Function triggered through a sensor, digital input also possible. Suitable for all types of track. Can also be used in the Car System for right-hand and left-hand traffic, on two lanes. Stopping places (art. 161675) have to be bought in addition. 12-16 V AC/DC voltage.

Epoch III • incl. motor • Level crossing: 210 × 190 × 90 mm • 64 × 54 × 44 mm

222170 Level crossing with signal tower

The railway crossing is fitted with electric drive, which noiselessly and realistically slowly opens and closes the gates.

The crossing can be installed on single and multiple track straights and bends of all track types. (12-16 V, AC voltage, 60 mA)



Epoch II • incl. motor • 150,5 × 117 × 72 mm • Depth: 18 mm



222172

Field track crossing

Field track crossing with gatekeeper's house and movable barriers.





Epoch I • 70 × 65 × 27 mm

Level crossing with signal tower

This crossing can be built into single- and multi-track straights or curves of all track types. Both barriers (dummies) can be replaced by four warning lights (dummies).

Epoch III • 150,5 × 117 × 72 mm



222175

2 Warning crosses with flashing lights

2 Warning crosses with flashing lights for unprotected level-crossings. Switching printed circuit included. 12-16 V AC/DC voltage. **Epoch III**

222173

Guarded level crossing

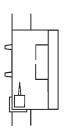
Guarded level crossing with gatekeeper's shack. For straight and curved tracks of all makes.

 $\textbf{Epoch II} \bullet 143 \times 98 \times 42 \ mm$

222174 Level crossing with gatekeeper's lodge. For incorporation into one-track or multi-track routes. Without drive. Epoch II - 204 × 134 × 46 mm

277





Coal spill platform with driving components

Stone-walled spill coal handling with an elevated storage level in order to use with landscape formations. From the remote corners of the bunker the coal is pushed within the reach of the coaling crane by means of trams or directly carried by means of delivery chutes to the locomotive tender. The kit includes small components in order to effectively operate the crane cab with a servo.

Epoch II • Patinated model • 255 × 108 × 62 mm



Gantry crane in timber construction as it is sometimes still used at small railway stations.

Epoch I • 86 × 40 × 72 mm



222199

Gantry crane

This very typical railway model can not only be used in the depot. A gantry crane can be built with the parts of this construction kit, which spans over two or three tracks.

Epoch I • 85 × 17 × 58 mm • Clearance: 45 mm

Gantry crane

The large gantry crane can be fitted with a clamshell grab, hook or log grab, and is thus suitable for operation in the most varied working areas. Cabin and jib can be adjusted manually. Clearance under the gantry 43 mm. Crane can be moved manually on its own 190 mm track.

Epoch II • 188 × 40 × 141 mm



222176

Loading crane with freight

Loading crane slewing by hand. Without lifting or lowering function. Various types of loads are included.

Epoch I = 50 \times 14 \times 38 mm



222200

Small portal crane

Small portal crane for handling goods from street to railway or railway to ships. Top of crane can be rotated manually.

Epoch II \bullet Movable model \bullet 188 \times 57 \times 109 mm

222137 **Cooling station** Prototypical coaling system, complete with high-rise bunker, 1 coal shed (190 mm) and portal crane (like item 222198). Parallel tracks for high-rise bunker 48 mm. Clearance height: 40 mm

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Coal for decoration included.

Epoch II • 189 × 162 × 141 mm



222154 Coaling station

Coaling station with manually movable loading crane and tender. For small service areas.

Epoch I • Patinated model • 119 × 44 × 66 mm

222138 Water standpipe, loading gauge, locomotive tube cleaner

A kit to complement the servicing area consisting of loading gauge, water spout and a stationary pipeblasting frame. **Epoch II**



222139

4 Water cranes

These delicate water cranes with rotary upper parts feature external heating equipment. Gully grates are also included.

Epoch II • 41 × 11 × 34 mm (4 x)

222147 2 Inspection pits

2 Inspection pits, with 2 rails moulded on.

Epoch II • Patinated model • 209 × 51 × 8 mm (2 x)





222146 Sand house

A model set for the steam depot. Sanding tower with high-level tank. Sand house with slidable roof for loading and a bag of »sand« for realistic decoration.

Epoch II • Sand house: 86 × 30 × 18 mm • Sand tower: 24 × 24 × 78 mm

222166 2 Sanding towers

Alongside the engine shed tracks. Two steel towers linked with each other through a platform and featuring cross girders and ladders to ensure the filling of engines with brake sand. Dry gritting sand reaches both silos through a rising pipe and is poured via swivelling delivery booms.

Epoch II • 64 × 24 × 79 mm





222194 O:L +-

Oil tank

Surface supply tank with petrol pump and filling hose. Now, every small company can provide its vehicles with diesel oil.

Epoch III \bullet Patinated model \bullet 52 \times 24 \times 23 mm



222131 2 Oil storage tanks

2 oil storage tanks with ladderway and catwalk. Stickers of various oil companies are included.

Epoch III • 130 × 85 × 50 mm



»Bielefeld« Water tower

Water tower from Bielefeld with masonry entrance area, clinker tower and spherical water holder.

Epoch II • Patinated model • 51 × 49 × 133 mm

»Haltingen« Water tower

Water tower with spherical tank and filigree steel girder construction. Shack as entrance to the pumping station, well cover and vent pipes included.

Epoch II • ø 65 × 38 mm • H: 150 mm



»Süssenbrunn« Water tower

Water tower with a very attractive structure made from original plans.

Epoch II • Patinated model • 58 × 58 × 135 mm

222150

Water tower

Water tower with some decoration parts typical of railway line areas, such as: axles, piles of sleepers, corrugated-sheet huts, water spout, switch lever, and bumper.

 $\textbf{Epoch I} \bullet 75 \times 70 \times 90 \ mm$





N TRADE, BUSINESS, INDUSTRY



222221 »UPS« Logistics hall

Efficient. Generous transport and storage capacities are offered by this single-storey construction with double pitch roof, trapezoidal sheet facade, strips of windows and annexed office of the »United Parcel Service of America, Inc.« offering Courier, Express and Parcel service. The smooth flow of arriving and leaving goods is ensured by 19 loading/unloading platforms fitted with rolling shutter doors, while up to 10 of them can be fixed in the open position. Expandable in length and width by juxtaposing several models.

Epoch V • New Item 2018 • 222,5 × 122 × 76 mm

272537

Assorted goods

Assorted goods as casks, barrels, wooden cases and planks. Epoch III





155359 »UPS« Logistics staff New Item 2018



272902 2 Dump bodies Epoch III

MANAGING THE FLOW OF GOODS

Turnover and terminal in focus. The containers, which are available in two different sizes, are perfect as cargos for demonstrating mobility with different forms of transport or for realistic scene design at terminals. All models are provided ready assembled and painted.



272820 40' Hi-Cube Container »K-LINE« Epoch V • 76 × 15 × 18 mm



272821 40' Hi-Cube Container »MAERSK« Epoch V • 76 × 15 × 18 mm



272840 48' Rib-Side Container »GENSTAR« Epoch V • 92 × 16 × 18,5 mm



272841 40' Hi-Cube Container »CAST« Epoch V • 76 × 15 × 18 mm



272842 40' Hi-Cube Container »Hapag-Lloyd« Epoch V • 76 × 15 × 18 mm



272843 40' Hi-Cube Container »EVERGREEN« Epoch V = 76 × 15 × 18 mm



»Schmidt« Shoe factory

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Large shoe works accommodated in a two-storey brick building featuring facing gables, pilaster strips and small arched friezes to optically structure the storeys as well as two one storey annexed outbuildings with shed roofs.

Epoch I • 184 × 229 × 90 mm

Iron foundry

The three sections can either be built together or separately. Covered loading ramp, overhead gondola transport system (motor art. 180629 not included, 12-16 V, AC voltage). The chimney-stack can be fitted with a smoke generator.

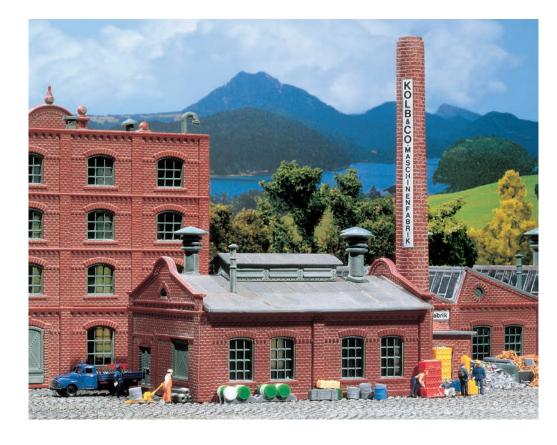
Epoch I • Movable model • Warehouse: 276 × 118 × 160 mm • Administrative wing with production hall: $344 \times 118 \times 160$ mm



222202 Boiler house

With factory chimney; it gives the finishing touch to buildings art. 222201 and art. 222203.

Epoch II • Patinated model • 126 × 74 × 135 mm





222203 2 Factory halls

Two production halls with North light roof - to go with the main factory building (art. 222201). Extensions to be added.

Epoch II • Patinated model • 92 × 68 × 50 mm (2 x)



155344 **Factory personnel**



155354 Industrial workers



222201 Machine factory »Kolb & Co.«

A typical factory in highly detailed brickwork. By using several kits this building can be extended in height and length.

Epoch II • Patinated model • 94 × 81 × 124 mm



Diesel oil facility

Diesel oil depot comprised of operator's stand, shed, two flat-bottom tanks surmounted by a catwalk, with piping and a concrete collecting trough, a vertical oil tank with ladder and platform, three dispensing pumps protected through two shelters of different height as well as two thick planks and plenty of floor plates.

Epoch IV • New Item 2018 • Tanks: $119 \times 62 \times 60 \text{ mm}$ • Oil refueling: $33 \times 22 \times 38 \text{ mm}$ • Large dispenser: $70 \times 13 \times 17 \text{ mm}$ • Small dispenser: $21 \times 13 \times 16 \text{ mm}$ • Track inserts: $35 \times 6,5 \times 1,2 \text{ mm}$ (6x), $35 \times 17 \times 1,2 \text{ mm}$ (12x)



232217

Service station

With sales room, pay desk and service bay. The pumps are covered by an overall roof. Decoration strips for several oil companies are included.

Epoch IV • 110 × 93 × 35 mm

BP petrol station

Petrol station in the architectural style of the fifties – with rounded petrol pump roofing, cashier's office.

Epoch III • Patinated model • 105 × 77 × 35 mm





232342

Second-hand car dealer

Floor plate with fencing elements, tents, advertising banners and an office shack to design a second-hand car dealer's shop on a corner plot of land. Including VW 1600 model.

Epoch III • 127 × 100 × 35 mm

»Nordex« Wind generator

Wind generator with motor (12-16 V, AC voltage) and three-propeller rotor.

Epoch IV • incl. motor • 80 × 80 × 262 mm • Depth: 40 mm • Sail dia: 220 mm

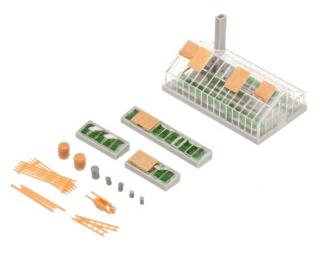
232225

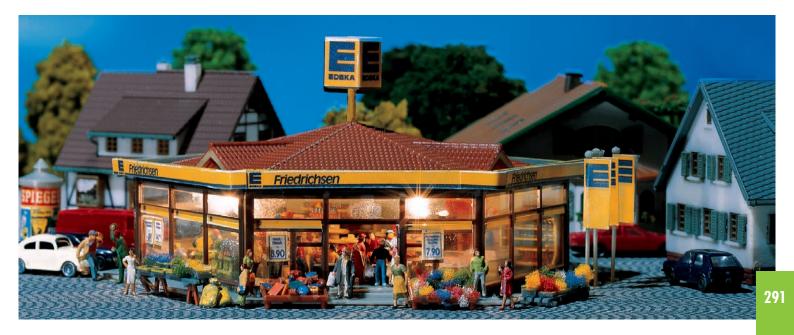
Small market garden

With 2 hothouses and 3 hotbeds.

Epoch II • Greenhouse 1: $46 \times 98 \times 30$ mm • Greenhouse 2: $42 \times 72 \times 40$ mm







»Edeka« Local mini market



A modern style construction with a wide glass frontage and complete shopfitted interior. The model can be very effectively illuminated using the microbulb (art. 180671, not included). Several models can be combined, thereby creating several variations for different uses.

Epoch IV - 120 \times 113 \times 58 mm

232204

ALDI Supermarket south/north

ALDI branch in Southern or Northern Germany, with delivery area, wide entrance area and decoration sheet for South and North.

Epoch V • 125 × 185 × 55 mm





155317 Filling station personnel



155326 Out shopping



Concrete mixing plant



Feverish activity in the concrete mixing plant. Large mixing facility with 3 tower silos and an office building. A passage makes it possible to load the trucks rapidly. The sand hopper compartments are subdivided to accommodate different types of sand and gravel. In the original the material is handled through the crane shovel. Sand in various sizes is supplied for decoration. The model is without function.

Epoch III • Patinated model • 165 × 154 × 135 mm



222216 2 Grain silos

Storing & distributing. Two firmly joined silos with catwalk, outside ladders and various pipes for the loading and unloading of bulk goods.



222207 3 Industrial silos

For versatile use in the industrial, commercial, or agricultural area.

Epoch IV • 22 × 34 × 107 mm (2 x) • 22 × 34 × 94 mm (1 x)

Sawmill

With a built-on sawdust tower, small railroad crane and typical decoration parts. The sawmill can be driven by FALLER motor (art. 180629, 12-16 V, AC voltage). Motor not included.

Epoch II • Movable model •

Building: 230 \times 130 \times 92 mm \bullet Gantry crane: 86 \times 40 \times 72 mm



222181

Sawmill Sawmill with large wood storage area,

exhaust and loading ramp.

Epoch III • Patinated model • 170 × 100 × 150 mm



222187 Wooden hut

With verandah, shutters and tar covered roof. Use on construction sites, in the station area or industrial sites.

Epoch II • 62 × 40 × 30 mm



232247 Wood plant

Wood-working company with large sawing hall that can be entered through the large hall doors on the rail passageway. With adjoining firehouse, suction unit and loading crane. Various wood stacks are included.

Königsgrube

Epoch III •

Building: 220 × 148 × 140 mm • Gantry crane: 86 × 40 × 72 mm



222190

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»Königsgrube« Hauling plant

The conveyor system consists of the shaft shed with headgear and the winch house with its own steam energy winch supply. The dumping mechanism on the side of the shaft shed enables the simulation of a railway loading process.

With the FALLER motor (art. 180629, 12-16 V, AC voltage) both large cable sheaves in the headgear can be set into motion.

For the realistic decoration of the surroundings the FALLER coals (art. 170723) are required.

Epoch I • Movable model • 174 × 118 × 184 mm





Old coal mine Model of a coal mine in wood

construction with various loading and unloading options.

Epoch II • Patinated model • 200 × 185 × 106 mm

222197

Old stone crushing plant

Timber construction stone crushing plant.

Epoch II • Patinated model • 115 × 98 × 100 mm



222206 Old gravel plant

Gravel plant in wood construction with various bulk dumping devices for loading vehicles or wagons.

Epoch II • Patinated model • 141 × 95 × 95 mm



N THE TOWN, THE VILLAGE

232355 Old-town wall set

Set of old-town wall including a fortification tower rendered in white and featuring angle ashlars, narrow windows and a pointed roof along with three adjacent elements allowing the construction of an old-town wall with a flight of stairs and a roofed parapet walk on brackets.



232351 Old-Town wall

To be used for wall extension. It can also be used together with peel towers 232352.

Epoch I • Old-Town wall: 85 × 20 × 69 mm • Old-Town wall - piece: 24 × 13 × 59 mm





232353

Old-town wall with stairs

Add-on set for the popular town wall module (Art. 232351, Art. 232352), with stone stairs to reach the roofed parapet walk of the fortification. (Kit does not include displayed peel towers.)

Epoch I = 88 \times 19 \times 68 mm

Old city gate

An interesting combination of buildings for the romantic part of the old town.

Epoch I • 100 × 45 × 170 mm



232352

2 Old-Town peel towers

Peel towers that can be used as ends or for linking old town brick elements. Each with defence towers, one with 45° and one with 90°. The 90° defence tower can be either built as an angled or straight-lined intermediate tower element. Respective parts are included.

Epoch I •

Old-Town wall defence tower 90°: 22 \times 21 \times 69 mm \circ Old-Town wall - defence tower 45°: 33 \times 25 \times 69 mm



232374 »Schwabentor« Town house

Town house with a wide entrance arch and pedestrian arcade along the side.

Epoch II • 86 × 53 × 90 mm



232354

Old-town tower

Old-town tower built on a square base, with passage for traffic and overhanging crown made of real timber under a four-sided pointed roof.

Epoch I • 50 × 50 × 211 mm • Gate overhead clearance: 30 mm



»Franken« Tudor house

This model has an extraordinary beautiful roof which is subdivided by many dormer windows and a loggia in an old-fashioned style.

Epoch I • 84 × 65 × 100 mm



232270 St. Martin's gate in Freiburg (Breisgau)

The adjoining building can also be used without the tower in a row of town houses. In the passageway of this building the front entrance of a modern fast-food restaurant can be created with the components of this kit. The dial of both clocks can be illuminated from the tower.

Epoch IV • 81 × 57 × 270 mm



232282

»Rothenburg« Inn A cosy inn with a pergola.

Epoch I • 117 × 83 × 100 mm

232380 6 Relief houses

Inexpensive and space-saving rows of houses can be erected along the model rear walls with these half-built corner and dwelling houses.

Epoch II • 89 × 28 × 90 mm • 89 × 32 × 90 mm • 45 × 28 × 92 mm • 45 × 32 × 92 mm • 45 × 28 × 82 mm • 45 × 28 × 82 mm



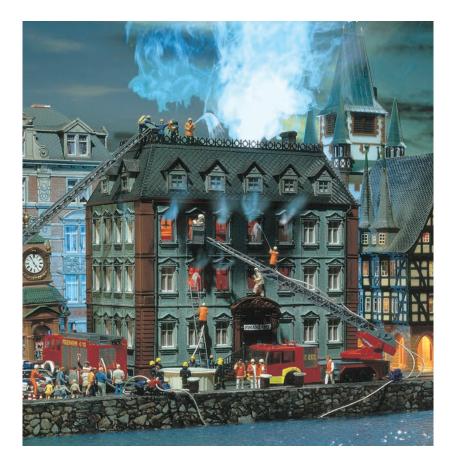


232300

Burning tax office

This kit has the following special features: weathered facades blackened by smoke, special smoke generator (16 V, AC voltage) producing thick smoke escaping out of the windows, set of flashing lights (16 V, AC voltage) ensuring the vivid red glare, and smoke oil to refill the generator.

Epoch I • Patinated model • 101 × 67 × 100 mm





Row of town houses

Row of attractive town houses with two corner houses and one terrace house.

Epoch II • 284 × 127 × 141 mm





232312 2 Town houses

Aged set with two urban, four-storey row-houses incl. side firewalls and dormers. Diversified details on the courtyard and street side are created by the differently designed floor levels of the historical facades, richly decorated window sills, iron balconies, a shop front and lettering, roof railings and much more. =N

Epoch I • Patinated model • 92 × 86 × 134 mm (2 x)



232307 2 Town houses

The apartment house and the grocer's shop have extremely detailed facades and have been expertly weathered.

Epoch II • Patinated model • 101 × 88 × 128 mm (2 x)

302

232311 2 Town houses

Classic town block of flats. Consisting of 2 buildings which ideally complement the current town design.

Epoch II • Patinated model • Townhouse 1: 82 × 82 × 126 mm • Townhouse 2: 82 × 78 × 126 mm



232262

Corner house with adjoining annexe

Consists of 2 buildings. There is a drug store on the ground floor of the corner house.

Epoch II • Patinated model • Townhouse: 82 × 78 × 127 mm • Corner house: 97 × 97 × 122 mm



232334 Old town house with bar

Three-storey residential house featuring brick facade and characteristic crow-stepped roof. The first floor houses a cozy bar that also offers outdoor seats towards the garden side.

Epoch II • Patinated model • 111 × 67 × 128 mm





303

232335 Old town house with cigar shop

Three-storey residential house featuring brick facade and characteristic Dutch Gable. The first floor houses a cigar shop. On the building's backside, there are a small yard and a twostorey oriel window.

Epoch II • Patinated model • 111 × 67 × 132 mm

232305

Urban post office

Artificially aged corner house with post office on the ground floor.

Epoch II • Patinated model • 127 × 100 × 115 mm



232264

»Harmonie« Old town cinema

Old town cinema with wide entrance, advertisements, and cinema sign.

Epoch II - Patinated model - 100 \times 88 \times 150 mm



»Beethovenstraße« Row of downtown structures

An urban scene full of life! That row of four buildings consisting of two corner houses and two terrace houses offers plenty of possible variations and combinations. The ground floor of each building provides space for shops and businesses. The upper storeys house typical urban dwelling units. Both terrace houses can also be built by halves.

Epoch III • Corner house 1: 75 × 75 × 123 mm • Corner house 2: 75 × 75 × 123 mm • Driveway: 32 × 3 × 27 mm (2 x) • Terrace house 1: 65 × 58 × 118 mm • Terrace house 2: 65 × 58 × 118 mm



232386

»Beethovenstraße« 2 Row houses

A new style! Renovated terrace houses with baking shop and a small art gallery on the ground floor. Each attic features two small dormer windows. Both terrace houses are the perfect complement to »Beethovenstraße« row of town houses, art. 232385, and can also be built by halves.

Epoch III • Terrace house 1: 65 × 58 × 118 mm • Terrace house 2: 65 × 58 × 118 mm

232387

»Beethovenstraße« 2 Town houses

Corner house and terrace house in Beethoven Street have been given a new paint. Next to the telecommunications shop there is a restaurant offering regional cuisine. On the upper storeys there are student's lodgings. It is also possible to built the terrace house by halves.

Epoch III • Corner house: 75 × 75 × 123 mm • Driveway: 32 × 3 × 27 mm • Terrace house: 65 × 58 × 118 mm





232330 »Sport Meder« Town house

Sports items of all kind are offered in this retail store.

Epoch V • 45 × 60 × 100 mm





232332 Old city café A cosy cafe is located on the floor level

A cosy cafe is located on the floor level of the multi-story city house.

Epoch V • 78 × 68 × 85 mm



Two-storey corner building

Living round the corner! This two-storey apartment building features a corner layout, colored window frames, a half-hipped roof and dormers. It fits our model »Two-storey home« (art. 232329).

Epoch III • $144 \times 75 \times 83 \text{ mm}$



232328

Two-storey home with shutters

House and home. Two-storey, free-standing residential house with shutters, crested roof and dormers.

Epoch III • 96,5 × 75 × 82 mm

²³²³²⁹ Two-storey home

Your own four walls. Two-storey, free-standing single family dwelling with colourful window edging, crested roof and dormers.

Epoch III • 75 × 73 × 84 mm

232304 2 Apartment buildings

Apartment buildings in 4 level construction with outside balconies and in different colour versions.

Epoch III • 111 × 69 × 83 mm (2 x)





Old town secondary school



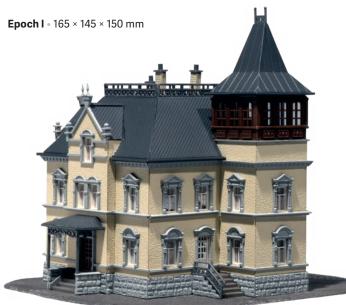
Two-storey school building with hipped roof, dormer windows and adjoining stairwell at the rear. All facade elements have been applied by digital printing.

Epoch III • New Item 2018 • 165 × 82 × 86 mm

232298

Villa Two-storey man

Two-storey manor-house built in the style of the turn of the century, with roofed entrance and roof terrace.





Administrative building

Imposing two-storey administrative building with brick facade and a sumptuous front featuring pilasters, ornamental reliefs and porticos at the corners of the lower part.

Epoch I • Patinated model • 100 × 96 × 96 mm



232303 Townhall

308

Three-storey small-town city hall with third gable, arcade passageway and lateral balcony with access stairs under a lean-to roof. A floor plate, a small bell lantern and a fountain are also part of that model featuring a gable wall with digital printing.

Epoch II = 107 \times 112 \times 102 mm



232299

»Lindau« Old city hall

Re-edition! The Old City Hall in Lindau was erected in 1436. Our model features the magnificently painted northern and southern facade depicting the city's history. High-quality digital print makes the depictions come to life. Other details are the roofed perron, enunciator oriel window and the characteristic Dutch gable.

Epoch I • 111 × 115 × 139 mm

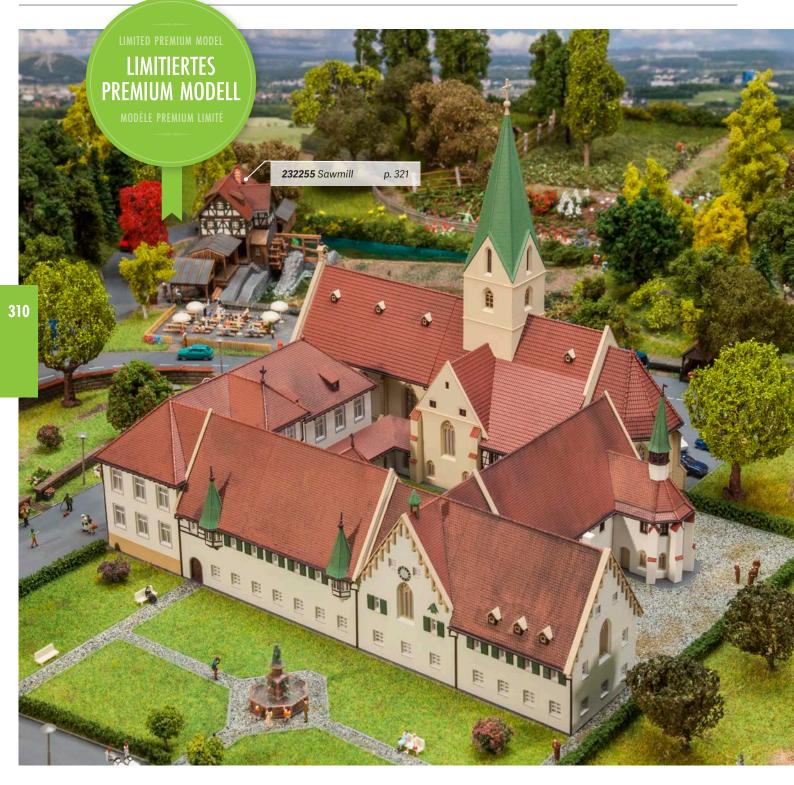


155345 Employees

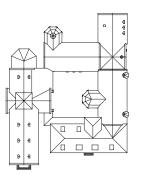


155338 Playing children





»Blaubeuren« Monastery



500 years of Reformation. Monastery estate inspired by the original former Benedictines monastery built in the 15th century that is today the Protestant seminar in Blaubeuren, Wurtemberg.

The large nave of the hall church »St John the Baptist« with tower above the intersection of the nave and the transept, polygonal apse and late Gothic tracery windows is flanked with a three-aisle, two-storey building complex partly featuring half-timbered walls in the typical mixed masonry of late Gothic: dwelling and dormitory wing on the east side, visitor wing in the south aisle and abbey in the west wing.

Epoch I • New Item 2018 • Patinated model • 339 × 263 × 230 mm





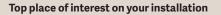




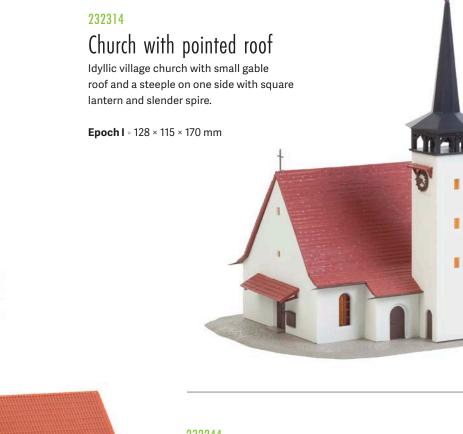
155330 Bride and groom with vicar



155360 Nuns and parson New Item 2018



On the East edge of the Swabian Jura the imposing Gothic monastery founded around 1085 by Benedictine monks together with the famous karst source »Blautopf« and Blaubeuren's Old town with its historical buildings and narrow streets form a real idyll. The monastery kit comprised of about 1,300 pieces is limited to 1,000 sets.



Village church Village church with onion-domed steeple and surrounding wall.

Epoch III • $110 \times 60 \times 158 \text{ mm}$



»Sils-Maria« Chapel

(Switzerland). It has a stonecovered roof. Freely swinging, clearly visible bell.

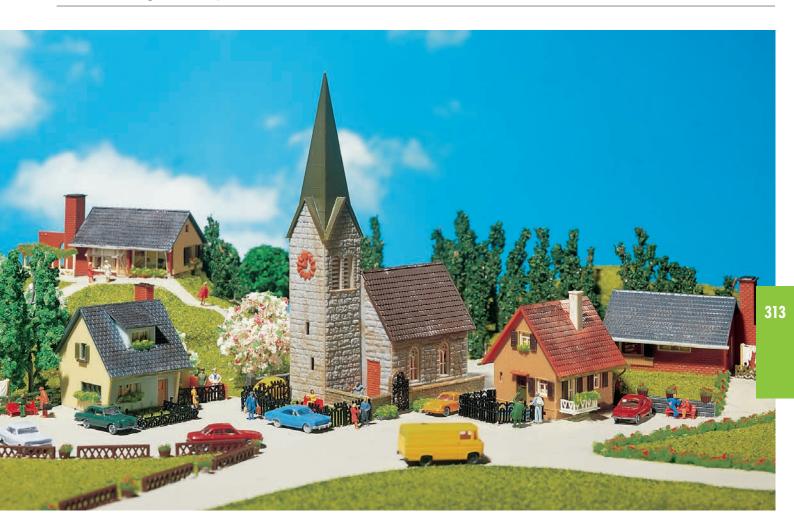
Epoch I • 79 × 62 × 64 mm



232239 »St. Bernhard« Chapel Chapel with a small bell tower.

Epoch II • Patinated model • 53 × 35 × 66 mm

 $\square N$



232220 Village set

It consists of a church and three residential houses and is particularly suitable for an initial set of structures.

Epoch III • One-family house 1: 96 × 60 × 42 mm • One-family house 2: 83 × 58 × 52 mm • One-family house 3: 77 \times 50 \times 52 mm \bullet Church: 81 \times 52 \times 147 mm



3 Suburban homes

One-family house 1: 96 × 60 × 42 mm • One-family house 2: 83 × 58 × 52 mm • One-family house 3: 77 \times 50 \times 52 mm



232223 2 Houses under construction

2 houses under construction in various phases of construction.

Epoch III • House 1: 72 × 54 × 48 mm • House 2: 62 × 57 × 49 mm

314



232226

2 One-family houses

Two detached houses with garage.

Epoch III • Patinated model • 110 × 57 × 54 mm (2 x)



232222

2 Suburban homes 2 Suburban homes with roofed, built-on tool shed.

Epoch III • 78 × 75 × 42 mm (2 x)

232215

Timbered house with garage

Timbered house with garage, complete with window boxes, roof gable and red tiled roof, and a fence in front garden.

Epoch III • 73 × 72 × 55 mm



232340 Rural half-timbered house

Half-timbered house with roofed entries and dormer windows.

Epoch II • Patinated model • 77 × 57 × 50 mm



232320 Detached house

Detached house with red design elements on walls, terrace ground plate and decoration parts. Easy to build, even for beginners.

Epoch VI • $59 \times 63 \times 50 \text{ mm}$



232321 Detached house

Detached house with grey design elements on walls, terrace ground plate and decoration parts. Easy to build, even for beginners.

Epoch VI • $59 \times 63 \times 50 \text{ mm}$



232322

Detached house

Detached house with yellow design elements on walls, terrace ground plate and decoration parts. Easy to build, even for beginners.

Epoch VI • 59 × 63 × 50 mm



232323 Detached house

Detached house with wine-red design elements on walls, annexed winter garden, terrace ground plate, roofed terrace and etched-metal railing. Easy to build, even for beginners.

Epoch VI • $64 \times 63 \times 50 \text{ mm}$





222349 2 Holiday houses

Inviting! Set of buildings comprised of two single-storey dwelling houses with board cladding facades, gable windows and double pitch roof, facades and roofs of different colours. One of the houses features on its longer sides a narrow adjoining extension and a windscreen.

Epoch I • New Item 2018 • House 1: $81 \times 51 \times 41$ mm • House 2: $69 \times 41 \times 41$ mm



232347 »Vlieland« Small cottage

Patinated model of a one-storey modest dwelling house, featuring a rendered facade, gable windows, and a slate roof.

Epoch I • Patinated model • $81 \times 41 \times 41$ mm



232348 »Ballum« Small cottage

Model of a one-storey modest dwelling house, featuring a rendered facade, gable windows, and a slate roof. Colours pleasantly set off the window sills, plinths and building edges.

Epoch I • Patinated model • 81 × 41 × 41 mm



232346 »Texel« Small cottage

Patinated model of a one-storey modest dwelling house, featuring a facade with wood laths, gable windows, and a tiled roof. The lateral entrance is protected by means of a windscreen.

Epoch I - Patinated model - 81 × 51 × 41 mm

232358 Forester's Lodge

One-storey forestry service estate with timberfacing side canopy and deeply pulled down saddle-back roof adorns a surrounding forest district. The accessories include wagon wheels, ladders, logs and boards.

Epoch I • Patinated model • 120 × 83 × 53 mm



272905 Tables, chairs, sunshades



272901 2 Barbecue grills



UUI

272903 8 Bicycles



232245 Pharmacy and bakery

Typical rural town houses with retail shops. Ideally suited for the construction of a provincial town.

Epoch III • 80 × 70 × 60 mm (2 x)



232336 Butchery/Bakery

For anybody with good taste. Butcher's and baker's as furnished shops inside a two-storey residential building. The large shop windows provide a view of product display and a snack at the bar table below the vine-covered pergola invites you to make a brief stop.

Accessories also include bicycles and matching bicycle racks.

Epoch III • 114 × 73 × 76 mm

232327

»Tiziano« Ice-cream parlour

For the hot days! Model of a small ice-cream parlour accommodated in a one-storey building with flat double-pitch roof. The colourful motifs digitally printed on the facades give that meeting-place a merry animated atmosphere. The spacious entrance area can be given an open character by using flap gates. Accessories include fencing elements as well as inviting tables and chairs.

Epoch IV = 90,5 \times 61,5 \times 33 mm





Fire brigade engine house



That massive fire-engine house offers shelter to fire-fighting vehicles and appliances, but can also be used as repair shop. The facade made of natural stones clearly contrasts with three red folding gates with semi-circular arch frame. Another gate at the rear also allows the passage through the building.

Epoch II • 101 × 82 × 60 mm

222208 Country style fire department

Fire department with mobile door and hose drying tower. Material mix of coloured plastic, wood, and special cardboard parts.

Epoch III • Lasercut model 1• 78 × 66 × 84 mm





Castle mill

Mill festivity - hurray! Two-storey mill construction aligned with the street, with corner stones, exposed door and window jambs, corner turret and third gable. On the right side of the construction with the stepped gable, the water wheel can be installed at various heights, with optional drive through modeller's synchronous motor Art. 180629, not supplied.

Epoch I • New Item 2018 • Movable model • 135 × 62 × 88 mm • Depth: 9 mm

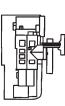
232250 Windmill

The blades of this model can be realistically moved by installing the motor (art. 180629, 12-16 V, AC voltage). The installation of the motor can only be carried out simultaneously with the assembly of the construction kit. Motor not included.

Epoch II \bullet Movable model \bullet 83 \times 65 \times 134 mm







Sawmill

Sawmill from the Black Forest. The motor (art. 180629, 12-16 V, AC voltage, not included) can be used for driving the water-wheel, the visible saw-frame being audibly moved up and down at the same time.

Epoch II • Patinated model • Movable model • 171 × 118 × 83 mm



272530 Lumber yard

A board and timber assortment is contained in the package.

Epoch II • 72 × 48 × 30 mm



232373

Timber storage sheds

For lumber piles and implements. Sheds, shelters and a draining floor allowing the storage of lumber piles and implements. Various piles of boards are also supplied.

Epoch I • Patinated model • 37 × 32 × 26 mm • 30 × 24 × 30 mm • 42 × 10 × 20 mm • 40 × 15 × 22 mm



Öhler Mill

A real original! That Black Forest corn mill is located in the valley Jostal in the vicinity of Titisee-Neustadt. Built in 1772 the mill is still in family possession today. The mill is actuated through an overshot water-wheel and features grinding work and stone gear, while fulfilling all prerequisite conditions for pressing oil and grinding corn. In addition to the mill the building features a dwelling storey. The model can be actuated using the modeller's motor, Art. 180629.





Epoch I \bullet Movable model \bullet 111 \times 75 \times 75 mm



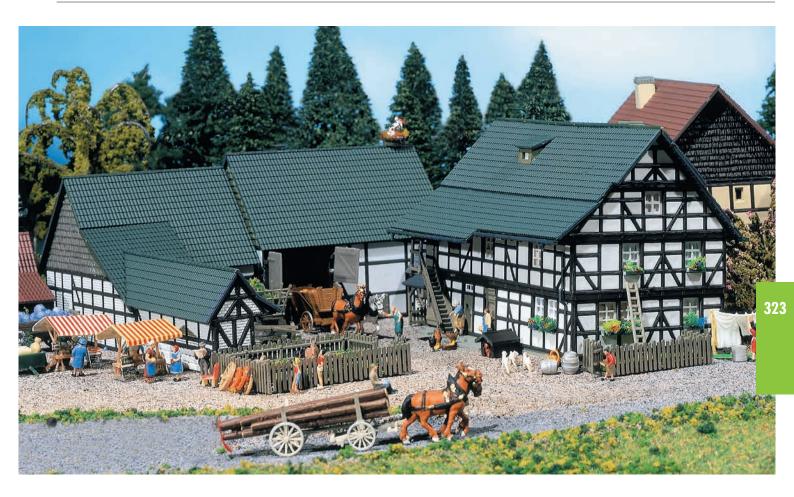
272912 4 Barrels and 4 tubs Epoch I



272906 40 Boxes Epoch I



272907 20 Barrels and 36 sacks Epoch I



232360 Farm



The original was located in Obernfeld near Duderstadt (Lower Saxony). The model consists of: half-timbered residential building, sheep stable, barn, pigsty with attached paling, accessories such as doghouse, dung cart, stork's nest on the roof etc. The elements can also be built individually.

Epoch I = 125 \times 180 \times 66 mm



155340 In the countryside



155501 Horses

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155327 Dogs and cats



Agricultural holding

Life on summery mountain pastures. The set displays a modern, agricultural scene with livestock husbandry in great detail. It includes spacious stables, a large vehicle shelter, a bunker silo, two fodder silos, and the farmer's residential house.

Epoch V • Residential house: 95 × 98 × 47 mm • Feed silo: 27 × 15 × 50 mm • Stables: 187 × 103 × 64 mm • Implement shed: 187 × 84 × 55 mm • Bunker silo: 141 × 45 × 14 mm



155508 Cattle



155512 Set of small animals





222214 Fodder silos

Double silo with exterior pipes and steel frame for storing fodder.

Epoch V • 27 × 15 × 50 mm



232359 Small baking house with accessories

Fresh tastes better! In former times, such small and simple baking houses were situated in rural regions or on farms. The kit also includes a wine press, a stack of boards and two handcarts.

Epoch I • Patinated model • 33 × 32 × 30 mm

=N



Black Forest farmyard

A dream model of a Black Forest farmyard which finds its ideal place anywhere in the valleys, meadowland and woodland in the background of your model. Its outfit comprises many typical and lovingly designed accessories.

Epoch I \bullet Patinated model \bullet 148 \times 153 \times 90 mm

232256 Black Forest house

A small, typical Black Forest house perfectly suited for meadow and forest scenery.

Epoch I • 91 × 57 × 57 mm





»Kürnbach« Farmhouse

Reproduction manufactured by the laser-cut process of the original two-storey Kürnbach house dating back to 1664 with an aged shingle roof. That rural architecture from the museum village located in Upper Suabia harmoniously combines the beauty and function of that building with curved framework braces, while the small window openings fitted with shutters provide well-balanced proportions and keep the precious stove heat within the house. The adjoining shed with its slate roof can be used in a variety of ways.

Epoch I • Patinated model • 132 × 59,5 × 62 mm



232371

Agricultural building with accessories

Partly rendered half-timbered barn with annexed pigsty and a lot of agricultural accessories such as small toilet, kennel, various carriages, fencing, calvary and many others more.

Epoch I •

Barn: 125 × 57 × 53 mm • Garden 1: 45 × 35 × 8 mm • Garden 2: 35 × 15 × 8 mm



Roofed pedestrian bridge

Slender stone pier bridge with roofed wooden framework, to be used as cycle track and footpath. Walkway, parapet and roof framework are made of real timber. Several models can be built in a row.

Epoch I • Lasercut model • 89 × 20 × 40 mm

272532

Lodge with raised hide

Set composed of hunting cabin, hunter's stand, toilet cubicles, food trough, wheelbarrow, bridge and wayside cross.

Epoch II • Patinated model • 40 × 27 × 24 mm



232368 Hay barn and granary

Hay barn and granary in an authentic and very rustic timber construction as common on meadows and slopes in the Alps and foothills of the Alps. Blend of materials in wood and speciality cardboard parts. The wooden parts also feature coloured varnish.

Epoch I • Lasercut model • 30 × 35 × 31 mm • 34 × 35 × 34 mm





272531

4 Hay barns with scenic details for the forest

Hay barns should never be missing in an actual Alpine countryside, where a raised hide, a crib, a water trough as well as various wooden fences in the nearby forest are a matter of course.

Epoch II • 42 × 38 × 27 mm (4 x)



Hay and straw bale storage

Small, open barn (Laser-cut) as shelter for two ladder trucks. Silo and straw bails are included in the accessories.

Epoch I • Patinated model • Lasercut model • 69 × 45 × 26 mm





272562 Silo- and straw bales

32 straw bales and silo hay stacks as produced during haymaking and straw harvesting.

Epoch IV • Patinated model

272561 Hay-harvest

The package contains everything you need for haymaking: several haycocks, rows of hay raked together, hay trailer, scythes and accessories. Including hay fibres and glue.

Epoch IV • Patinated model





272900 36 Hay bales Epoch IV



272911 Scythes, rakes, hayforks Epoch I



232372 Goods- and passenger ropeway



Material and passenger cableway including mountain and valley station, with driving motor and control system in a handy set. That small single-track shuttle cableway with enclosed cabin is used for goods transport or passenger traffic at altitude. While the valley station manufactured by the laser-cut process is made of real timber and features a lean-to roof of special cardboard, the mountain station consists of a massive alpine hut with terrace and masonry foundation. Accessories include fencing elements and a summit cross.

Epoch II • Valley station: 50 × 45 × 40 mm • Mountain station: 98 × 63 × 55 mm • Distance from mountain and valley station: max. 1000 mm • Inclination: max. 20° • Depth: 10 mm







»Moser-Hütte« Alpine hut

Two-story, timbered alpine hut with summit cross and large, attached sun terrace at the front and brickwork foundation, fitted with tables, benches and solar panels on the roof. Offers ramblers and skiers an advantageous possibility of having a meal and passing the night.

Epoch IV • $98 \times 69 \times 68 \text{ mm}$



Mountain rescue chalet

Where the mountain rescue workers start their alpine rescue missions. The two-storey mountain rescue cabin combines a solid stone plinth storey with a traditional log plan construction upstairs. The typical timber notches, masonry door and windows surrounding emphasise the solid outside of the cabin. A summit cross is included in the model kit.

Epoch III • Patinated model • 90 × 52 × 50 mm



Mountain rescue chalet

Where the mountain rescue workers start their alpine rescue missions. The two-storey mountain rescue cabin combines a solid stone plinth storey with a traditional log plan construction upstairs. The typical timber notches, masonry door and windows surrounding emphasise the solid outside of the cabin.



Epoch III •New item 2018 • $90 \times 52 \times 50$ mm

232242

Moated castle

The base of this romantic castle contains a moat surrounding the entire complex; the moat can be filled with water.

The ground area of the moat is 255 \times 130 mm.

Epoch I = 255 \times 130 \times 135 mm





»Alpenblick« Mountain inn

A stately building for an Alpine setting.

Epoch II • $180 \times 167 \times 83 \text{ mm}$



»Edelweiß« Boarding-house

The destination of many tourists who enjoy hiking and come from the lowlands.

Epoch II • 95 × 85 × 50 mm

232232

Alpine farm Pretty farmer's house with a bell on the roof.

Epoch II • 131 × 125 × 92 mm

232237

»Enzion« House Small chalet in idyllic surroundings.

Epoch II • 65 × 64 × 48 mm





»Edelweiß« Boarding-house

With extravagantly printed typical paintings on several sides and an open-air terrace on the first floor. Tables and benches are included.

Epoch II • $82 \times 82 \times 58 \text{ mm}$

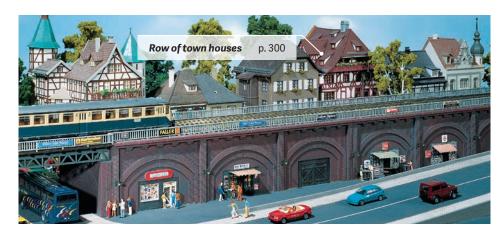
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272577 Arcades with shops

Arcades with shops which are built into the wall arches.

Epoch II • 204 × 5 × 47 mm (2 x)



272543

»City Compact« Stops

The package contains the models of a covered and opened bus stop originally developed and implemented by Team Tejbrant as well as two bicycle stands with bikes.

Epoch VI • Bicycle stand: 32 × 14 × 6 mm (2 x) • Closed halt: 49 × 22 × 18 mm • Open halt: 51 × 19 × 18 mm



272535

2 Bicycles stands with bikes

Kit includes two racks and 16 bikes. Adds realism to any scene.

Epoch III • Bicycle stand 1: 38 × 18 × 14 mm • Bicycle stand 2: 33 × 15 × 16 mm



272534

2 Bus stop shelters

Shelters in timber construction as frequently seen in small towns and villages.

Epoch III • Stop 1: 35 × 19 × 20 mm • Stop 2: 41 × 13 × 22 mm



272903 8 Bicycles Epoch II



272908 14 Letterboxes Epoch III



»Wicküler« Airship

Pioneers of civil aeronautics. Non-rigid airship with grey gondola and grey hull featuring the logotype of Wuppertal »Wicküler« brewery as well as red stabilizing fins.

Epoch III • New Item 2018 • 360 × 93 × 115 mm

The miniature world at your feet

Flying giants that invite you to dream – popular and admired. These majestic pioneers of aeronautics are regarded as a myth today. As model they impressively expand the vertical dimension of your installation and create a fully new space feeling.





155356 Airship crew/Passengers New Item 2018

»Goodyear« Airship

Good luck! Model of a blimp type »GZ-20a« from the legendary Goodyear fleet, with grey gondola and grey hull featuring the »Goodyear« logotype as well as blue stabilizing fins.

Epoch III • New Item 2018 • $360 \times 93 \times 115 \text{ mm}$



»Meckatzer« Hot-air balloon

We have lift-off! Hot-air balloon printed with the logotype of Heimenkirch »Meckatzer« brewery, will give a fresh impetus to your model installation. Postcard weather and fantastic outlooks guaranteed.

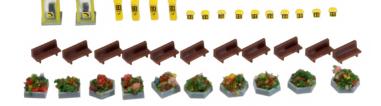
Epoch IV • New Item 2018 • ø 97 × 135 mm



272573

Town decoration

Telephone booths, advertising pillars, letterboxes, hoardings, clocks, flower pots, flags, bus shelters, benches. 67 pieces. Ideal for the realistic creation of towns and villages. **Epoch III**



337

Hot-air balloon

232390

Aiming high! Escape everyday life with a balloon flight above your model landscape. In a hot air balloon with red and yellow stripes and a basket made of woven osier you will have the best global view of the entire landscape.

Epoch IV • Ø 97 × 135 mm

272533 Market stands and carts

A selection of common items, including a hot dog stand. **Epoch III**





272536

Street peddling booth

Small-scale fruit and vegetable sales from crates, which animates the farm and street scene. Sacks, tables and umbrellas are included in the accessories. **Epoch III**

272574

Fountain with figure, 4 jets and »water« surface.

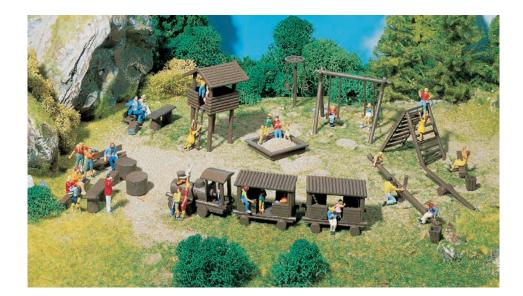
Epoch I • 26 × 26 × 30 mm



272568 Adventure playground

Playground with tables and benches, litterbins, swings, seesaws, climbing structure, adventure hut, sand pit, giant stride and a wooden train.

Epoch III • Patinated model





272550 Allotment garden set 1

Set with 3 different allotment gardens with sheds, each separately fenced in. Features include tables and chairs, outdoor grills, barrels, garden tools and bicycles plus landscape sections with different plantings.

Epoch IV • 74 × 52 × 21 mm (3 x)

272551

Allotment garden set 2

Set with 3 different allotment gardens with garden sheds, each separately fenced in. Accessories include tables and chairs, umbrellas, outdoor grills, crates and bags, garden tools and bicycles plus landscape sections with different plantings.

Epoch III • 74 × 52 × 22 mm (3 x)





272552

Allotment garden set 3

Set with 2 different allotment gardens with gardenand corrugated steel sheds, each separately fenced in. Accessories include crates, bats, barrels and garden tools plus landscape sections with different plantings.

Epoch III • 74 × 52 × 20 mm • 74 × 52 × 24 mm



232209

3 Summer houses

Summer houses in timber construction. Versatile in use.

Epoch IV • 31 × 35 × 19 mm • 21 × 20 × 17 mm • 25 × 12 × 17 mm



272440 7 Tables, 24 Chairs, 12 Benches Epoch III



272442 48 Beer benches and 24 Tables Epoch III



272441 24 Garden chairs and 6 Tables Epoch IV

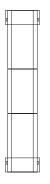


272905 Tables, chairs, sunshades Epoch II



272901 2 Barbecue grills Epoch IV





Viaduct set, two-track, straight

Straight viaduct comprised of:

- 5 piers

- 2 bridge heads

- 3 roadway elements with a total length of 386 mm, including bridge heads. Can be used as single pieces of 110 mm each.

Epoch II • New Item 2018 • 386 × 85 × 136 mm • Clearance: 120 mm

222598 Viaduct set, two-track, curved

Curved viaduct comprised of:

- 5 piers
- 2 bridge heads
- 3 roadway elements covering a total angle of 67.5°, can be used as single pieces of 22.5° each.

Epoch II • New Item 2018 • Height: 136 mm • Inner radius: 172 mm • Angle: 67,5° • Clearance: 120 mm





»Landwasser« Viaduct-set

That bridge built with dark limestone is located on the railway line from Tiefencastel to Filisur in the Swiss canton of Grisons. The Landwasser viaduct is a 136 metres long and 65 metres high railway bridge of the Rhaetian Railway and considered to be an emblem of the company.

That curved viaduct is composed of 2 bridge elements with ballast, each

one 45° long (can be shortened to 30°) featuring an average radius of 193 mm. Its clearance height with pillars is 57 mm (6 pillars of 38 mm). The bridge elements can also be used separately. The viaduct set can be operated with a single track and contains in addition 2 tunnel portals that perfectly complete the set.

Epoch II • Clearance: 57 mm







»Val Tuoi« Viaduct-set

That straight viaduct with the aspect of massive stones is comprised of 2 bridge heads, 2 viaduct tops of 1 1/2 arch each and a central arch (can also be built separately). The viaduct set can be operated with a single track and is laterally secured by means of a railing. The original 111 m long construction is located near Guarda in Switzerland and spans the brook La Clozza with its 50 m wide central arch.

Epoch II - 460 \times 37 \times 74 mm $\,$ - Clearance: 57 mm



2 Straight viaducts

2 viaducts with track beds, each 100 mm and 6 piers each 38 mm. Clearance height with piers 57 mm. Viaducts can be used individually. Fixtures for overhead line masts included.

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Epoch I - 200 \times 32 \times 75 mm



2 Curved viaducts

2 viaducts with track beds, each 45° (can be shortened to 30°), middle radius 193 mm. 6 piers each 38 mm. Clearance height with piers 57 mm. Viaducts can be used individually. Fixtures for overhead line masts included.

Epoch I • R: 193 mm

222550 Bridge abutment set

2 basic piers, 1 centre support, 2 straight track beds, 100 mm each. The basic piers of art. 222550 can also be used for art. 222581, 222583, 222585, 222586.

Epoch II • 260 × 43 × 36 mm



Arch bridge Arch bridge with 2 girder bridges and piers (like art. 222548) 4 x 10 and 4 x 5 mm. The 3 elements of the bridge can also be used individually. Double-track construction possible, 1 x art. 222540 additionally required. Fixtures for overhead line masts included.

Epoch II • 400 × 32 × 84 mm



Faithful reproduction of the Bietschtal viaduct. The impressive structure is located on the Kandersteg-Zermatt (CH) route on the southern ramp of the Lötschberg tunnel between Goppenstein and Brig. Designed for two tracks.

344



Epoch III • Patinated model • 418 × 53 × 82 mm

Epoch II • 594 × 69 × 131 mm • Clearance: 105 mm

222581 Steel arch bridge

Clearance without piers 57 mm. Additional piers (as art. 222548) 4×10 and 4×5 mm. Bridge can be built in two designs. Double track also possible, add 1 x art. 222540 to this end. Mounting plates for catenary masts are included.

Epoch I = 400 \times 32 \times 105 mm



222548 Set of concrete bridge piers

16-pieces, can be used as bridge piers and to extend the piers (art. 222547).



222582 Arched bridge

Length 300 mm, complete with three straight track beds 100 mm each and 16 concrete pier parts. Concrete piers (art. 222548) to go with them. Catenary operation is possible. Mounting plates for catenary masts are included.

Epoch II • $300 \times 53 \times 82 \text{ mm}$ • Clearance: 31 mm • Track-bed height: 39 mm



With the driveway system, consisting of straight and curved (2 radius) track beds and matching columns, driveways can be built individually, parallel tracks are also possible.

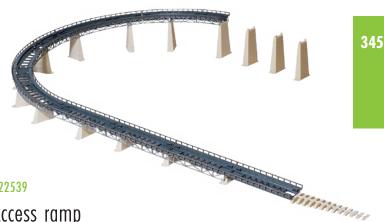
The flap-insertion connection of the driveway party is extremely stable, it can even be reinforced with glue.



222547

Set of piers

Set of piers with flexible initial wedge, 11 piers from 5 to 55 mm (in 5 mm steps) and 4 piers 60 mm high. Epoch I



222539

Access ramp

Access ramp consisting of 4 straight and 4 curved track-beds (R1=193 mm), mounting plates for catenary masts, a pier set consisting of 4 piers (each 60 mm), 11 piers 5 - 55 mm (with 5 mm intervals) and a flexible tapered riser. To extend the ramp use track-beds art. 222540, 222542 or 222543. Clearance is 56 mm. Suitable for all track types. Epoch I



222540

4 Track beds, straight

4 track beds, each 100 mm, with trelliswork. **Epoch I** • 100 × 32 mm (4 x)

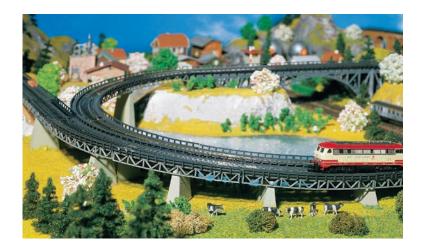
222542

4 Track beds, curved

4 track beds with trelliswork, R1, 45°, can be altered to 30° by means of kink. Compatible with all track brands. Epoch I

222543 6 Track beds, curved

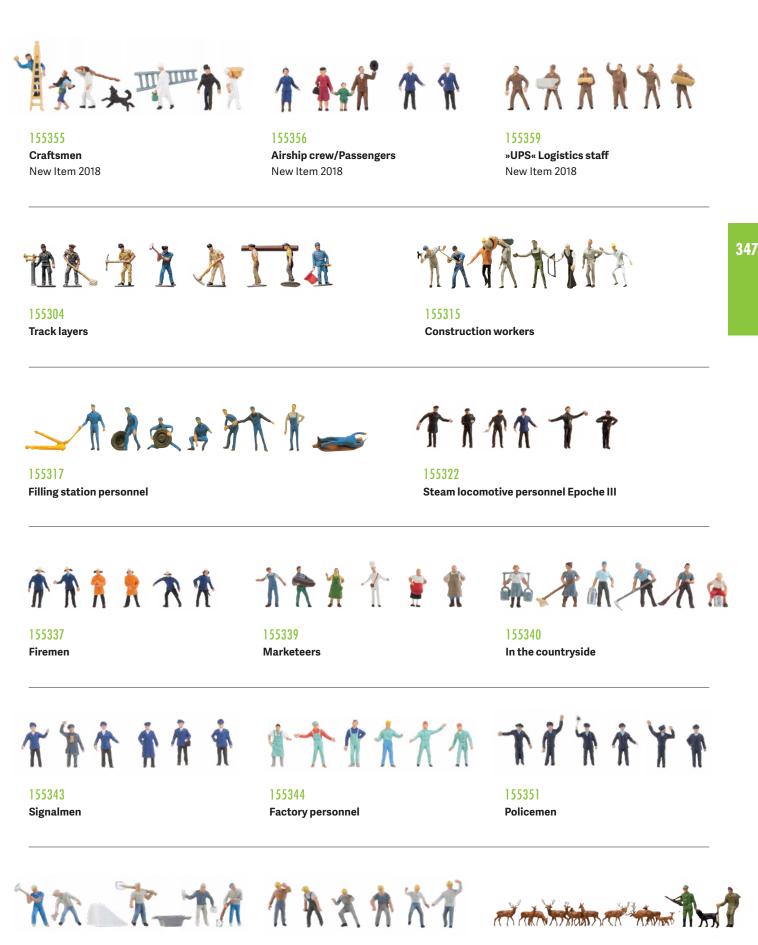
6 track beds with trelliswork, R 2, 30°. Compatible with all track brands. Epoch I





N MINIATURE FIGURES

OCCUPATIONS



155352 Building a house 155354 Industrial workers

PASSERS-BY



155357 Guys at the station New Item 2018



155360 Nuns and parson New Item 2018



155353 Persons going the stairs up





Passers-by III



155338 **Playing children**

RECREATION, SPORTS

155005

Passers-by I



155349 Evening by the lakeside



155319 Ramblers



155326 **Out shopping**





155330 Bride and groom with vicar





155332 Bathers



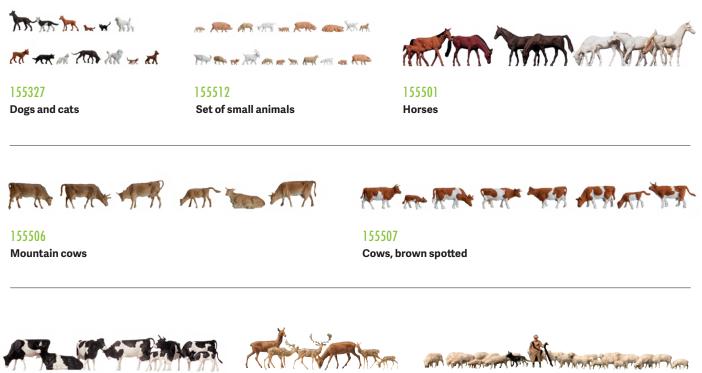


155333 Cyclists



155341 **Carnival figures**

ANIMALS



155508 Cattle

155509 Fallow deer + red deer



155510 Shephard + sheep

THE LARGE PACKS ARE AN ESPECIALLY GOOD VALUE



155250 Travellers Content: 36 pieces



155252 Seated persons Content: 36 pieces



155253 Beginner's Set - figures Content: 36 pieces



155358 Supplementary set with 36 figures New Item 2018

N HOBBY SELECTION, PROMOTIONAL SETS



FALLER Hobby

The construction kits are not only intended for beginners. However, because they are low-priced and quick to assemble, they are suitable for your first N model railway.



»Waldkirch« Station

Epoch II • New Item 2018 • Railway station: 190 × 68 × 86 mm • Outbuilding: 67 × 55 × 51 mm



232535 2 Platforms Epoch II - New Item 2018 - 251 × 43 × 45 mm (2 x)



232530 Block post Epoch II - New Item 2018 - 75 × 45 × 68 mm



232532 Loading crane Epoch II - New Item 2018 - 78 × 42 × 66 mm



232542 Gas station Epoch III - New Item 2018 - 82 × 74 × 38 mm



232534 Station service Epoch III • 146 × 118 × 34 mm



Gardener center Epoch III • Residential house: 110 × 57 × 52 mm • Greenhouse 1: 98 × 46 × 39 mm • Greenhouse 2: 71 × 42 × 29 mm



232540 Workshop Epoch III • 90 × 61 × 30 mm



232539 Branch »Dresdner Bank« Epoch III = 105 × 68 × 80 mm



232536 »Post« Inn Epoch II • 80 × 66 × 92 mm



232544 Church Epoch I • 126 × 86 × 153 mm



232538 Mountain chalet Epoch II • 71 × 64 × 37 mm



232537 Farmhouse Epoch II • 119 × 84 × 57 mm



232531 Development house Epoch III • 110 × 57 × 53 mm



232533 Development house Epoch III • 110 × 57 × 53 mm

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LIMITED SETS

Punctually at the start of each model-making saison various promotional sets are supplied to the trade. They are composed of several building models that thematically match each other and are in some cases not available separately.



239101 »Königsfeld« Station

Impressive! Two-piece station set comprised of an imposing passenger building with massive ground floor, platform between lines with downward stairs, waiting benches and advertising panels as accessories. The light-coloured rendered wings with grey corner stones and window frames can be built to different heights. The optional platform covering along the main building partly includes glass elements. Set of limited edition.

Epoch II • Railway station: 276 × 165 × 115 mm • Platform: 581 × 36 × 37 mm



239001

»Mühlheim« Railway station set

Comprehensive! Multiple-piece set comprised of a rural station with annexed goods shed, a platform and the matching protected level crossing with accessories ensuring the safe crossing of the tracks.

Epoch II • Railway station: 135 × 78 × 60 mm • Level crossing: 143 × 98 × 42 mm • Platform: 581 × 36 × 37 mm



239002

Railway Maintenance Services

Coal, water, sand and slag! 4-piece engine depot set comprised of a one-stall engine shed, a small coaling station with swivelling loading crane, a water tower and the necessary inspection pit with matching gantry crane.

Epoch II •

Slag handling facility: 209 × 85 × 57 mm • Coal handling: 119 × 44 × 66 mm • Engine shed: 175 × 52 × 62 mm • Water tower: 58 × 58 × 135 mm



Z SELECTION

DURLESBACH

RAILWAY STATIONS, RAILWAY BUILDINGS	356
TRADE, BUSINESS, INDUSTRY	360
THE TOWN, THE VILLAGE	362
SCENIC MODELLING, MINIATURE FIGURES	365



282708 »Durlesbach« Station

Swabian railway monument. That set of characteristic buildings manufactured by the laser-cut process includes a station and an adjoining goods shed. The idyllic station attracts attention through its panelling on the gable and striking red shutters. The goods shed was a place of transshipment for all kinds of consignment and parcelled goods. The loading ramp makes the access to the wagons easier.

Durlesbach Station located near the town of Bad Waldsee was opened in 1849, then rebuilt in 1911, and definitely closed in the 80s. Today the building is privately owned and used for commercial purposes. It was well-known through the German song »In the Swabian Train«.

Epoch I • Lasercut model • 130 × 68 × 68 mm





158031 **Railway personnel**



158039 Shunters



282704 »Hüinghausen« Station

A monument! Laser-cut model of the station building in »Herscheid-Hüinghausen« put into operation in 1915, with a characteristic hipped roof à la Mansard and an adjoining half-timbered goods shed. The station area forms today the operating central point of the museum line »Sauerland Local Railway«.

Epoch I • Lasercut model • 103 × 67 × 54 mm





282706

»Blumendorf« Wayside station

Can also be placed along curved track. (Curve 8520, 8521 and 8530).

Epoch II • 104 × 70 × 43 mm • R: 195 – 220 mm



158021 Sitting persons



158037 Travellers



Platform roofing

358

Glass covered structure for double-track traffic, 167 mm long. Suitable for catenery and steam operation. The structure can be assembled in tandem or side by side multiple times. Platforms (art. 282718) can be added.

Epoch II • 167 × 94 × 52 mm



282718

3 Platforms

2 glass-covered platforms and 1 open platform, each 167 mm, with decorative parts.

Epoch III • 167 × 32 × 30 mm (3 x)

282730

Level crossing

Level crossing with gatekeeper's lodge. For incorporation into one-track or multi-track routes. Without drive.

Epoch II • Level crossing: 110 × 70 × 10 mm • Gatekeeper's lodge: 52 × 39 × 31 mm



222114 (N, Z) Small wagon turntable with servo drive

Laser-cut model of a manually operated turntable with wooden casing and two exits for the distribution of wagons at small depots or factory installations with freight service. It is driven by the included servomechanism. The building kit also contains inserts for the tracks H0f and Z. Required track length: 50 mm. Use our new servo (art. 180725) as the drive.

Epoch II • Lasercut model • Movable model • incl. servo • ø 63 × 35 mm

282733

Engine repair shed

This model can be used within and outside of the depot, e.g. as a locomotive shed, track engine repair shed, blacksmith etc. Doors on the front and back so trains can pass through. The module layout allows for a variable extension of the building and the construction of several models side by side.

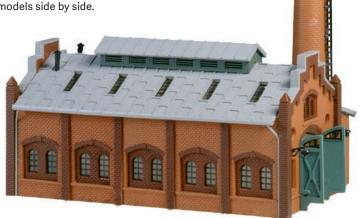
Epoch I • 118 × 83 × 123 mm



282717 Signal tower

Half-timbered building with an outside staircase.

Epoch II • 40 × 28 × 42 mm

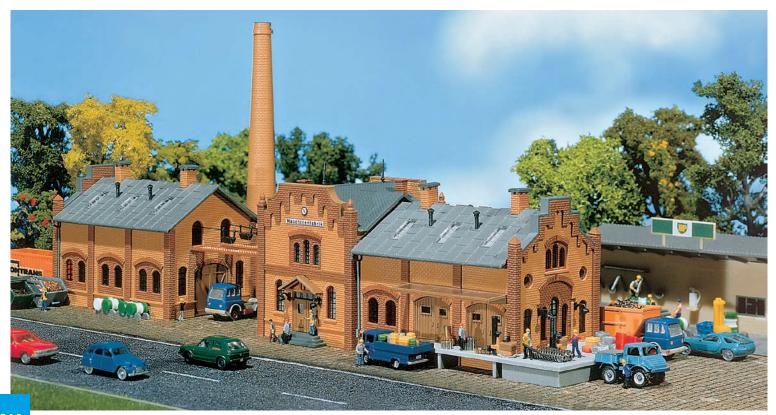


282740 Goods shed

Goods shed with loading and unloading ramp and wide hall doors. Several sheds can be built one behind the other.

Epoch I • 133 × 63 × 56 mm





282741 Engineering works

Impressive building complex with administrative wing, production hall and storehouse with covered loading platform.

Epoch I • 245 × 85 × 110 mm

282747 ARAL Tank farm

High octane! Large ARAL tank farm including one service building with loading platform for trucks and railways, filling plant, pipe system, various barrels and a number of standing and lying cylindrical kettles partly accessible via stairways and footbridges.

Epoch V • Building: 150 × 90 × 38 mm • Tank: 50 × 50 × 28 mm • Tank, upright: 130 × 85 × 53 mm (2 x)



400000



Gardener center

Gardening time all the year round. Small pretty gardening business comprised of a half-timbered dwelling house with garage and 4 greenhouses made of glass that ensure the growing of different plants and types of fruit and vegetables. Various accessories are supplied for decoration.

Epoch III • Residential house: $58 \times 40 \times 40$ mm • Greenhouse: $101 \times 50 \times 21$ mm



170710 Scatter material flowery meadow 30 g



170728 Scatter material Farm road ⁸⁵ g



1**81449 2 Hedges** 500 × 8 × 15 mm



158052 Passers-by



158004 Passers-by II 

»Quakenbrück« Town hall

Fabrication rapide. Laser-cut model, faithful reproduction of the original, to celebrate the 200th Anniversary of semi-classical »Quakenbrück« Town Hall in Lower Saxony, with dog-legged outside staircase, projection and dormer. The predominant grey of mouldings, corners stones, door and window jambs of that two storey administrative building form a contrast to the white facade. Figure and pedestal of the existing war memorial are supplied.

Epoch III • New Item 2018 • Lasercut model • 100 × 56 × 56 mm

282782

Town corner house

Urban life. Four-storey town corner house with dormers and an oriel window in the attic. The facade is optically upgraded through decorative elements and window frames. The entire building contains old apartments that have been renovated. Matches model »Town house«, Art. 282780.

Epoch I - Lasercut model - 50 \times 50 \times 72 mm





282781 Provincial houses

Two dwelling town houses, with three storeys, double pitch roof and dormer windows. They can also optionally (as shown) be built by halves to form a splendid row of buildings in the background of your installation.

Epoch II • Lasercut model •Townhouse 1: $27 \times 24 \times 64$ mm • Townhouse 2: $27 \times 18 \times 59$ mm • Townhouse 3: $28 \times 18 \times 65$ mm • Townhouse 4: $28 \times 18 \times 59$ mm



282780

Town house

Large city ambience. Four-storey dwelling house with fire walls and double pitch roof. The welcome variegation of the facade is ensured by decorative weather mouldings and the coloured frames of the windows.

Epoch II • Lasercut model • $58 \times 43 \times 68$ mm



Village set

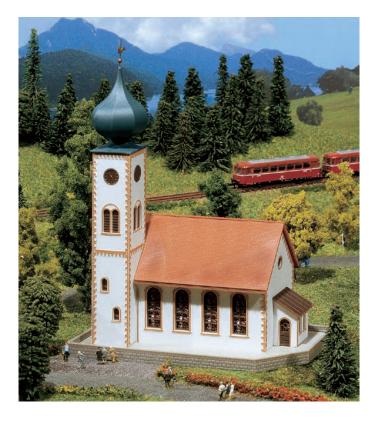
Village set containing the models of a village church, half-timbered house, one-family dwelling house, restaurant and decoration parts for the village square.

Epoch II • One-family house 1: 58 × 40 × 39 mm • One-family house 2: 48 × 41 × 38 mm • Inn: 56 × 45 × 42 mm • Church: 110 × 60 × 158 mm

282775 Village church

Various church-tower roofs are included in the package.

Epoch III • 110 × 60 × 158 mm



282762

Development house with garage

Development house with garage, also easy to build for beginners.

Epoch III • 58 × 40 × 39 mm





282763

Development house

Development house with plastering and half-timbered construction.

Epoch III • $48 \times 41 \times 38 \text{ mm}$



282764

Development house

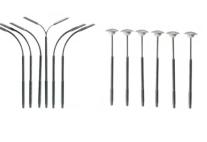
Development house in clinker and half-timbered construction.

Epoch III • $48 \times 41 \times 38 \text{ mm}$









282760 Half-timbered house

Half-timbered house with garage, also easy to build for beginners.

Epoch III • 58 × 40 × 39 mm

282791 Park accessories

This kit is perfect for decorating a small village or making up a village green. Epoch III



282840 Garden fence Epoch I • Parts: 14 • Total length: 434 mm



282841 Fencing Epoch I • Parts: 8 • Total length: 560 mm



272410

Wooden picket fence

Stained laser-cut fence consisting of four picket fencing segments (86 mm each) and two gate segments (36 mm each), which creates a harmonious connection between the house and the garden.

Epoch I • Lasercut model • Fence: 86 × 0,5 × 7,8 mm (4 x) • Gate : 36 × 0,5 × 7,8 mm (2 x)



Pier set

22 piece set with 2 × 10, 15, 20, 25, 30 and 10 × 40 mm. **Epoch I**



282901 4 Track beds 4 track beds, each of 110 mm. Epoch I



282905

4 Track beds, curved 4 track beds, 30°.

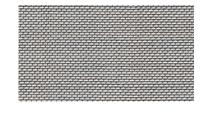
Epoch I • 2 x R 195 mm • 2 x R 225 mm



282960 Tunnel tube Pros »Rock structure«

(Flexible) Tunnel tube incl. 2 mounting aids for mounting in one-track and two-track tunnel portals. Portals are not included.

Epoch I - 120 x 120 x 2 mm



282942 Decorative sheet »Natural cut stone« 220 × 60 × 4 mm

282916 »Laasan« Bridge

From the period of early industrialization. Laser-cut model of the first practicable cast iron bridge on continental Europe, built in the Polish rural commune of Laasan in 1796, featuring five parallel vertical arch segments as supporting structure, roadway with railings and two stone abutments.

Epoch I • New Item 2018 • Lasercut model • 80 × 26 × 23 mm • Clearance: 12 mm



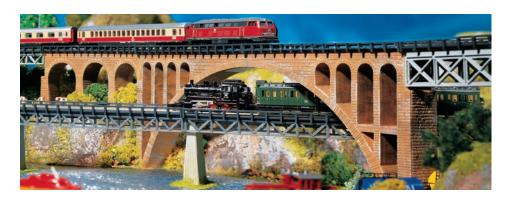


282915 Steel girder bridge

Steel girder bridge with 8 piers (4 x 5 mm and 4 x 10 mm), 2 variations possible.

Epoch I • 220 × 25 × 47 mm • Clearance without piers: 32 mm

367



282924

Stone arch bridge 220 mm. Track bed elevation can be

reduced from 81 mm to 41 mm.

Epoch I • 220 × 25 × 88 mm



158036 At the lumber mill



158038 Policemen



158050 Cows, black-spotted

man and an and

158051 Sheep + shepherd



			HE SCHUTZE
FAIR HO			
	FAIR HO		370 393



HO FAIR





»Caesar's Palace« Ticket booth

Pure luxury and plenty of winners, that's what venturers are going to find in »Caesar's Palace«, stationary model of a former funfair lottery booth which was designed by the Workshop for Applied Advertising (»afaw«) to pay homage to that legendary casino resort in Las Vegas, with antique motifs and period elements.



Epoch V • New Item 2018 • 222 × 78 × 118 mm



140423

»Mouse Town« Fun house

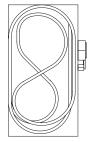
Swarming and bustling in a variegated house full of travelling rodents following the tradition of legendary mouse circuses. The buoyant facade of the model »Mouse Town« gaily continues inside: the visitors to that fun house discover an animal show intended for children with a great number of mice that bustle about in a miniature town with small huts and castles, climbing ropes and branches. Digital printing model with a resin figure inspired by the original of Johanna Brambach from Nuremberg.

Epoch V •120 × 72 × 85 mm



»Alpina-Bahn« Roller coaster

All Hail the Coaster Queen. Functioning model of the transportable steel »Alpina-Bahn« roller coaster of fairground undertaking family Oscar Bruch.



Facades and decoration parts, the wooden paybox and miniature figures in regional Bavarian costumes reproduce the local atmosphere of Alpine refuges, which were imagined and realized by the creative team of Stuhr's Workshop for Applied Advertising (»afaw«). A driving motor ensuring the ascent up the lift hill and control electronics for the stop at the station are included in the kit. The circuit was shortened in comparison with the original: approx. 5500 mm.

Epoch VI • New Item 2018 • Movable model • incl. motor • 715 \times 423 \times 400 mm





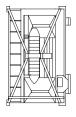




»FUN-Schiff« Ride

Europe's most popular swing. Welcome aboard the first mass production fair model of a large swinging ship.

The lighted swing with complete drive mechanism (motor & control) swings up high while its decorations rouse feelings of ocean holidays. This FUN-Ship is driven by a very silent, powerful direct-current motor fitted with metal gear. Its control system can be activated using keys or a digital center unit. After that a very realistic programme will run fully automatically. Power supply via 16 V, AC voltage.



Get in, have fun and enjoy the view. The owner of the original »FUN-Schiff« is the company Schneider.

Epoch V • Movable model • incl. motor • 285 × 183 × 210 mm





»Star Drive« Dodgem cars



Make way! Two-column cars with optimized guiding, old cars, cashbox carriage and decoration elements true to the original »Star Drive« of Fa. Josef Barth from Kaiserslautern. Digital printing model with PVC roof. A direct-current motor is supplied.

Epoch V • Movable model • incl. motor • 385 × 195 × 113 mm

140424 »Crazy Clown« Attraction

Yellow bow tie, striped jacket, plenty of make-up and a red nose – discover your inner clown with the carny Alfons Tröger's racy, hully gully style merrygo-round.

Once the model's drive disc lifts into a sloping position, the crazy clown's movement becomes an exciting roller coaster adventure.

Colorful spectacle with painted resin figure and intricate digitally printed themes. The kit includes the drive mechanism and a control unit.



Epoch V • Movable model • incl. motor • 105 × 96 × 63 mm • Ticket booth: 26 × 20 × 38 mm





»Super-Wave-Swinger« Roundabout

Anniversary model of a wave swinger with new decoration and modern digital control system. The functions of that chair-o-planes such as acceleration, hydraulics and tilting top as well as the decoration with nostalgic paintings are inspired by the original »Kreuznach Wave Swinger« of showmen Nickel GbR from Frankenthal.



Lifting and lowering of the column as well as rotation and tilting of the roof are ensured by two motors (16 V AC or digital voltage) located within a decorative enclosure that can also be hidden behind a movable background wall with digital printing, if desired. A platform and a small paybox form part of the kit. Leisurely enjoy the large view of your funfair. The FALLER team wish you a pleasant flight!

Epoch V • Movable model • incl. motor • 288 × 200 × 155 mm



140345

»Super-Wave-Swinger« Trailer

Digital printing model of the showman's luggage trailer intended for the »Super-Wave-Swinger« of showmen Nickel GbR. To go with the attraction art. 140344.

Epoch V • 135 × 29 × 48 mm



140315 Chairoplane

For the fairground area of your layout. 12 seats, coloured roof segments, indirectly illuminated girder supports, including drive motor (12-16 V, AC voltage).

Epoch II • Movable model • incl. motor • ø 152 × 125 mm

140316

Children's merry-go-round

Undoubtedly the classic among vintage merrygo-rounds. Roof with elaborate mirrors, complete with driving motor (12-16 V, AC voltage).

Epoch IV • Movable model • incl. motor • ø 121 × 90 mm





140329

Children's Merry-go-round

In the classic style of old funfair attractions. With various vehicles, motorbikes, horses and tigers. Complete with driving motor (12-16 V, AC voltage).

Epoch III • Movable model • incl. motor • ø 125 × 115 mm



»Octopussy« Roundabout

Model of the original fairground ride designed by the manufacturer Schwarzkopf GmbH on behalf of Markmann & Söhne GbR.



The five separate cars arranged on the five movable carrying arms rotate around their own axis, the carrying arms move up and down in a varying manner, the whole bogie goes through an inclination – all this is controlled according to the original by complex driving and control equipment (12-16 V, AC voltage). Realistic flow of operations, detailed construction and design implemented to perfection. A special attraction to any enthusiastic fairgoer.

Epoch IV • Movable model • incl. motor • 250 × 260 × 142 mm



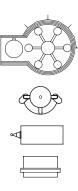
140400

Tourist mini-train

Please get in! This tourist mini-train has great attraction for city tours and at fairs (without function).

Epoch IV • 161 \times 24 \times 28 mm





County Fair Set with Polyp

The tentacle spectacular »Polyp« turns with its dancing octopus arms happily in a circle and transforms any area into happy festival grounds. Surrounded by the booths »Cylinder Toss» and »Corncobs«, as well as a restroom-facility wagon and various barriers, this is the ideal atmosphere set for all enthusiastic county fair beginners, families and carnival fans.

Epoch V • Movable model • incl. motor • Polyp: 230 × 145 × 100 mm • »Corn on the cob« funfair booth: 60 × 40 × 102 mm • Toilet wagon: 88 × 41 × 44 mm • Ball toss booth: 64 × 39 × 49 mm • Total length of fence: 240 × 23 mm



140478

Claw crane

Large claw crane from which you can extract all sorts of soft toys by means of joystick, key buttons, sledge and claw, with some skill and luck. Model without function.

Epoch IV • New Item 2018 • 65,5 × 50 × 38 mm



153051 Fairground Set of figures II



153052 Fairground Set of figures III



7 Funfair slot machines **Epoch IV**



¹⁴⁰⁴²⁸ »Salto Mortale« Attraction

Faithful reproduction of the attraction built by Dutch manufacturer Mondial. After visitors have gotten on, the powerful supporting beam rises, then rotates, which causes the gondola arms arranged in a garland to rotate in the opposite direction, while their rows of seats additionally overturn several times. Fitted with two motors, control unit for the program sequence and lighting elements. Ready for connection to operate on 16 V AC voltage.

Epoch V • Movable model • incl. motor • 257 × 254 × 167 mm







Fairgoers Content: 36 pieces



153006 Fairgoers Content: 36 pieces

¹⁴⁰³²⁵ »Power Tower« Fairground operator

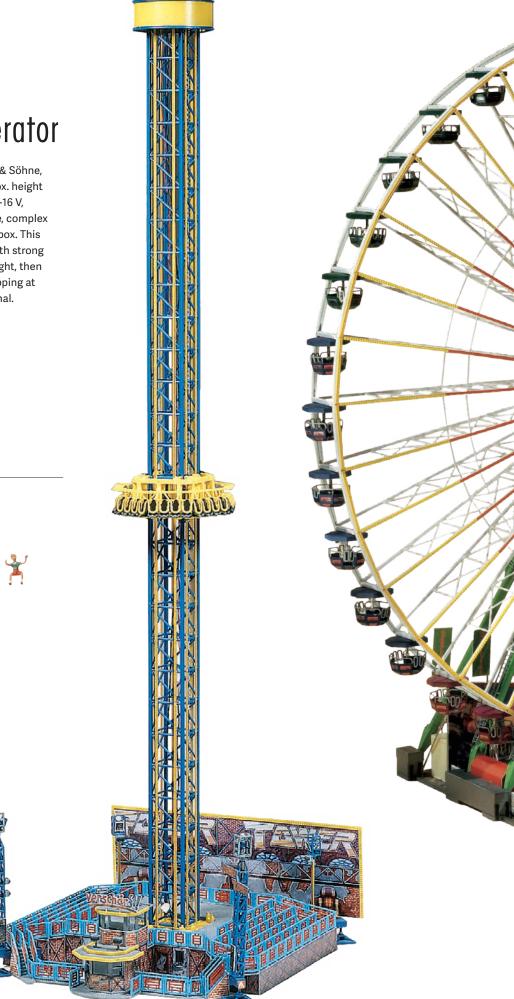
Original fairground model of Maurer & Söhne, Munich. Fully operative model, approx. height 700 mm, with special drive motor (12-16 V, AC/DC), electronic control sequence, complex background, lighting poles and cashbox. This gives you the big kick, for persons with strong nerves only. Moving up to a dizzy height, then moving down to the floor before stopping at free fall. This model follows the original.

Epoch V • Movable model • incl. motor • 215 × 250 × 685 mm



153050 Fairground Set of figures I

382



»Jupiter« Ferris wheel

Original fair vehicle from Nauta-Bussink, in the possession of the fair operator Barth-Kipp in Bonn. This vehicle features completely new dimensions: 36 coloured illuminated cars, overall height 520 mm, »Jupiter« lettering; paybox and front supporting pillars can be illuminated effectively. With drive motor (16 V, AC voltage). For illumination of all cars, the »Jupiter« lettering and the front supporting pillars, the Ferriswheel lamp set (art. 140471) is required. This set of lamps can be retrofitted.

Epoch IV • Movable model • incl. motor • 280 × 220 × 520 mm



Ferris-wheel lamp set

Light set, matches »Jupiter« big wheel (Item no. 140470). Lights all 36 gondolas, the Jupiter lettering and the front support struts. Select from ten chaser light programs. The product includes one power supply (5V, direct current). Also suitable for subsequent installation. **Epoch IV**



≡HO

Ferris wheel

This model is a must in every amusement park. The FALLER motor (art. 180629, 12-16 V, AC voltage) is used for driving the model.

One ferris wheel lighting set (art. 180635) and two replacement bulb sets (art. 180636) are required for complete lighting of all gondolas.

Epoch II - Movable model - 215 \times 199 \times 326 mm

180635

180636

Lighting set for ferris wheel

10 bulbs in 5 colours, 2 clear bulbs (12-16 V, DC, 30 mA each). Contact strips and wiring. This lighting set provides sufficient lights for every second gondola and the entrance. To illuminate all gondolas 1×180635 and 2×180636 are required.



384

Replacement bulbs

Replacement bulbs for the illumination of the ferris wheel (art. 140312), 5 coloured and 1 clear bulb.



2 LED bar spotlights, white

Bar spotlights with 5 LEDs each. Ready for connection to 12-16 V, +AC/DC voltage. The connections using enamelled copper wires on both sides allow to divide or shorten the bars one time.

In AC voltage mode you need rectifier (art. 180633) for flicker-free operation.



180649 LED light festoon

30 LEDs, in different colours. Ready for connection to 12-16 V, AC/DC. Length: approx. 250 mm. The connections using enamelled copper wires on both sides allow to divide or shorten the festoon one time. Perfect to illuminate funfair stands, ships, beer gardens, etc. In AC voltage mode you need rectifier (art. 180633) for flicker-free operation.

180647 5 LEDs, white

LEDs with enamelled copper wires. Ready for connection to 12-16 V, AC/DC voltage. Pressure-sensitive. To illuminate buildings, rooms, means of advertising, outdoor installations, etc.

In AC voltage mode you need rectifier (art. 180633) for flickerfree operation.

»Pirate island« Wildwater canoeing course

Fully functioning wildwater canoeing course built by Messrs. Mack (Waldkirch). The buoyant boats in the shape of a tree trunk float on real water over the racing course with a length of approx. 3300 mm. Roundabout movement via two motor lifts (12-16 V, AC voltage). Two water pumps (12-16 V, AC voltage) keep the water circulating.

A huge figure of a pirate captain, a faithful, coloured decoration and a typical cash-box provide the proper atmosphere. Illumination can be retrofitted.

Epoch IV • Movable model • incl. motor • 530 × 430 × 210 mm



(H0, N) 180671 white 180674 green 180672 red 180676 blue

180673 yellow

Micro-cable bulb

The FALLER micro cable bulbs (12-16 V, AC/DC, 35 mA) are suitable for the ideal lighting of all fairground booths and rides.

Special lighting effects

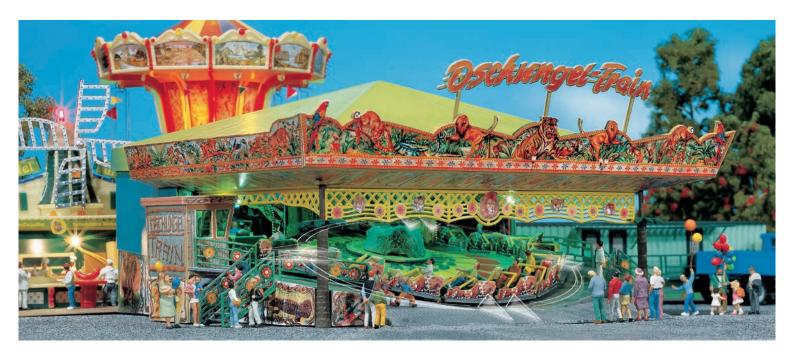
Various LED items or the simple micro-bulbs are available from our product range for hobbyists to illuminate models and for special effects. The LED light strips and minilights especially are perfect when setting the scene for our fair models. → For more information, see from page 522.

111



385

140431 »Top Spin« Roundabout Original ride from Huss, owned by the carnival operator Bausch in Munich. Fully functional model with two special drive motors (12-16 V, AC voltage) with respective gear sets. The huge supporting arms rotate forwards and backwards simultaneously. The wide gondola can also be rotated separately in both directions. With automatic random control. Equipped with panorama decorations, ticket booth and accessories. Epoch IV Movable model incl. motor 240 × 240 × 214 mm 0.808 117 1 1 1 1 1 386



»Jungle train« Roundabout

The 20 colourful cars speed around in a circle. Complete with drive motor (12-16 V, AC voltage) and true to original décor.

Epoch IV • Movable model • incl. motor • 208 × 199 × 93 mm



140461

»Break Dance No.1« Roundabout

16 colourful gondolas on 4 rotary tables spin around wildly in a circle. With cashbox and gorgeous background decorations. Complete with motor (12-16 V, AC voltage). With the addition of art. 180647 + 180671 interesting lighting can be achieved.

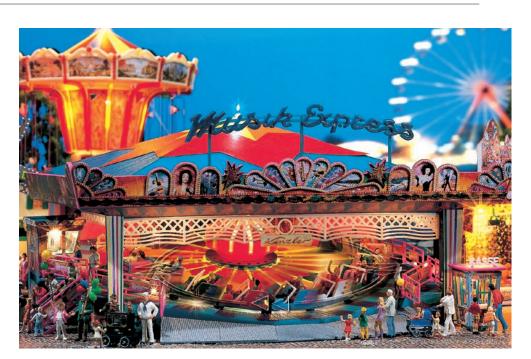
Epoch IV • Movable model • incl. motor • Carousel: 250 × 240 × 136 mm • Ticket booth: 32 × 32 × 37 mm (2 x)



140437 »Musik Express« Roundabout

Enter the roundabout and the ride will start at breakneck speed with 20 coloured gondolas. Complete with motor (12-16 V, AC voltage) and lighting. ≡ H0

Epoch IV • Movable model • incl. motor • 208 × 199 × 93 mm



¹⁴⁰⁴³⁹ »Flipper« Roundabout

Complete with drive motor (12-16 V, AC voltage), gorgeously coloured background scenery and cashbox. Attractive lighting possible by adding micro-cable bulbs 180671 at a later time.

Epoch IV • Movable model • incl. motor • 260 × 225 × 140 mm



140477 Carnival Machines

First right, then left, then forward, backward, and down! The amusing claw crane and 14 more carnival machines challenge your skills. You can either position them on the counter or use the stands.

Epoch IV = 65,5 \times 50 \times 38 mm





388

A model with 5 swingboats and colourful decorative pictures. Fully functional with drive element, which enables each individual swingboat to swing in its own rhythm. Equipped with light blinking mechanism. There is a micro bulb (art. 180671) included to operate the blinking unit. With motor (12-16 V, AC voltage).

Epoch II • Movable model • incl. motor • 184 × 98 × 104 mm



≡HO

140358

Fairground barriers and signs

Barriers together with information and advertising banners as well as fairground signs.

Epoch V • Total length: 720 mm



180499

Maypole

Festive central point in the village. Splendid may pole painted in traditional white-blue colours, ornamented with corporation arms and digital paintings on colourful tablets with scenes of the village life, trades and crafts.

Epoch II • 237 × 35 × 20 mm



■H0





140442

2 Mobile sales units

Here ice-cream and pancakes are offered. The sales booths can be also used at weekly markets and in the town.

Epoch V • Ice booth: 50 × 40 × 43 mm • Crêpes booth: 43 × 43 × 45 mm



140444

»XXL French Fries« Fairground booth

Extra long French fries of XXL size are the moneymaker here. This French fry booth can also be used on weekly markets and in town.

Epoch V • 52 × 75 × 61 mm



140445

»Sea Fish« Fairground booth

Here, you get all kinds of seafood fresh on your plate. This fish booth can also be used on weekly markets and for street events.

Epoch V • 126 × 60 × 75 mm



140322

»Roundabout bar« Refreshment kiosk

Beverages of all kinds are offered here. Complete with high tables, stools and decorative material. Can be used on fairgrounds or at street festivals.





140464 2 Fairground booths

Original showmen's booths »Hot-Dog-Man« and »Power-Ball« throwing booth.

Epoch V - »Hot-Dog-Man« funfair booth: $67 \times 43 \times 96$ mm - »Power-Ball« throwing booth: $64 \times 40 \times 59$ mm



2 Fairground booths

At the candy booth »Dolce Diavolo« there are quite a lot of »devilishly good« sweeties. At his booth the clown offers multi-coloured balloons.

Epoch V • Candy booth: 112 × 47 × 60 mm • Balloon stand: 33 × 35 × 46 mm

140446

2 Fairground booths

Original showmen's booths »Ducky Pond« and »Fishing Game«.

Epoch IV • Carnival booth 1: 93 × 46 × 63 mm • Carnival booth 2: 100 × 44 × 68 mm

Tauseno sale Cecheceien Tauseno sale Cecheceien

140320 Midway booths

With the included front decorative pictures and the accessories and decorative elements for the interior design, both stalls can be built as a shooting gallery and a booth with »All kinds of sweets«. The stalls can be illuminated with the micro-bulbs from art. 180671-180676.

Epoch III • Shooting gallery: 96 × 32 × 67 mm • Candy booth: 96 × 32 × 77 mm



¹⁴⁰⁴⁵² »Glückskönig« Ticket booth

»Every pick is a winner. Who hasn't tried; who wants to go again?«. Everyone can try their luck here. With many decorative elements and accessories.

Epoch IV • 253 × 55 × 75 mm

140480 Set of funfair caravans I

A comeback of FALLER car models. Set of funfair caravans comprised of a three-axle stanchion trailer with container body and a caravan with rounded roof, five oriels, a side veranda with awning and small upward stairs. Each one with underfloor roller hold and forked draw-bar.

Epoch IV • Stake car: 180 × 33 × 43 mm • Caravan: 181 × 70 × 58 mm



140481

140482

Set of funfair caravans II

Everything you need. Set of funfair caravans comprised of a showman's luggage trailer and a caravan with side veranda and two separate entrances with small upward stairs. Each one with rounded roof, underfloor roller hold and forked draw-bar.

Epoch IV • Baggage car: 195 × 30 × 44 mm • Caravan: 181 × 50 × 60 mm



392

Set of funfair caravans III

Let's go to the next destination. Set of funfair caravans comprised of a three-axle stanchion trailer and a worker caravan with roofed veranda and stairs. Each one with underfloor roller hold and forked draw-bar.

Epoch IV • Stake car: 180 × 33 × 43 mm • Caravan: 181 × 44 × 38 mm



140483

Set of caravans

My home is my castle. Two models of caravan of different length from the 1970s, one with rounded and one with box-type body.

Epoch IV • Caravan 1: 89 × 26 × 28 mm • Caravan 2: 56 × 23 × 27 mm







²⁴²³⁰¹ Funfair Set

Motley miniature county fair dispels boredom in town with motorised pony carousel for the little ones, two shooting galleries and a booth selling sweet treats.

Epoch IV • Movable model • incl. motor • Carousel: Ø 69 × 65 mm • Shooting gallery laser-cut: 55,5 × 25 × 45 mm • Shooting gallery: 59 × 25 × 38,5 mm • Candy booth: 53 × 25 × 42,5 mm





242320 2 Funfair stalls

2 fairground stands. Can be illuminated using the micro-bulb (art. 180671).

Epoch III • 53 × 18 × 43 mm (2 x)





242321

2 Market stalls

Decorations for the frontages are included. Can be illuminated using the micro-bulb art. 180671.

Epoch III • 53 × 18 × 38 mm (2 x)



242316 Children's merry-go-round

A colourful and dazzling roundabout which young and old are gladly reminded of, even today. The model can be retrofitted with the FALLER motor (art. 180629, 12-16 V, AC voltage). With roundabout horses and carriages. Can be illuminated with 1 micro-bulb (art. 180671).

Epoch III • Movable model • ø 68 × 65 mm



242315

Chairoplane

Brightly coloured chairoplane with 12 chairs, gaily decorated panels on the roof and colourful paintings around the central support. The model comes complete with motor (12-16 V, AC voltage). The chairoplane can be illuminated to great effect, using the FALLER grainof-wheat bulb (art. 180671).

Epoch II • Movable model • incl. motor • ø 68 × 68 mm



155341 Carnival figures



180629 (но, тт, м) Synchronous hobby motor

12-16 V, AC voltage, 60 mA. Choice of 15 or 4 rpm. Reversible for clockwise- and counter-clockwise rotation. This robust, long-lasting motor can be used for various purposes, e.g. wave swinger, conveyor, gantry crane, railway gate, wind-, water or saw mills, feed pump, etc. Detailed instructions are included.



180641 Transformer

Transformer for high output. Especially applicable for the operation of fair rides, electrical appliances, lighting, power supply for Car System controls and other model making accessories. With overload protection.

147 x 84 x 64 mm



CAR SYSTEM

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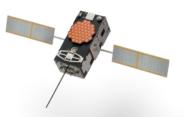


CAR SYSTEM DIGITAL



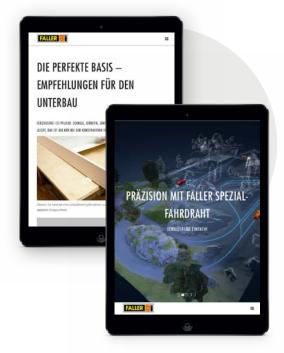


Shop online: www.car-system-digital.de



CAR SYSTEM DIGITAL -PURE INNOVATION

Road show! Cars are an element of our culture and as such simply exciting. Integrated in your installation as miniature road traffic in motion, they provide an extraordinary overall impression embracing your building models and your landscape arrangement. With »Car System Digital« you are going to exhaust all the benefits offered by modern information and communication technology to scale modelling, and will be able to focus on what really counts here: your creativity.



more functionality for conventional miniaturization: it's safer, more exciting, and fully interconnected! You will find in-depth information relating to Car System Digital vehicles **on page 402**. Cockpit! The »Car System Digital« software is able to handle all traffic scenarios, autonomously and in accordance with the situation, regardless of the

os, autonomously and in accordance with the situation, regardless of the density of traffic, circuit layout, and installation size. It offers outstanding ease of operation when designing and controlling model layout construction, and allows you to keep a complete global view of the process at any time. You will find a general view of the »Car System Digital« software **from page 404.**

Cruising! Each individual Car System Digital vehicle fascinates alone through an entire spectrum of realistic details that nearly make you forget the scale of 1:87. The adjustment of driving behaviour to the traffic flow and the observance of the applicable traffic regulations are fully automatic. You thus get noticeably

Circuit! »Car System Digital« always conforms to the layout you have designed, to the existing building arrangement and railway circuit, and thus reduces your construction work to embedding the guide wire, building the component »Turnout« into the road, and fastening the ultrasonic satellites above the model installation. Do you feel like a test drive now? All you need for perfectly designed and fitted streets and roads can be found **from page 433**.

Products protected through: European patent no. 13 152 513.1-1658 US patent no. 8,781,648 399

www.car-system-digital.de

PERFECTION, PRECISION, PASSION

Car System Digital vehicles can be personalized down to the smallest details and set new standards through their faithful reproduction of the real originals. Combined with the »Car System Digital« software they meet the most stringent requirements regarding their driving characteristics and functions – It will be guaranteed ecstasy and definitely the distinguishing mark of your model layout.



161309 Car System Digital 3.0 VW Crafter »Fire Rescue« (HERPA) - Epoch V



161305 Car System Digital 3.0 MAN TGA »Street Sweeper« (HERPA) - Epoch V



161306 Car System Digital 3.0 MAN TGS TLF »Fire engine« (HERPA) - Epoch VI



161304 Car System Digital 3.0 Lorry MB Atego »Hertz« (HERPA) - Epoch V



161349 (HO, N)

Processor-controlled charging unit

The latest generation of microprocessor controlled charging stations reliably charges all analog or digital Car System vehicles equipped with Li-ion or NiMH batteries. The digital vehicle's basic light and sound functions can be switched on and off using the charging station's control keys. You don't need a separate command station for adjusting basic functions. The charging station operates with 16 V AC voltage. The boost charge function reduces charging time for digital vehicles to about 1 hour. If you use the complete Car System Digital system, you only need the station for charging your digital vehicles.



161310 Car System Digital 3.0 Lorry Scania R 13 HL (HERPA) - Epoch VI -



161307 Car System Digital 3.0 MB Citaro »City bus« (RIETZE) - **Epoch VI**



161303 Car System Digital 3.0 Lorry MB Atego »Sixt« (HERPA) - Epoch V



161313 Car System Digital 3.0 Lorry MB Actros LH'96 »Roll-off container« (HERPA) - **Epoch V** - New Item 2018

ite deine Stadt sauber !

Vehicle features of the digital series

- Faithfull reproductions: realistic starting, acceleration and braking behaviour
- Light functions: e.g. headlights and stop lights, flashlight turn signals, warning signal flasher, if necessary front warning lights, and many others more.
- Sounds: horn, siren if necessary
- Vehicle parameters programmable: up to 128 speed levels, time lag on start, braking curve, and many others more
- In real time: control and change of all the vehicle's functions
- Radio module: permanent bidirectional link
- New loading technology: quick and gentle loading procedure
- Magnetic field sensor: use also possible on analog installations



Analog-Digital Conversion Kit

Printed circuit board allowing to retrofit various analog Car System vehicle models for digital operation with ultrasonic locating, fully automatic distance control and modifications of the driving speed while playing. Moreover all soldering pads required for additional lighting and equipment with sound functions are provided on the board. Experienced modellers will thus be able to convert any analog Car System vehicle to an integrally Car System Digital model. Compatible with Car System H0 bus and truck models.

Analog-Digital Conversion Kit – Upgrade to the future

Simply lift up your existing Car System installation to a fully new level.

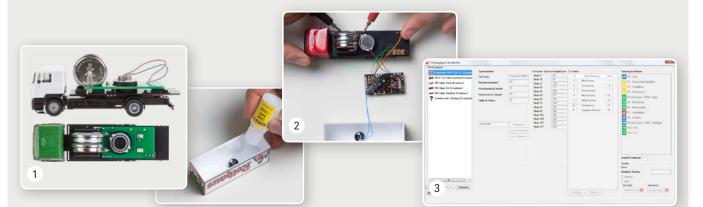
With the **»Analog-digital conversion kit«**, art. 163701 you will clear the way for the **location and control of your conventional miniature vehicle in Car System Digital operation.** The programmable conversion PCB also features soldering pads allowing the optional equipment of the vehicle with **light and sound functions.** While simply continuing to use your existing road net.

General view of product

Besides the conversion PCB the parts supplied with the conversion kit also include **the ultrasonic capsule allowing the location of the vehicle.** That capsule sends to the satellites, beyond the audible range of frequencies, regular signals that are used by the system to determine the position of the vehicle. A suitable positioning ring ensures the accurate fixing of the capsule to the roof. To make the emission and reception of **information by radio** possible the conversion PCB features an aerial.

Know-how

Some basic knowledge of electronics and soldering is required to convert the vehicle. In the comprehensive instructions for use we have thus compiled for you all soldering recommendations that we consider to be useful, we also give plenty of tips and recommend the suitable materials and tools allowing the optimum equipment of your **workplace environment.**



Conversion in three simple steps

1 Empty the interior of the vehicle, prepare it and install the ultrasonic capsule in the roof.

2 Connect to the conversion PCB the vehicle's components »Charging socket«, »On/Off switch«, »Dry-reed sensor«, »Motor«, »Batteries«, the »Temperature sensor« supplied to monitor the battery charging process as well as the ultrasonic capsule.

3 Programme the vehicle using the »Car System Digital« software. Putting the digital vehicle into operation

After the conversion all functions in the vehicle can be activated and modified by radio **while driving**, either by clicking on the relevant symbol in the software menu, or by means of a command sent by an automation, or via the integrated voice actuation. Whenever the converted digital vehicle is not within the radio control area of a Car System Digital master, it will behave like any other analog vehicle and can also **be used on analog Car System installations** without any difficulty.

Notes

Please observe that **car and sprinter van models** are not scheduled for conversion to Car System Digital operation at the moment and that, after mounting the PCB, you will immediately require the **Car System Digital software and hardware** to set up and operate your new digital vehicle.

HIGHEST DEMANDS – MET AMAZINGLY SIMPLY

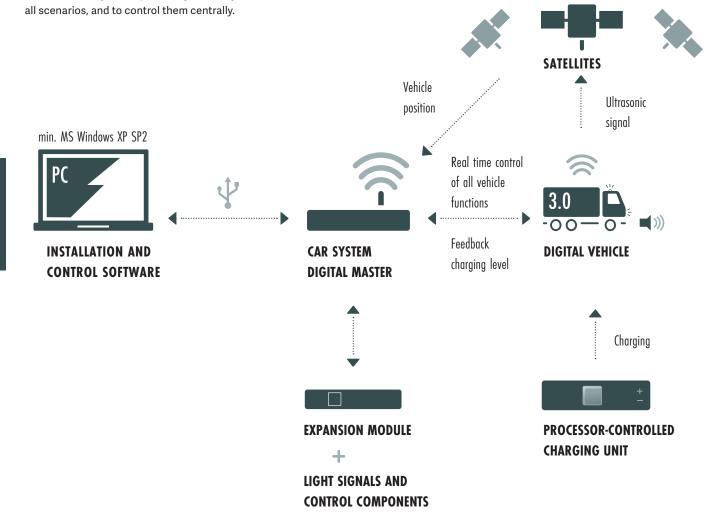
The »Car System Digital« software provides central control of your miniature road traffic and a permanent survey on your computer, independently of the size of your installation, density of traffic, or complexity of our traffic scenarios. Thanks to the nearly cableless structure and virtual recording of circuit, realization will only require minimal technical means. Highest priority is given to the pleasure of driving with fascinating vehicles.

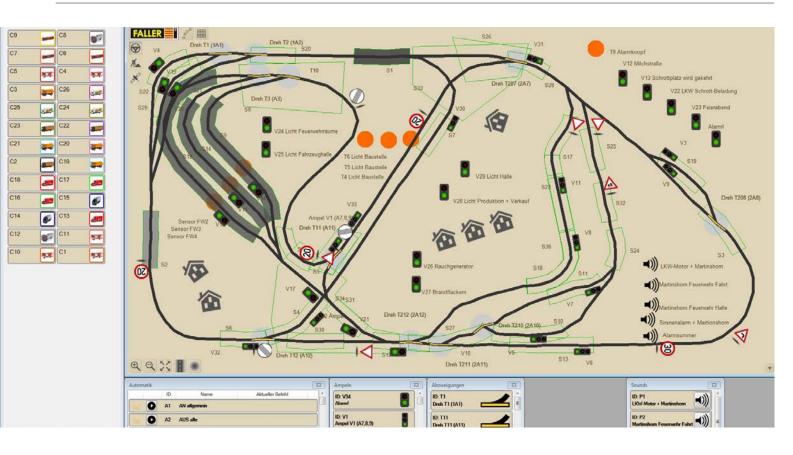
Your individual installation

404

Your road net is recorded, drawn und stored, geometrically correct, in the software through a simple drive of a digital vehicle covering each possible itinerary only once. After you have subsequently indicated the existing turnouts, you are able to set up on your circuit layout, using the mouse, as many monobloc sections as you want for the most varied traffic scenarios. The software interface offers you the possibility to survey the traffic flow with all scenarios, and to control them centrally.

GPS for the hobby room Determination of the position accurate to the last millimetre using ultrasound







Modules

Location by ultrasounds:

Each digital vehicle features an **ultrasonic transmitter** in the roof and constantly transmits its position via the **satellites.** Processing its XYZ coordinates allows to display the position and movement of the digital vehicle in real time on the software interface. By combining measurements and calculations the position is correctly displayed at all times, even during the passage through a tunnel.

Communication by radio:

Each digital vehicle features an integrated **DCC decoder and radio transmitter/receiver.** After being switched on, the digital vehicle is identified by the **digital master** and visualized with all its features on the user interface. The vehicle is controlled by radio. Distance control between digital vehicles is fully automatic.

Virtual sections

Exact location makes any insertion of sensors into the road unnecessary. After they have been installed, virtual sections or point signals can be hidden, if desired, or only displayed when activated to ensure a better survey. A digital vehicle that approaches virtual traffic lights will slow its speed depending on its distance to the point signal. Braking distances will thus be of varying length, but braking never is abrupt.

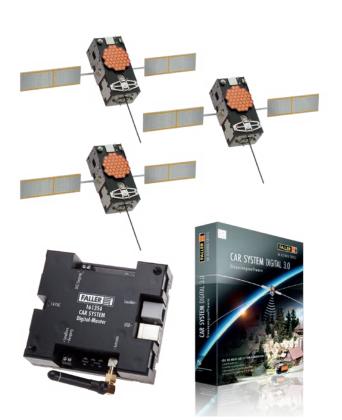
Automations and traffic signs

It's your choice whether you want to drive manually or have the entire installation monitored by automations: this includes, among other things, all traffic regulations, traffic light sequences, direction signals at turnouts, speed changes, loudspeaker sounds or light functions of your digital vehicle such as headlights, flashlight turn signals or warning signal flashers. Simply realize each of your visions, and change it again as often as you like. The easiest setting variant is placing traffic signs by drag and drop.

161355 Car System Digital Beginner's Set

The beginner's set, without the vehicle, provides all components that are necessary for getting started with fully automated operation of the Car System Digital. In addition to the 3 satellites, the Car System Digital Master, as well as the software necessary for the controls, are included in the set. The software is Windows compatible from Version XP SP2. In addition to a totally realistic road load, a fully comprehensible distance control of the vehicles is also possible! Playful fun is guaranteed.

The <code>»Standard«</code> software license type included covers the operation of up to 10 digital vehicles.





161352 (но, м) Expansion module

The extension module is connected to the Digital Master through LocoNet cable and fully automatically identified as hardware component by the »Car System Digital« software. Its 11 inputs and 12 outputs allow to preconfigure and control any light signals built into the circuit such as e.g. physical traffic lights, LEDs or lamps, to install and actuate Car System control components such as e.g. turnouts, parking spaces or sensors as well as other consuming devices. After virtually recording the track these components or devices all appear in the system window and are provided with a digital address. The extension module operates on 16 V alternating current. Several extension modules can be connected in series. The extension module may also be directly connected to any LocoNet capable digital control unit (e.g. Uhlenbrock Intellibox II) and be operated via such control unit.



161391 LocoNet Cable 0,5 m

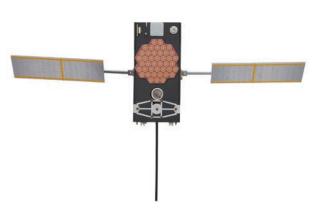
161392 LocoNet Cable 2,0 m



161393 LocoNet Extension cable 2,0 m



161394 LocoNet Y-junction



161353

Car System Digital Single satellite

The satellites serve to locate the vehicle. The duration of the vehicle ultrasound signal is transmitted to all the satellites and therefore, the position of the vehicle can be precisely determined with an accuracy of 10 mm. Depending on the size of the system, 3 satellites are necessary for the fully automated digital operation of the Car System Digital.

181 × 302 × 108 mm

161354

Car System Digital Master

The Car System Digital Master (wireless base station) controls the communication between the necessary components and controls all functions. The communication between the satellites and the respectively vehicles is ensured by means of a wireless transmission through the respective reception module.

The Car System Digital Master possesses the following interfaces:

- USB interface for connection to a PC
- LocoNet Master connection for expansion with any LocoNet Components desired, e.g. connection of PC expansion module
- parallel power supply for satellites
- interface for any random DCC digital centre
- independent power supply with 16 V alternating voltage
- high-performance wireless antenna

The »Basic Version« software license type included covers the operation of 2 digital vehicles.

Flashing lights New Item 2018



length 15.7 mm: Vans. Total length 20.2 mm: Lorries.



20.2 mm, blue

Rotating beacon modules (RKL modules) / flashing lights are intended to operate on 0.8 to 3.3 V DC, and can be used for both, Car System vehicles and the equipment of stationary models. Modules are 3.5 mm wide and 2.4 mm high including PCB. Total length 13.5 mm: Cars/SUV. Total

20.2 mm, orange



Branch-off junction

161677 (HO, N)

Whenever it is activated the magnetism of the branch-off junction steers a vehicle onto a second turning-off guide wire. This occurs via the magnet fastened to the steering slider built into the vehicles.

161773 (HO, N)

3 Sensors

For Car System Digital operation you only need sensors if you want to perform functional changes in areas that are not covered by the satellites, for instance in tunnels, underground garages or other shadow areas on your model layout. Of course you also always have the possibility to control consuming devices through checkback signals sent by sensors.

5 SMD-LEDs

5 SMD reflector LEDs with powerful directional luminosity that like head lights does not radiate towards the interior of the vehicle. Suitable e.g. for the lighting of funfair kits, the equipment of vehicles with lights and many others more. SMD LEDs are characterized by their weak generation of heat and long service life. PAS format: 0603, corresponds to 1.6 x 0.8 mm. Operate LEDs only with the stated low voltage.





163759

408

Car System Digital LED Lighting kit for lorry MB SK, MAN F2000 (HERPA)

Light functions for your Car System Digital vehicles. The lighting kit contains two PCBs provided with LEDs that ensure all the lights on lorry models »MB SK« or »MAN F2000«. The adapted positions of the fastening holes and LEDs allow direct fastening of the PCBs to the bumpers of the vehicles. The LED lighting kit contains:

- Front board with headlights and turn signal lamps
- Rear board with rear lights and turn signal lamps
- Set of cables

To convert conventional Car System model vehicles for Car System Digital operation simply use the »Analog-Digital Conversion kit«, Art. 163701.



163758

Car System Digital LED Trailer light bar

Light functions for your trailer on a Car System Digital tractor. Board provided with LEDs to ensure all the lights of a towed trailer, e.g. one by HERPA.

- Board with rear lights and turn signal lamps to be fastened to the trailer
- Protective resistors required already present on the board
- Set of cables for the soldering in the Car System Digital vehicle: supplied
- Plug-and socket connection set for the trailer: supplied



All you need

THE BASICS AT A GLANCE

Car System and Car System Digital are founded on the same simple basic principle: a guide wire made of steel secured on a flat support and a vehicle placed onto that support that is switched-on and follows the run of the guide wire. With roads designed true to reality and various elements ensuring traffic control, you realize miniature road traffic full of life without major technical means.

E H0

With both Car System and Car System Digital, combining a few products already allows to achieve the whole range of possible functions. These basics will allow you to achieve the fastest and easiest integral driving experiences on your model layout.

PRODUCTS	Car System Digital	Car System
Special contact wire, art. 161670	\checkmark	\checkmark
Laser-Street elements	\checkmark	\checkmark
Groove cutter, art. 161669 (as an alternative to Laser-Street elements)	\checkmark	\checkmark
Knifing filler, art. 180500	\checkmark	\checkmark
Transformer, art. 180641	\checkmark	\checkmark
Processor-controlled charging unit, art. 161349	\checkmark	\checkmark
Car System Digital Beginner's Set, art. 161355 (Software, Master, 3 satellites)	\checkmark	
Expansion module, art. 161352	\checkmark	
Stop section, art. 161675		\checkmark
Branch-off junction, art. 161677	\checkmark	√ 409
Parking space, art. 161674		\checkmark
3 Sensors, art. 161773		\checkmark
Traffic-Control, art. 161651		✓

All-round customer assistance

If you need some advice on our products, order spare parts, or want us to repair or service any article, FALLER customer service department is always ready to help and will be pleased to provide you with expert assistance. Moreover, all information on our products and all instruction manuals are available for download as PDF files on <u>www.faller.de.</u>

E-mail: kundendienst@faller.de Phone: +49 7723 651-106 Technical assistance by phone: Mondays: 8.00 hrs – 16.00 hrs Tuesday – Thursday: 8.00 hrs – 12.00 hrs



CAR SYSTEM



For over 25 years now, Car System has been the eye-catcher on all installations of car fans among model-makers. The prerequisites to livening up any model landscape with turbulent street traffic in a fascinating way are conceivably simple.

All you need for this purpose is a Car System vehicle, a road made of wood and FALLER's speciality guide wire embedded in it. It's guaranteed amazement and ecstasy!

Operated by a built-in motor and fitted with a magnet fastened to a small steering glider rotating the front axle to and for every Car System vehicle neatly follows the run of the guide wire. This will allow you already to let a vehicle drive very simple rounds with minimum technical means. There certainly are exciting routes everywhere on your installation, and you will find Car System vehicles suitable for the most varied themes from page 415.

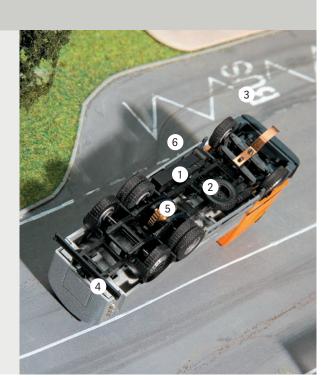
Should you want a vehicle to stop briefly, in front of a zebra crossing for instance, simply use the component »Stop point«. For the option allowing to take different routes, use the component »Turnout«. All control components are installed under the board, thus the third one called a »Parking space« too, which is used for the permanent stopping of vehicles. To actuate these control components it is usually easiest to use some push buttons. You will find a general view of all control modules **from page 422.** Should the traffic flow without any action on your part, it is sufficient to build a small »sensor« into the course of the road. Whenever a Car System vehicle drives over that sensor, a component will receive the pulse for switching. In such a case automatic control is obtained by connecting sensors and components to the »Traffic Control« unit that features several inputs and outputs to this end. That »Traffic Control« also allows to handle simultaneously several traffic scenarios connected to it. Pulses can be transmitted to the »Traffic Control« not only via sensors, but also via any keys, switches or switching tracks.

Traffic gets particularly realistic when using various light signals such as traffic lights, road blocks in front of street building sites, or radar speed checks, which can be regulated, if desired, through the »Traffic Light Control« unit. All products suitable for road construction and the complete equipment of a circuit with light signals can be found **from page 426.**

The Car System vehicle

»They drive by themselves! How does that work? "This is a question we hear quite often, because after all, this is characteristic of the fascination of the FALLER Car System. As if driven by a ghost hand, the cars and trucks drive along and stop at red lights and railway crossings. Of course, it is no secret how it works! We simply need to take a closer look at the vehicle:

- 1 **Powerfull bell-type armature motor** with up to 800 charging cycles and more than 2,000 continuous-duty hours
- 2 **ON/OFF slide switch** for starting and stopping the vehicle
- 3 Extra powerful permanent magnet mounted on the three-pointbearing front axle for exact track holding even in sharp bends
- 4 Exhausted storage batteries can be revived through the **charging socket**
- 5 Rear-axle drive units (shaft, worm gear and drive worm)
- 6 The vehicles can be stopped via a **reed contact** at stops (such as bus stops, traffic lights, level crossings)



CAR SYSTEM

Motor

with worm

Motor holder

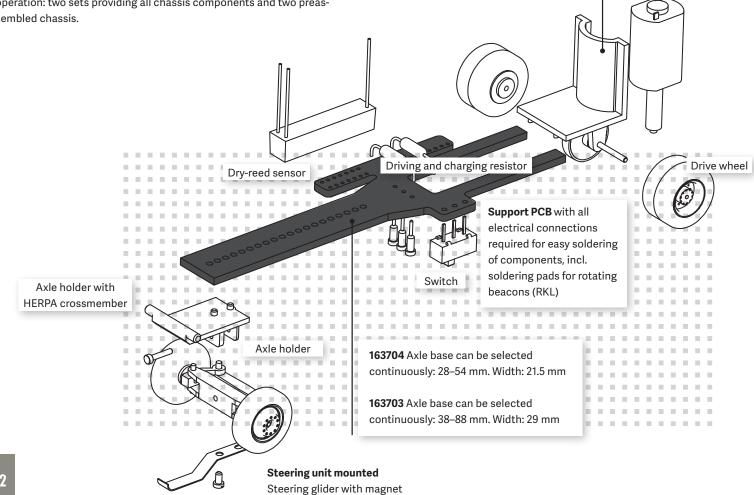
drive shaft

with worm wheel and

BUILD YOUR OWN CAR

Integrate stationary models of your choice very easily in the Car System world.

Four different products are available to carry out the motorization of stationary models of vehicles and make them fit for Car System operation: two sets providing all chassis components and two preassembled chassis.



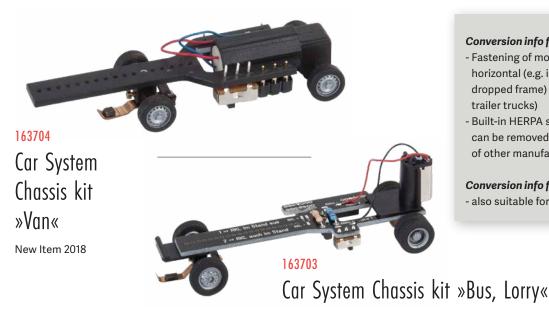
Chassis kits

Both chassis kits contain all the components required to build a fully functioning Car System H0 chassis, with the exception of the rechargeable batteries:

- Support PCB
- Motor with worm
- Motor holder with worm wheel and drive axle
- Drive wheels
- Front axle with wheels
- Steering glider with magnet
- Front axle holder
- Switch
- Charging socket
- Dry-reed sensor
- Resistors adjusting charging current and vehicle speed



E H0



Conversion info for bus and lorry models:

- Fastening of motor and gear unit at choice horizontal (e.g. in buses and trucks with dropped frame) or vertical (e.g. in semitrailer trucks)
- Built-in HERPA standard crossmember can be removed when using any bodywork of other manufacturers

Conversion info for van models:

- also suitable for TT models

Conversion chassis

Both preassembled conversion chassis allow to make your HERPA dream model of any lorry fit for Car System operation. One of these preassembled conversion chassis is suitable for two-axle lorry stationary models, the other for ten-wheeler truck stationary models. You choose your own bodywork and driver cab.





161471 Car System Conversion chassis »Three-axle truck« New Item 2018

Infos on bodywork type:

- Trunks and tarpaulins 7.15 m long in the original can be plugged directly
- Trunks and tarpaulins 6.8 m long in the original: intermediate plate of conversion chassis can be shortened
- Trunks and tarpaulins 7.45 m long in the original: corresponding projecting length at the rear
- Platform bodywork: fastening according to the cutout of the platform

Infos on driver cab:

- All cabs from HERPA cab-over-engine trucks can be used, except Renault models
- Clearance for front wheels by clipping the bottom part of the cab (mud guard, access) - Fastening of the cab by means of bumper

and HERPA standard crossmember

413

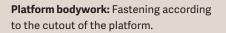


161470 Car System Conversion chassis »Two-axle truck«

Conversion instructions



Assembly of trunk or tarpauling, differs depending on the length of the stationary models: Trunks and tarpaulins 7.15 m long in the original can be plugged directly.





Trunks and tarpaulins 6.8 m long in the original: Intermediate plate of conversion chassis can be shortened. In the first picture this is approx. the rear length of the black intermediate plate, which is longer than the green PCB.



Trunks and tarpaulins 7.45 m long in the original: After mounting, the trunk or tarpaulin features a corresponding projecting length at the rear. Visible only when you examine the vehicle's underside.





The assembly of the driver cab is identical on all stationary models: Remove the separator on the frame of the driver cab bottom: on the small bearing frame of the cab bottom the small separator has to be removed using nippers.



And A

All cabs from HERPA cab-over-engine trucks can be used, except Renault models, though.





Fix the frame of the driver cab bottom: the frame of the driver cab is fixed on the conversion chassis with instant adhesive Expert Rapid, Art. 170500. For neat pinpoint application of the adhesive we recommend to use a fine dosing needle suitable for instant adhesive.



Clip the bottom part of the cab (mud guard, access): on the inside of the mudguard, using a sharp knife, cut out adequate recesses to give the front wheels some clearance when steering.



Place the driver cab: finally plug the driver cab onto its bearing frame and fasten it by means of bumper and HERPA standard crossmember.

Completely modified vehicle model: Conversion time approx. 5 – 10 minutes.

CAR SYSTEM VEHICLES

Your model layout is full of little stories that can fascinatingly come to life using road traffic in motion. Whether town, country or industry, you will certainly find in FALLER's Car System product range your dream model for the thematic world of your choice.



161484 SUV MB »G Class« (HERPA) • **Epoch IV** • New Item 2018



161543

WW Tougreg »Police« with flashing light (WIKING) • Epoch V



161559 VW Touareg »Emergency doctor« with flashing light (WIKING) • Epoch V



161587 Ford Transit (BREKINA) - Epoch IV



161582 VW T5 Bus (WIKING) - Epoch V



161583 VW T5 Transporte (WIKING) - Epoch V



161586 VW T5 Bus »ADAC« (Wiking) = Epoch V



161563 VW T5 »Fire brigade« with flashing light (WIKING) - Epoch V



161617 Setra S 6 (BREKINA) - Epoch III



161632 MB T2 Vario »Police« (HERPA) - Epoch V



161599 MAN TGS TLF »Fire brigade« with flashing light (HERPA) • **Epoch VI**



161556 MB Citaro »City Bus« (RIETZE) - Epoch VI



161496 MAN Lions Coach Bus »MeinFernbus« (RIETZE) - Epoch VI



161588 MF Tractor with trailer (WIKING) • Epoch V



161536 MF Tractor with wood chips trailer (WIKING) - Epoch V



161482 Lorry MAN TGA »Street sweeper« (HERPA) - Epoch V - New Item 2018



161606 MAN 635 »Refuse lorry« (BREKINA) - Epoch III



161610 MB Sprinter »bofrost*« (HERPA) - Epoch VI



161566 MAN 635 »Coal Merchant« (BREKINA) - Epoch III



161554

Truck MAN TGS »Repair Shop Service Truck« (Herpa/Rietze) - Epoch VI



161480 Lorry MB SK'94 »Building site container« (HERPA)- **Epoch V** - New Item 2018



161481 Lorry MB Actros LH'96 »Roll-off container« (HERPA) - **Epoch V** - New Item 2018



161483 Lorry MB Actros LH'96 »Chemical transporter Bertschi« (HERPA) - **Epoch V** - New Item 2018



161597 Lorry Scania R 13 HL »Platform with wooden crate« (HERPA) - **Epoch VI**



161598 Lorry Scania R 13 TL »Sea container« (HERPA) - Epoch VI



161634

Scania R 13 »Short stock truck«



161595 Lorry Scania R 13 HL »Koch« (HERPA) - Epoch VI



161555

Truck MB Atego »Dachser Refrigerated Box« (HERPA) - Epoch VI



161560 Lorry MB Atego »Hertz« (HERPA) - Epoch V



161561 Lorry MB Atego »Sixt« (Herpa) - Epoch V



161584 Lorry MB SK »Emons« (HERPA) - Epoch V



161592 Lorry MB Atego 04 »FedEx« (HERPA) - Epoch V



161690 (H0, N) Storage battery charger (230 V) Suitable for charging all accumulators built into Car System vehicles.



Processor-controlled charging unit

The microprocessor controlled charging stations reliably charges all analog or digital Car System vehicles equipped with Li-ion or NiMH batteries. With the countless possibilities that FALLER Car System has to offer it is best to select one of the numerous starting sets to begin with. There are a number of starting sets available for a quick start into the Car System world, which differ almost only by the vehicle.

Each of these starting sets contains everything you need to get the FALLER Car System running on your layout. Simply select the start set with your favourite vehicle and you can get started! First steps could not be easier.



161498

Car System Start-Set MB 0317k Bus »Jägermeister«

- Package contents:
- Bus MB O317k (BREKINA)
- Storage battery charger
- Special guide wire 10 m
- Roadway knifing filler
- Roadway paint
- Roadway markings
- Crash barriers
- Barrier stakes
- Detailed assembly instructions
- Epoch III



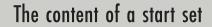
161499

Car System Start-Set »Night-Bus«

Package contents:

- Nightbus MB O 405 (WIKING)
- Storage battery charger
- Special guide wire 10 m
- Roadway knifing filler
- Roadway paint
- Roadway markings
- Crash barriers
- Barrier stakes
- Detailed assembly instructions

Epoch V















419

Storage battery charger/batteries

10 m Special contact wire

Street filler

Roadway paint



161504

Car System Start-Set »MB Sprinter«

Package contents:

- MB Sprinter (HERPA)
- Storage battery charger
- Special guide wire 10 m
- Roadway knifing filler
- Roadway paint
- Roadway markings
- Crash barriers, Barrier stakes
- Detailed assembly instructions

Epoch V



161505

Car System Start-Set »Truck MAN«

Package contents:

- Truck MAN (HERPA)
- Storage battery charger
- 10 m special contact wire
- Road knifing filler
- Roadway paint
- Street markings
- Guard rails, Boundary posts
- Detailed assembly instructions
- Country-specific decoration curve

Epoch V



161607 Car System Start-Set »DHL lorry«

Package contents:

- Lorry MAN F2000 evo
- Storage battery charger
- Special guide wire 10 m
- Roadway knifing filler
- Roadway paint
- Roadway markings
- Crash barriers, Barrier stakes
- Detailed assembly instructions

Epoch V



Just do it with two start sets

A start set contains, except the road to be built, all components you need for Car System operation. The various start sets differ only by the model of Car System vehicle contained in the kit. When combining with the Laser-Street Basic-Set »Street elements«, art. 161900 you get the quickest possible start with Car System.

421

MOBILE ON TRACK N

Roads are also coming alive for fans of the N track. Kept on track magnetically and energised by a rechargeable battery, the Car System vehicles drive across the model landscape on their own.

Already a miracle of precision in H0, the components and functional elements are even smaller, more compact and more sensitive here.





162006 MB 0404 Tour Bus (RIETZE) • Epoch IV



LKW MB SK (WIKING) • Epoch III

162052 Lorry MB SK »Platform/Tarpaulin« (WIKING) • Epoch V • New Item 2018





CONTROL



161651 (HO, N) Traffic-Control

The new Traffic Control! Modified and improved. Nearly every traffic situation can be simulated. Whether you want to plan a bus stop, diagonal parking lot, work zone, right-hand or left-hand traffic. The vehicle will stop by itself. Along with 8 inputs and 8 outputs, a total of 15 control programs can be selected via microswitches. Rotary control knobs allow to adjust different periods of time. Comprehensive instructions for use with plenty of examples of connections and control sequences are supplied. 16 V alternating voltage; an ideal complement is transformer art. 180641!

COMPONENTS



161675 (HO, N) Stop section

The accumulator voltage is interrupted via a reed switch in the vehicle by means of the magnetic field of the electric coil. Connection: 22 V, DC voltage, 160 mA.



Whenever it is activated the magnetism of the branch-off junction steers a vehicle onto a second turning-off guide wire. This occurs via the magnet fastened to the steering slider built into the vehicles.



161674 (HO, N)

Parking space

Parking space for the permanent stopping of vehicles in car parks. The vehicle is reactivated by means of the magnetic field of the electric coil. Connection: 16 V, AC voltage. Current draw 330 mA.



161773 (HO, N)

3 Sensors

Sensors are designed for the control of stop points, branch-off junctions, etc. They are activated by additional magnets fitted to the bottom of vehicles. Connection to Traffic-Control (art. 161651). Max. switching power 5 W • Max. switched current 200 mA

161622 (HO, N)

Car System Basic set »Components«

The extremely economical beginner's package with the major functional elements allowing to build Car System installations. Package contains:

1 Traffic-Control (art. 161651), 3 Sensors (art. 1 × 161773),

2 Stop sections (art. 161675), 1 Branch-off junction (art. 161677), 2 additional magnets

To the traffic control unit can be connected the functional elements branch-off junction, stop point, electrical parking place, bus and petrol station stop, and distance control, all these elements being designed to regulate traffic flow. The control sensors allow to trigger various procedures of the functional elements. The electric branch-off junction is to be used to have vehicles turn off in the specified direction, the stop point being required to have the vehicles halt and drive again in diverse traffic situations.



161659 (HO, N)

Relay module

Interacting with scenarios on the spot. Module composed of 2 relays (12 V DC) on small PCB that allows to trigger various actions on the model layout by plugging some wire straps (also called jumpers).

- Connected to the »Traffic-Control«, Art. 161651 or the »Extension module«, Art. 161352 the module can switch on and off e.g. a smoke generator, Art. 180690 or a modeller's synchronous motor, Art. 180629 (alternating current).
- Connected to an »Extension module« one of the outputs can actuate a motor in forward motion, while the other output will actuate the motor in reverse motion, by plugging the wire straps accordingly.
- It is also possible for the module to link various digital systems potential-free: one of the systems switches the relay on and that signal will be processed in another system.
- By plugging the wire straps accordingly, two signals can be generated out of one signal: since a normally closed contact and a normally open contact of the relay are used, either one contact or the other will be closed depending on whether the relay has pulled



up or is open. By suitably connecting the relay module it is also possible to reverse a signal.

- By connecting the relay module in series, it is possible to switch higher current values or even other voltages (e.g. an alternating voltage) on modules the outputs of which are too weak for the required current.

Further possible uses are described in the instruction manual supplied.

New Item 2018





161667 (HO, N) Car System Bus stop set

Advantageous combination. The set contains all parts required to build a personalized functioning lane width neutral bus stop. Along with a control unit suitable for a bus stop (16 V alternating current) there are 1 Stop section, 1 Branch-off junction, 2 Sensors, 1 additional magnet (H0/N), 5 m of Special contact wire, 1 mounting template (H0/N) as well as detailed instructions within the set.



161905

Car System Bus stop set incl. Laser-Street

Roads and control technique in the advantageous set. This set allows to build a 2-lane H0 oval using Laser Street elements inclusive of a functioning bus stop. Along with a control unit suitable for a bus stop (16 V alternating current) there are the required Laser Street elements (H0), 1 Stop section, 1 Branch-off junction, 2 Sensors, 1 additional magnet (H0), 5 m of Special contact wire as well as detailed instructions within the set. 190847

PRO TIPS »**CAR SYSTEM**« PLANNING, DESIGN, TECHNIQUE

You will find the Internet version of »Pro Tips Car System« with convenient search function and all wiring diagrams to download as PDF files on www.faller.de/de/Profitipps Car System

The indispensable reference and learning book for fascinating miniature road traffic.

The comprehensive manual »Pro Tips Car System« contains all fundamentals as well as detailed expert know-how relating to the topics Vehicles, Road building and Traffic control. Learn step by step the essential working techniques leading to the successful operation of Car System, and immediately implement your own ideas and projects.

German edition.

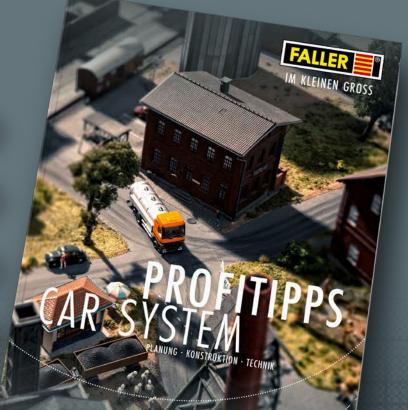
All information on Car System in one volume

Comprehensive descriptions and illustrations

Connection diagrams for plenty of traffic scenarios

Professional road building for Car System and Car System Digital

For newcomers and advanced modellers



LIGHT SIGNALS



161654 (HO, N)

Traffic Light Control

This Traffic Light Control allows you to pilot every kind of traffic light installed on Car System layouts. Power supply through FALLER Transformer (art. 180641). With detailed instructions for use. Functions:

- up to 4 traffic lights can be connected (12 LEDs)
- the length of time of the different lights can partly be programmed at will
- up to 16 different LEDs (of 20 mA each) can be connected without having to use a surge protector
 - running lights possible with up to 8 lamps

Play of light

Traffic lights are now part of every installation. But their cycle time has to be correct. This control unit allows to regulate complex crossroads. On doing so the Traffic Light Control ensures the right light is switched on. All signal patterns required can be represented at the traffic lights. The unit will meet the most varied requirements.



161841 162061 2 LED Traffic lights

Two traffic lights with LED signals in the colours green, yellow and red. Equally suitable for Car System and Car System Digital. By connecting them to the control unit »Traffic Light Control« art. 161654 they help represent the international signal sequence with three states (green/yellow/red). By connecting them to an »Extension module« art. 161352 they help represent the international signal sequences with three states (green/yellow/red), four states (green/yellow/red/yellow-red) or five states (green/ green blinking/yellow/red/red-yellow).





161840 1620602 LED Traffic lights with electronics

Two traffic lights with LED signals in the colours green, yellow and red with a control box. Equally suitable for Car System, Car System Digital or independent operation. The most current international signal sequences can be triggered via the inputs of the box: one regulator each for country setting and duration.

Possible signal lights: -green/yellow/red

-green/yellow/red/red-yellow

-green/green blinking/yellow/red/red-yellow.



≡H0 **–** N



161830 2 LED Warning lights

Two warning lights with three yellow LEDs each. By connecting them to the control unit »Traffic Light Control« art. 161654 they help build a 6-lamp running light or two 3 lamp running lights. Permanent lighting possible by supplying a fixed voltage.

USEFUL HELPERS



180641

Transformer

Transformer for high output. Especially applicable for the operation of fair rides, electrical appliances, lighting, power supply for Car System controls and other model making accessories. With overload protection.

16 V, AC voltage 3.15 A 12 V, DC voltage 0.6 A (controlled) 5 V, DC voltage 0.6 A (controlled) 147 × 84 × 64 mm



180633 (HO, N)

Rectifier

Rectifier to transform 16 V alternating current into direct current. Especially applicable for LED lighting in order to avoid a slight flickering of the small bulbs (art. 180647, 180648, 180649 as well as the lights 180630 + 180633).



161351 (HO, N) PC-standard module

The standard module (PC-interface) allows controlling the Car System via a PC. With the assistance of the software, actions can be controlled, the modules configured and activated accordingly. Also ideal for upgrading an existing system and its controller. The basic unit is delivered with a version specifically adapted to the Car System of Win-Digipet (Demo Version).

11 inlets for sensors, 12 outlets for functional elements.



161352 (HO, N) Expansion module

The expansion module is connected to the basic module (interface) per LocoNet, to have more inputs and outputs for stop sections, branch-off junctions, traffic lights, lighting, sensors and parking spaces for more complex model layouts. Several expansion modules can be connected in series. 11 inputs for sensors, 12 outputs for operational elements.

CROSSINGS

120243

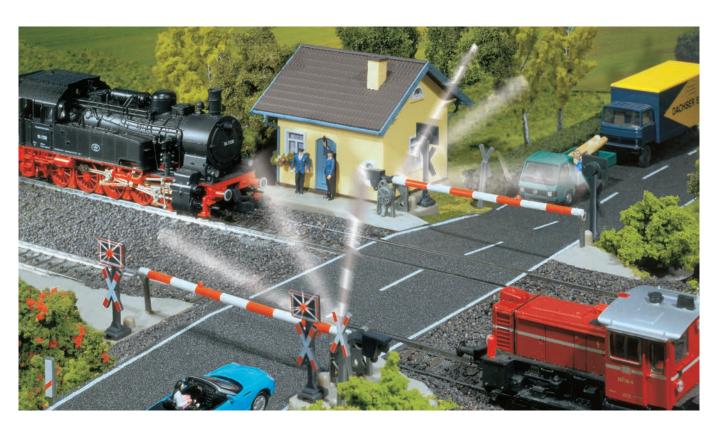
Unprotected level crossing

Set intended for the design of the area between the tracks. Covering flush with the road using a plank, a concrete filler block or a rhomboid metal insert, all supplied. Suitable for all kinds of H0 tracks (also C-M-K) and Car System.





Epoch III • 113 × 14 mm (3 x)



Gated railway crossing

This microprocessor-controlled level-crossing is equipped with 4 flashing St. Andrews crosses, 2 gates over the entire width of the road and a gatekeeper's lodge. Function is triggered through a sensor, digital input is also possible. Suitable for all types of track and several juxtaposed tracks. Can also be used in the Car System for right-hand and left-hand traffic, on one or two lanes. Stopping places have to be bought separately. 12-16 V AC/DC.



Epoch III • incl. motor • Railway lodge: 72 × 65 × 59 mm • Level crossing: 310 × 210 × 44 mm • Depth: 34 mm



Gated railway crossing

Microprocessor-controlled level-crossing equipped with 4 flashing St. Andrews crosses, 2 gates over the entire width of the road and a gatekeeper's lodge. Function triggered through a sensor, digital input also possible. Suitable for all types of track. Can also be used in the Car System for right-hand and left-hand traffic, on two lanes. Stopping places (art. 161675) have to be bought in addition. 12-16 V AC/DC voltage.

Epoch III • incl. motor • Level crossing: $210 \times 190 \times 90$ mm • $64 \times 54 \times 44$ mm



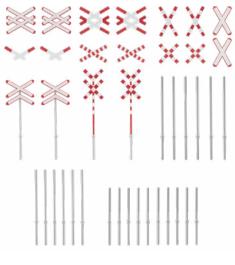


120244

Railway gate with drive parts

Modern level crossing with printed gates, warning lightings and St. Andrews crosses. Includes the driving parts allowing to retrofit the kit with two servos. Suitable for FALLER Car System!

Epoch V • Movable model • Single-track: 295 × 210 × 43 mm • Double-track: 371 × 210 × 43 mm



180949

International St. Andrews crosses

Assortment of printed international St. Andrews crosses from Germany (Period III), Austria, Switzerland, Italy, France and Belgium. **Epoch III**



MAKING ROADWAY DESIGN A CERTAIN SUCCESS

Roads are every city's nerve cords just as a design will only truly come alive with animated streets. The right basic knowledge and the extensive FALLER accessories make roadway designs a breeze. There are different techniques and accessories depending on what you wish to accomplish.

FALLER Laser-Street

FALLER Laser-Street features prefabricated street elements which simply connect together and already have a groove for the contact wire. Custom roadway routeings and integrating curves, passing points, branches, bridges and slip roads can also be implemented just as easily. Roadways are particularly simple and accurate to design with FALLER Laser-Street, without foregoing the familiar variety in the design.

Customisation

The groove cutter also allows roadway designs to be customised to your ideas. We merely recommend a minimal curve radius of 150 mm to ensure a smooth flow of oncoming traffic for all Car System vehicles. The unmatched routeing allows you to include unique design features in detail. See **page 435** for additional customisations.

Galleries

Our galleries will guide you without a lot of words, illustrating key process steps. You will then know how roadways are installed and how to plan the installation of various components. FALLER Laser-Street roadway elements can be used temporarily or as a complete roadway system. »Finishing and decorating« will provide you with everything you need to know about decorating your new roadway.

Materials

We recommend using rigid foam sheets and a wooden frame for creating model designs. Your design will be lighter and easier to work with. For streets we recommend using 3 mm thick three-layered poplar plywood, which is also what we use for FALLER Laser-Street elements.

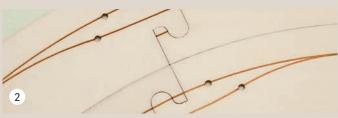


Laser-Street – Streets in quick build



Street layout:

First, the street layout is arranged by simply placing the roadway segments where desired. This is child's play, with the help of the connecting segments. All roadway segments have a laser-cut groove in which the contact wire is later placed. Important: Glue the subsurface of the segments!



Bends:

Just like in real traffic vehicles swing out. This means that the guide wire is directed towards the exterior whenever the course of the road features a bend. Bend segments can be used on both sides, so that the same segment allows to build left-hand and right-hand turns.



Variable circuit layout:

Variants in the course of the road are very easy to design using the element of flexible roadway. That part is of a most versatile use and allows a suitable circuit layout in extremely reduced space. Without much effort, you have brought your personal touch in the roadway.



Mounting aids:

All roadway segments have been prepared to allow building-in functional elements. Whether it be a branch-off junction (art. 161677), a stop point (art. 161675), a parking place (art. 161674) or a sensor (art. 161773). For each possible element we have provided a mounting aid.



Combined method:

Whoever wants to individualize it even more, will be able to design their own roadway sections using 3 mm thick plywood. Simply separate the connection points of the roadway elements and modify them to obtain the required length. Then integrate the 3 mm thick plywood.



Drilled holes:

For the branch-off junction the opening and the shoulder have been cut already for the course of the guide wire, so that the junction merely has to be inserted and fixed. At all appropriate points in the course of the guide wire, holes have been drilled, in which sensors can be inserted.



Applying filler:

To obtain a smooth roadway and eliminate any further inequalities, seal the surface using some knifing filler (art. 180500).



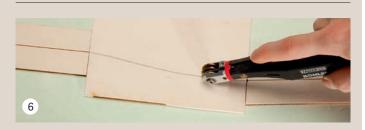
Road coating:

Whoever wants to obtain a very smooth surface, will be able to eliminate small inequalities using fine emery paper after the knifing filler has set. The important point is that the guide wire must still show through everywhere. Now, you can finish the work using roadway paint (art. 180506).



Transitions of terrain:

Roadway segments consist of 3 mm thick three-layer plywood and are easy to bend, yet they are still very sturdy. Small rigid-foamed blocks rapidly allow you to build in differences of level into the road and to design transitions in the relief accordingly.



Groove cutter:

Then draw the desired course for the lane and cut the groove intended for the guide wire using the groove cutter (art. 161669). It could hardly be easier and quicker to implement one's own ideas. You have every possibility to build individually, while simultaneously exploiting the advantages offered by the roadway elements.



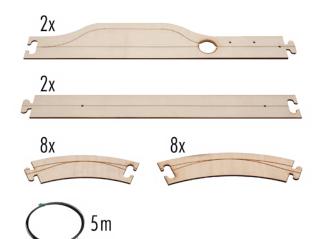
Mounting:

The various mounting aids allow you a bus stop within a few minutes, for instance. Moreover, these parts allow you to understand the general building system ruling the structure of functional articles, which considerably simplifies the implementation of your own ideas.



Decoration:

Depending on your own ideas, you may want to decorate the road with roadway markings, marker posts, crash barriers, traffic signs and traffic boards. It is not necessary to conceal the road verge in a complicated way. Usually applying some knifing filler or shaping it with scatter material will do. It's a very simple way to obtain an appropriate road verge.







Laser-Street Basic-Set »Street elements«

With these parts which are easily to processed by interlinking street parts that already contain the groove for the guide wire, different single and double lane streets can be built. Guide wire included.

Lasercut

161900

The content corresponds to 2 \times 161920, 2 \times 161921 and 2 \times 161930. Length of route: 4750 mm

162100

The content corresponds to 2 \times 162120, 2 \times 162121 and 2 \times 162130. Length of route: 3300 mm

HO N



161940 Laser Street »Forks and junctions 45° « Lasercut = 212,5 × 102,5 mm (2 x)



Laser Street »T Junction« Lasercut • 425 × 312,5 mm



161945 Laser street »Terminal loop« Lasercut • 411 × 320 mm



161942 Laser street »Basic car park« Lasercut • 873 × 320 mm



161943 Laser street »Car park expansion« Lasercut • 411 × 320 mm



161910 162110 **Laser-Street street straight** Lasercut • 425 × 50 mm (2 x) (H0) • 300 × 30 mm (2 x) (N)



161911 162111 **Laser-Street street straight** Lasercut • 212,5 × 50 mm (4 x) (H0) • 150 × 30 mm (4 x) (N)



161920 162120 **Laser-Street street curve 45°** Lasercut • R = 268 × 50 mm (4 x) (H0) • R = 150 × 30 mm (4 x) (N)



161930 162130 Laser-Street »Bus stop set« Lasercut • 425 × 83 mm, 425 × 50 mm (H0) • 300 × 50 mm, 300 × 30 mm (N)



161931 162131 Laser-Street flexible street Lasercut • 250 × 50 mm (2 x) (H0) • 150 × 30 mm (2 x) (N)



161921 162121 **Laser-Street street curve 45°** Lasercut • R = 218 × 50 mm (4 x) (H0) • R = 120 × 30 mm (4 x) (N)

Custom roadway design

To integrate FALLER Car System into your existing design the so-called sunken method may be right for you. Use the Groove Cutter (art. 161669) to customise the routeing of the contact wire and adapt the flow of traffic to local factors.

Preparation

Our recommendation: Use rigid foam sheets with a wooden frame for the base frame and use 3 mm thick poplar plywood for streets and other constructions. This is the maximum distance a stopping section coil may be from the top of the roadway. All functional elements can now be installed directly below the roadway. This will also reduce the overall weight of your design.

Make the surface of the roadway as smooth as possible and consider the turning radius of the vehicle to be used in the width. Longer vehicles require a wider road, especially for curves, than cars. The minimum curve radius should therefore not be less than 150 mm.

Please refer to the following chart for minimum roadway widths:

Single lane roadway width

	HO	Ν
Straight areas	50 mm	30 mm
Curves	70 mm	45 mm

Upward and downward hills

When constructing upward or downward hills or crests it's important to round the roadway at the respective transitions for vehicle control. Upward hills should not be steeper than 12 % (120 mm over 1000 mm roadway).

Once you know how the roadways should be routed you can start.



Planning:

Mark the roadway by outlining it on the plywood and perform a test run to ensure the roadway is uniform. To do so lay out the wire, affix it with an adhesive strip and test the route with a vehicle.



Cutting:

The Groove Cutter (art. 161669) is ideal for installing the special contact wire. This small machine features a slitting cutter which is guided along the marked path. Cutting the right groove height and width allows for optimal contact wire installation.



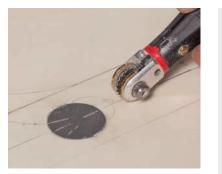
Installing contact wire:

Press the contact wire into the groove with a flat head screwdriver or joiner, ensuring it is correctly seated in the groove.

Precision with FALLER special contact wire

Use only FALLER special contact wire (art. 161670) to build roadways, as using magnetic tape or soft iron wire may result in unwanted functional problems. To ensure traffic flows smoothly without incidents neither the individual magnetic fields of vehicles or functional elements nor the overall magnetic field of your model set should be impaired. Using the FALLER special contact wire will prevent potential malfunction sources in traffic caused by weaker, stronger or permanent local magnetic fields. ≡H0 = N





The right scale

The ideal tool for the individual street layout. The machine is equipped with a slotting cutter. The adjustment slider on both sides of the cutter guarantees the best possible result. In this way, it is possible to cut the exact depth the contact wire requires into the roadway. It doesn't get better and more precise than this. The groove cutter can be run straight off our transformer (art. 180641)!

Groove cutter

This groove cutter was developed and made especially for laying the contact wire in the FALLER Car System. Detailed instructions enclosed. Connection: 12 V, DC voltage. Adapter cable and comprehensive instructions are included.



161670 (но, N) Special contact wire

10 m. Diameter and alloy adapted for use with steering magnet.



Roadway and terrain knifing filler, white

Used for road and terrain construction. Selfadhesive modelling material to be handled with no problem. This material is suitable for road construction in the FALLER Car System.

Content: 500 g



Roadway and terrain knifing filler, grey

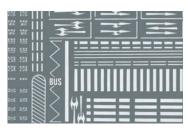
Terrain construction dark-grey, self-adhesive modelling material. It is particularly suitable for terrain and rock modelling and for road construction in the FALLER Car System.

Content: 500 g





Roadway paint for creating realistic roads. Particularly suited for road construction with the FALLER Car System. Also suitable for adding colour when creating rocks or to conceal flaws in rigid foam sections.



180536 272451 (N) Street markings Self-adhesive rub-on street mark-

ings of all the necessary roadway marking symbols.

Epoch IV (H0) - Epoch III (N)



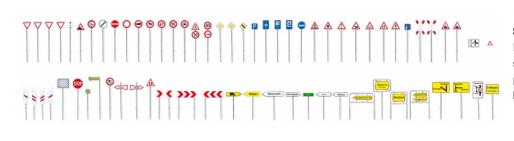
180931 32 Marker posts Epoch III

272910

20 Marker posts Epoch III

180506

180507



Set of traffic signs

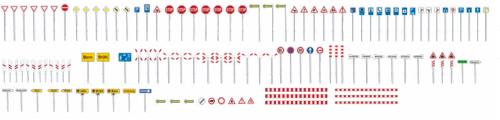
Period V set of town signs and traffic signs with digital printing along with posts and St. Andrews crosses. **Epoch V**



180534

Set of traffic signs

Period III set with digitally printed town signs and other traffic signs with posts as well as St. Andrews crosses. **Epoch III**



272449

Set of traffic signs

Set of 120 town signs and traffic signs with digital printing along with posts and St. Andrews crosses. **Epoch IV**



272450

Set of traffic signs Europe international (1977 – 1985) Contents: rub-on sheet, rub-on stylus, moulded traffic signs. Epoch IV



180535

Crash barriers, 32 Marker posts Crash barriers and marker posts for making the roadway safer. Total length: 1600 mm **Epoch III**



272452

Crash barriers, 40 Marker posts Crash barriers and marker posts for making the roadway safer. Total length: 860 mm **Epoch III**



180538

Streetlamp set 26 street light dummies in 6 different designs. Do not light up. Epoch IV



180537 Set of sidewalk tiles Tile Size: 160 × 113 mm (2x) Kerbstones: 3420 mm Epoch III



272540 Set of sidewalk tiles Tile dimensions: each 60 × 87 mm Kerbstones: 1660 mm Epoch III

SPARE PARTS

Car System vehicles consist of various wear and tear parts that need to be replaced after a certain amount of usage like tires. Batteries also can only be recharged a limited number of times.

If you like working on your Car System vehicles yourself just follow your feeling for quality. Order your wear and tear parts or spare parts directly from FALLER. We offer the matching parts for nearly every Car System vehicle. Just browse our completely revised parts programme and you will find everything from steering parts or tires for different vehicle types to Reed switches or different motors. Please visit our website > <u>www.faller.de</u> for the full range of Car System spare parts including pictures and brief descriptions.

Front axles



Front axlesprinters (with wheels)

163001 completely assembled for sprinters (with wheels) 163002 completely assembled for lorries / buses (with wheels) 163003 completely assembled for lorries / buses (with NQ wheels) 163004 completely assembled for passenger cars (with wheels) 163007 completely assembled for Ford Transit (with wheels) 163008 completely assembled for delivery trucks (with wheels) 163009 completely assembled for N buses (with wheels) 163010 completely assembled for N lorries (with wheels) 163011 completely assembled for classic lorries (with wheels) 163012 completely assembled for lorries 7.5 t. (with wheels) 163013 completely assembled for tractors (with wheels) 163014 completely assembled for TT bus (with wheels) 163015 completely assembled for bus (with wheels) 163016 completely assembled for Bus MB Citaro 163017 completely assembled for Bus MB MAN 163051 assembled for lorries without wheels (17 mm) 163052 assembled for passenger car sprinters, without wheels (12 mm) 163053 assembled for passenger cars slim, without wheels (9 mm) 163054 assembled for N without wheels (8 mm)

Please note:

- We cannot guarantee spare part supply for vintage cars among Car System vehicles if the needed spare part is not in stock or impossible to procure.
- Using the previous article numbers, you will get spare parts while stocks last.



2 wheels (twin tyres)

- 163101 tyres and lorry rims
- 163102 tyres and classic lorry rims
- 163103 NQ tyres and rims for lorries / various buses
- 163104 tyres and rims for electric bus163111 tyres and rims for 7.5 t.
- 163112 tyres and rims for fire brigade

2 wheels tyres and rims (Rear axle)

163117 for delivery trucks and bus

4 wheels

163106 (H0, N) with tyres and rims (e.g. N buses/Trabant) 163109 with tyres and rims for Ford Transit

4 tyres and rims

163107 for N lorries
163108 for Sprinter / T5
163110 for N lorries
163113 for passenger cars
163114 for passenger cars large / tourist train

Batteries

438

Rechargeable battery

163251 (H0, N) 400 mAh 163252 120 mAh 163253 250 mAh (double) 163254 250 mAh (double, flat) 163255 150 mAh (double, flat) 163256 (H0, N) 150 mAh 163257 450 mAh (double) 163258 (H0, N) 40 mAh

Steering parts

2 steering parts lorries 163201 for NQ lorries 163202 for lorries 163203 (H0, N) N-gauge vehicles/VW bus 163204 (H0, TT) for TT bus / Mercedes G 163205 for special vehicles 163206 for delivery vans 163207 for tractors



Reed sensors



Reed sensor 163451 glass tube small (GR-31 5-12) 163452 large moulded 163453 glass tube large 163454 (H0, N) long blue (MK06-5-C) 163455 changer, electric bus (MK06-8) 163456 (H0, N) short blue (MK06-4-C)

Motors

Motor

163301 Ø 10 mm, left worm, module 0.3
163302 Ø 10 mm with surface, module 0.3
163303 (H0, N) Ø 7 mm, module 0.3
163304 Ø 10 mm, module 0.3
163305 Ø 7 mm, module 0.16
163306 Ø 6 mm short, module 0.16
163307 Ø 6 mm long, module 0.16
163308 Ø 6 mm long, module 0.16 five-pole
163310 Ø 10 mm short worm, module 0.3



163601 5 charging sockets, unmounted (to inject) 163602 5 charging sockets, moulded

Magnets



163221 2 additional magnets H0 163222 (H0, Π, N) 2 calibration magnets 163223 2 additional magnets N

On and off switch



163401 for lorries 163402 (H0, N) for passenger cars and N vehicles 163403 for electric bus 163404 for circuit board

Example

Worm gears

Worm gear 163551 module 0.3 Z30 163552 module 0.3 Z18 163553 module 0.3 Z20 163554 module 0.16 Z20 163555 module 0.16 Z35

Motors brackets



163501 for ø 10 mm motor, axle 24 mm/module 0.3 Z30 163502 for ø 7 mm motor, axle 24 mm/module 0.3 Z18



WORKSHOPS

We show you how easy it is. In FALLER workshops at our headquarters in Gütenbach our experts will show you the best working techniques as well as all essential tricks and knacks when putting them into practice. Our workshops are equally aimed at beginners and advanced hobbyists. We make of you a mobility expert.

Workshop Car System

You will learn everything on road construction, vehicle technology and the different control components and control modules to design and arrange circuit layouts and traffic scenarios according to road traffic regulations.

Workshop Car System Digital

During that course you will familiarize yourself with all particularities of digital vehicles and their interactions with »Car System Digital« hardware and software. Which are the differences between Car System and Car System Digital? How do ultrasonic locating and radio communication operate? How are control commands given? No question on your part will remain unanswered.

Workshop Car System Digital »Vehicle conversion«

Within two days you will learn in theory and practice all knowledge required to convert a conventional analog Car System model vehicle to Car System digital operation. After such conversion your vehicle will feature a lot of new digital functions.

The number of participants is limited. So you should quickly book a place. More details on **•** <u>www.faller.de</u>



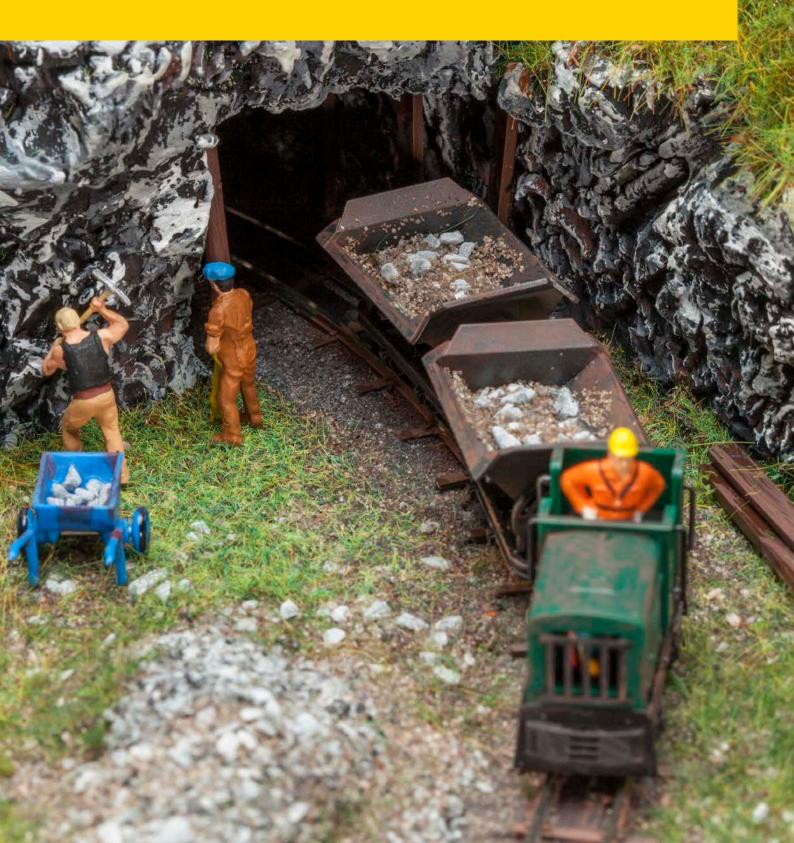




MODEL LAYOUT CONSTRUCTION

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TERRAIN CONSTRUCTION





Aluminium wire mesh

For terrain construction as base carrier material for landscaping work.

1000 × 800 mm



Modelling fiber

FALLER modelling fibre is excellently suitable for the construction of dimensionally stable types of terrain in diorama and railway modelling due to its high quality fabric structure and hard plaster coating. Due to the quick and particularly firm hardening of the ready to immerse material, you achieve self-supporting terrain shells in no time at all, which also ensure accessibility underneath the surface.

Content: 2000 g/4.41 lbs



170663 • 2000 × 100 mm 170664 • 2000 × 200 mm Plaster fabric for terrain construction For mountain and landscaping work.



180765

Cork trackbed

6 flexible cork double strips each 500 mm = 3000 mm track bed. Can be used for all track radiuses. FALLER cork track beds are the ideal base layer for model railroad tracks. They absorb driving noise, have a realistic format, are extremely easy to ballast and are easy to install due to the double strip version.

6 × 500 mm = 3000 mm



222555 Cork trackbeds

4 flexible cork double strips, 500 mm each.

4 × 500 mm = 2000 mm



170654

Roadway and terrain knifing filler, grey

Terrain construction dark-grey, self-adhesive modelling material. It is particularly suitable for terrain and rock modelling and for road construction in the FALLER Car System.

Content: 500 g



180500

Roadway and terrain knifing filler, white

Used for road and terrain construction. Self-adhesive modelling material to be handled with no problem whatsoever. It is suitable for road construction in the FALLER Car System.

Content: 500 g



180503

Putty Compound

Scenic modelling knifing filler, light-weight material for the design of rock structures, transparent. 120 g filler powder for 780 cm³ knifing filler.

Hydrozell is the perfect material to create your terrain and landscapes

Hydrozell is a product to create terrain and landscapes such as mountains, rocks, lake beds and lakesides and the like. Contrary to plaster, which often results in surfaces which are too smooth and not always realistic looking, Hydrozell makes it possible for you to create a more precise, detailed terrain in line with your ideas. For this purpose, use a putty knife, screwdriver, household knife or comparable tools. The material is well suited to concealing tears and gaps or smoothing transitions to different terrain.

The advantage of Hydrozell is the longer period of time it can be re-worked during the design phase, which allows you to be creative without having to rush. Another advantage is that after it dries, it keeps the shape you modelled to a large extent and, compared to other materials, has a perfect balance between break strength and flexibility, as well as being insusceptible to cracking.

Above all, the main advantages include the lightweight nature of the material, given that the more plaster you use, the heavier your layout will be. On the other hand, if terrain and landscape elevations are created using rigid foam boards, the material properties of Hydrozell allow a direct application of such a plastic material.

Paint can also be applied to Hydrozell. If you apply paint later on, please wait until the material has completely hardened (24 hours to several days depending on the thickness of the application).



Colofix-Flex

This new glue allows difficult rigid polystyrene, expanded polystyrene and decorflex plates to bond together without difficulty as well as with rigid foamed structured plasticplates. Remains crystal-clear when drying up, while still being supple, also adheres to smooth surfaces and bonds scatter materials to plastic parts without deforming the latter.

Content: 250 g



Colofix-Color

170660

Brown glue for applying scatter materials.

Content: 250 g

170662

Glue, gravel grey

Ballast-grey. Especially suitable as a compound for making a ballast foundation for railway tracks.

Content: 250 ml



170661

Colofix-Color

Green glue for gluing plant surfaces.

Content: 250 g



180501

Colofix

A white wood cement. Dries transparent. Especially suitable for gluing scenery material.

Content: 250 g

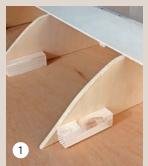


Construction of railways lines

"The tracks make the route!" The clean construction of a railway track is the basis for smooth operation later on. This begins already with the foundation: It should be even and smooth, because every deviation is transferred to the track, its location and the run of the trains.

There are two options for the raw construction of the landscape. For one, the construction with conventional materials, like plywood, plaster, etc., or on the other hand construction with Styrodur panels. The latter have the advantage that they are very easy to work and provide certain weight advantages towards conventional materials.





Rib construction:

The landscaping ribs adapted to the landscape are mounted on the base plate. At the same time, they form the surface for the embankment bed.



Wire mesh:

The aluminium wire mesh is used to form the later landscape. Using a pair of scissors, it is cut into strips and fixed onto the ribs. It can either be nailed, tacked, or glued using a glue gun.



Processing:

Using your fingers, press the plaster cloth onto the wire mesh, and spread the excess plaster. Don't worry! You can wash your hands when you are done!



Cork tracks:

The FALLER cork track bedding consists of two parts and is therefore able to adapt to the course of the tracks. The edges are slanted at an angle of 45°.



Track construction: The model track is pressed into the moist glue, and aligned to position.



Placing the ballast:

After which you spread the desired FALLER railway ballast onto the tracks...



Test drive:

After spreading the gravel, a test drive proves that we did everything right!



Finishing:

Now you can create the forest floor using different landscaping materials from the FALLER-assortment. The landscape looks even more realistic with proper planting with trees and shrubs.



SCATTER MATERIAL TRACK BALLAST



171695

PREMIUM Ballast Natural material, darkgrey

Especially suitable for ballasting Märklin's C track.

Grain size: 0,5 - 1 mm • 650 g



Plaster:

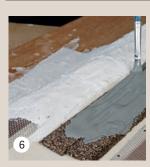
A layer landscaping plaster is applied to the aluminium wire mesh. FALLER offers the plaster cloth in two widths. It is cut into small pieces with a pair of scissors, dipped into water, and applied to the wire mesh.



170721 (H0, TT, N)

Track ballast, stone grey Dust-free, grained granulate in a realistic stone grey colour.

Grain size: 0,8 - 1,3 mm • 150 g



Glue:

A thin layer of FALLER glue is applied to the cork, and spread evenly with a brush.



170722

Track ballast, dark brown Dust-free, grained granulate in a realistic dark brown colour. Graining finer than art. 170721.

Grain size: 0,4 - 0,8 mm • 100 g



Finishing:

...and spread it between the railroad ties and on the bed using a brush. Railroad ties and small iron parts must then be free of stones. Then spray again with strongly diluted Colofix. Let dry. Finished!

170751 (HO, TT, N) Track ballast, stone grey

Dust-free, grained granulate in a realistic colour and graining.

Grain size: 0,8 - 1,3 mm • 650 g



Easier:

Railway embankment construction the fast way: The landscaping shell and the track bedding is made of Styrodur panels cut to size, instead of the conventional method. Next to the weight advantage, the finishing of the landscape is correspondingly easy.





»Warning, freshly gravelled!«

Applying ballast or gravel is even easier with »Schotter-Fix«. It is ready-for-use and consists of ballast and glue powder. Scatter »Schotter-Fix« on the tracks and distribute it properly between the sleepers using a paint brush. Then spray the finished track bed with water, let it dry for a couple of hours – and the whole application process is done in no time!





171699 (но, тт, n) PREMIUM spread »Gravel-Fix«

Natural material, medium grey • Grain size: 0,5 - 1,0 mm • 600 g





SCATTER MATERIAL



170301 New Item 2018 • 650 g 170723 140 g Coal, black Grain size: 1,7-2,4 mm



170302 Ballast, beige Grain size: 0,2–0,6 mm • New Item 2018 • 650 g





170303 Quarrystones, granit Grain size: 3,0-5,0 mm • New Item 2018 • 650 g





170304 River stones, beige Grain size: 2 – 5 mm • New Item 2018 • 650 g





170305 Footpath/Verge Grain size: 0,2 mm • New Item 2018 • 300 g





170720 Ballast, beige Grain size: 1,7–2,4 mm • 140 g



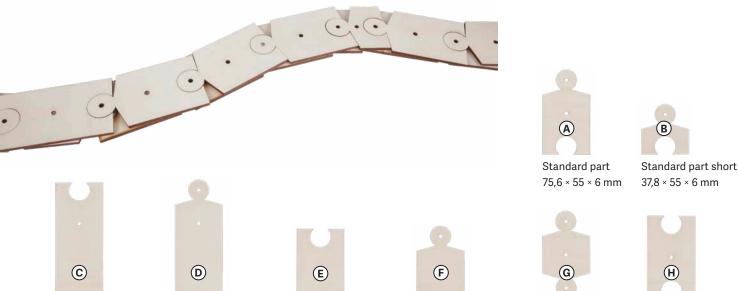
TRACK CONSTRUCTION MADE EASY

Double layer track construction system comprised of prefabricated plug-in elements made of 3 mm thick poplar plywood that are jointed with each other via plastic spigots.

Its construction using plug-in joints allows the track construction system to be expandable at will and to adjust to all track radii usual in model railway.

The track construction system allows to shape ramps at will, not only in slopes and declivities, but also in curves. It is thus possible to design e.g. runs of tracks that wind along a mountain side, viaducts or structures in a particularly easy way by means of small blocks of rigid polystyrene, or to reach the clearance height, e.g. in the case of bridges.

The final glueing over the entire surface gives the track construction system a particularly high stability that will support every railway engine without any difficulty. Width: 55mm



Driveway long, part 1 125 × 55 × 6 mm



125 × 55 × 6 mm

Driveway short, part 1 72 × 55 × 6 mm

Drivewayshort, part 2 72 × 55 × 6 mm

Transition (ww) 75,6 × 55 × 6 mm

Transition (mm) 75,6 × 55 × 6 mm

	A		C	D		F	G	H	Total parts	Overall length
		B		U	E	U	U	9	Total parts	Overall length
171825										
Track construction »Basic set«	80	20	2	2	2	2	2	2	112	3947 mm
171826 Track construction »Ramp set«	40	4	1	1	1	1	-	-	48	1784 mm
171827 Track construction »Loop viaduct Brusio«	56	_	1	1	1	1	_	-	60	2313 mm





PREMIUM Natural water

For true and realistic reproduction of water bodies of all kind. Ease of handling, negligible measuring and mixing. 24-hour curing, without cracking. This is the ideal »water« for model-making.

Content: 470 ml

171662

PREMIUM Water effect

This has a stimulating effect on the styling of water bodies.

Content: 230 ml



Working with cast resin

Water is always a highlight on model installations.Our PREMIUM modelling water was specially developed to shape realistic water surfaces, brooks and rivers on model railway installations or dioramas of any scale. Processing is mere child's play thanks to the dosing aids supplied, right handling yielding beautiful results that are extremely natural in the first place.



Underwater surface:

The ground is pre-formed with a filling composition. Due to the massive depth effect of the model water, the water bed should be kept rather flat.



Underwater world:

The desired water colour is created with various spreading materials of the assortment and toning colours. Imagination has no boundaries.



Witches kitchen:

The two components must be mixed in the correct ratio. By using the pipette and the mixing bowel with scaling, mixing the two components is so easy.



Casting resin:

After thorough mixing of the two components, the casting resin is poured into the prepared water bed. Water depths over 5 mm should be poured in in several layers.



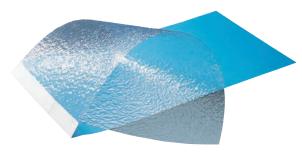
Shallow water zone:

To make the model water also surround the shore area and the plants there, use a paintbrush and carefully spread the mass into the desired areas.



Lawn:

The adjoining areas can be designed using bushes, trees, landscaping segments or spreading materials. The result is something to be proud of!



170791 Lake sheet

Suitable for the styling of rivers, rivulets and lakes as well as small water bodies. Since we shall not have recourse to any liquids that have to be mixed or heated, the use of this product is extremely easy.

530 × 260 mm



170716 (HO, TT, N)

Reeds

20 bundles of natural bristles (39 mm long) for the realistic modelling of reeds for lakeshore and riverbank areas.



171814 (HO, TT) Waterfall

consisting of a hand-coloured rock wall, eroded water gutter and »waterfall«. The rock wall can also be used in a different manner, without the waterfall.

162 × 59 × 200 mm



170715

Reeds

Beige bunch of reeds for the realistic decoration of bank areas on lakes, swamps and water bodies.

New Item 2018 - ca. 80 mm



High grass, Set of 4

High bunch of grass in four different green shades for the realistic decoration of grassland.

New Item 2018 • ca. 80 mm

Realistic water scenes

With the lake foil (item 170791) optimally seperated water structures can be designed. Here is an example of a pond.



First, make a coarse sketch of the contour of the water body you want to set up on your support. On doing so, it does not matter whether you are building onto a wooden supporting structure, a rigid foamed plastic board or any other type of support.



The next step consists in "digging a hole" for the water body. You may want to use a recessing and shaping machine, a cutter or, if you are building on a wooden supporting structure, a piercing saw. As a rule an embankment higher than 10 mm will produce an unreal effect.



Now, the contour can be transferred on the lake sheet.



In the next stage you have to give the embankment a slope. Its angle should be at least 45°. In any case, a lower angle produces a much more natural result.



Now, you can start designing the bottom of the water body. The simplest way is probably to use the colour sheet supplied with the kit. Choose the side with the colour that most appeals to you, and cut the paper to the size of the lake sheet. You can simultaneously cut out the colour sheet and the lake sheet if you have previously fixed both sheets to each other (e.g. using adhesive tape).

Of course, you may alternatively want to style the bottom of the water body yourself. To do this, you may »dig« another 5 mm to obtain some more water depth. However, leave a narrow edge to serve as a bearing area for the lake sheet on the entire contour. Now, you may style the bottom of the water body using colours, tiny stones or even rubbish (bathtub, bike, car tyres, etc.).

Always bear in mind that too deep a water body as well as glaring colours quickly produce an unnatural effect. Only a swimming pool is bright blue!



Now, you may model the embankment or some small islands using FALLER knifing filler (art. 180500) and thus best adjust the transition to the Lake sheet.



Style the bank area according to the environment you want to represent on your diorama or model installation. This can best be done by using brown dyed landscaping glue Colofix-Color (art. 170660). Then scatter the desired materials while the glue is still wet, e.g. FALLER PREMIUM cover material (art. 170728). You may also want to detach some parts from our landscape segments (e.g. art. 180474) and to spread them over the embankment. You will obtain the most appealing result by adding various grass fibres using the grassing tool »Gras-Fix« (art. 180691) in the end, while the glue is still wet.

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The last step consists in working out the small details. By placing some swimmers, animals or similar figures onto the water surface for instance (to do this, swimmers can be halved with a modeller's knife). You will obtain the perfect water surface through the graining technique. To do this, pass over the surface with a nearly dry brush to apply a delicate white colour layer. Make sure you use this technique merely on a few carefully chosen places since graining a surface all over tends in its turn to produce an unnatural effect.

TUNNEL PORTALS



120558

Tunnel portal, single-track

Single-track. Wing walls can be snapped off. With brick panel for tunnel entrance and additional wall parts.

Epoch I • 210 × 107 × 8 mm • Clearance: max. 72 mm • Clearance width: 48 mm



120559

Tunnel portal Single- or double-track. Wing walls can be snapped off. With wall card for tunnel entrance and additional wall pieces.

Epoch I • 298 × 135 × 9 mm • Clearance: max. 100 mm • Clearance width: 48 mm/98 mm



120561 2 Tunnel portals, single-track Single-track, for steam version.

Epoch II \circ 157 \times 85 \times 8 mm \circ Clearance: max. 72 mm \circ Clearance width: 51 mm



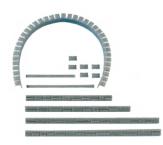
120563 2 Tunnel portals Single-track, catenary version.

Epoch I • 128 × 125 × 7 mm • Clearance: max. 95 mm • Clearance width: 50 mm



120565 2 Tunnel portals Double-track, catenary and steam operation.

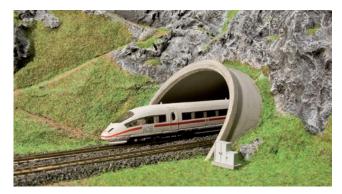
Epoch I • 185 × 133 × 3 mm • Clearance: max. 100 mm • Clearance width: 97 mm



120550

Tunnel facing strips

Plastic parts for the individual construction of tunnel portals, in connection with brick panels.



120562 ICE/Road Tunnel portal

Tunnel portal of modern design. Suitable for two-track railway service, even on catenary operation, or two-track road traffic (Car System). With the element forming the tunnel gallery.

Epoch V •

Clearance: 96 mm/103 mm/121 mm • Clearance width: 95 mm/111 mm/137 mm



272582 ICE/Road Tunnel portal

Tunnel portal of modern design. Suitable for two-track railway service, even on catenary operation, or two-track road traffic (Car System). With the element forming the tunnel gallery.

Epoch V •

Clearance: 55 mm/58 mm/64 mm • Clearance width: 55 mm/62 mm/75 mm



272575

2 Tunnel portals

For steam and catenary operation. Single-track, wing walls can be snapped off.

Epoch I • 126 × 72 × 4 mm • Clearance: max. 43 mm • Clearance width: 24 mm



272576 2 Tunnel portals

For steam and catenary operation, double-track. Wing walls can be snapped off.

Epoch I • 150 × 74 × 5 mm • Clearance: max. 45 mm • Clearance width: 50 mm

A visit is worthwhile

On numerous trade fairs and exhibitions in our country and abroad our team waits for you with fascinating show installations as well as all new items and innovations from the current range of products. Get inspired and enthusiastic about the personal fun at building and modelling! We shall be pleased to meet every one of the small and big visitors.



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272578

2 Tunnel portals

Tunnel Portals for steam and catenary operation. Single-track. Suitable for curved tracks. Wing walls can be snapped off. With brick panel for tunnel entrances.

Epoch I • 129 × 63 × 5 mm • Clearance: max. 44 mm • Clearance width: 55 mm



272579

2 Tunnel portals

Tunnel portals for steam and catenary operation, double-track. Wing walls can be snapped off. With brick panel for tunnel entrances.

Epoch I • 150 × 68 × 5 mm • Clearance: max. 51 mm • Clearance width: 55 mm



272630 Tunnel portal Pros One-track, with corbel stone, for steam and catenary operation.

Epoch I • 130 × 75 × 5 mm • Clearance: 52 mm • Clearance width: 24 mm



272631 Tunnel portal Pros Two-track, with corbel stone, for steam and catenary operation.

Epoch I • 130 × 75 × 5 mm • Clearance: 54 mm • Clearance width: 63 mm

The Decorflex decor sheets

Of professional design

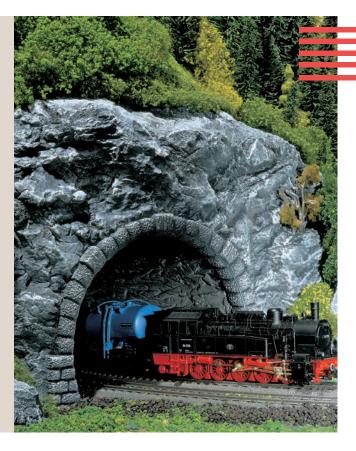
This is an assortment of products made from foamed polystyrene plates with different kinds of subtly embossed surface structures, painted elaborately and realistically.

The decorative sheets are thin, flexible and can be cut easily and precisely with FALLER modeller's knife 170687 or with a pair of scissors. The sheets are sensitive to solvents and therefore cannot be treated with solvent-containing adhesives or paints. For adhesive bonding please use FALLER Colofix adhesive 180501 or water-based emulsion paint for painting.

- even more realistic in their appearance
- ultra-fine structures
- optimal plastic effect
- organic coating

456

Decorflex – easy to work with, with a professional appearance. The right assortment for the professional model-maker.



DECORATIVE SHEETS

Create realistic portals, arcades and other stonework on your model set with foamed FALLER decorative sheets.



170830

Decorative sheet tunnel portal »Natural cut stone« Single-track, for steam and catenary operation.

Epoch I • 170 × 140 × 9 mm • Clearance: 98 mm • Clearance width: 50 mm



170831

Decorative sheet tunnel portal »Natural cut stone« Double-track, for steam and catenary operation.

Epoch I • 230 × 157 × 9 mm • Clearance: 113 mm • Clearance width: 126 mm



170880

Decorative sheet tunnel portal Pros »Natural stone ashlars« One-track, with corbel stone, for steam and catenary operation.

Epoch I • 171 × 134 × 10 mm • Clearance: 97 mm • Clearance width: 51 mm



170881 Decorative sheet tunnel portal Pros »Natural stone ashlars« Two-track, with corbel stone, for steam and catenary operation.

Epoch I • 230 × 162 × 10 mm • Clearance: 114 mm • Clearance width: 125 mm



170886

Decorative sheet Pros tunnel tube »Rock structure«

(Flexible) Decorative sheet for mounting in one-track and twotrack tunnel portals. Portals not included in package.

Epoch I - 370 \times 200 \times 2 mm



170862

Decorative sheet Pros tunnel tube »Rock structure« (Flexible) Decorative sheet for mounting in one-track and two-track tunnel portals. Portals not included in package.

Epoch I • 370 × 200 × 3 mm (2 x)



272636

Decorative sheet Pros tunnel tube »Rock structure« (Flexible) Decorative sheet incl. 2 mounting aids for mounting in one-track and two-track tunnel portals. Portals are not included.

Epoch I • 180 × 125 × 2 mm



282960 **Tunnel tube Pros »Rock structure«** (Flexible) Tunnel tube incl. 2 mounting aids for mounting in one-track and two-track tunnel portals. Portals are not included.

≡ H0



170835

Decorative sheet archway »Natural cut stone« Decorative sheet with closed wall arches.

370 × 125 × 13 mm



170838

Decorative sheet arcades »Natural stone ashlars« Decorative sheet in grey with round arch.

370 × 125 × 12 mm



170839

Decorative sheet arcades »Natural stone ashlars« Decorative sheet in grey with round arch, right slope, three-part.

1112 × 125 mm – 85 × 12 mm



170840

Decorative sheet arcades »Natural stone ashlars« Decorative sheet in grey with round arch, left slope, three-part.

1112 × 125 mm – 85 × 12 mm



170890

Decorative sheet arcades Profi »Natural stone ashlars« Decorative sheet with round arch and corbel stone.

370 × 125 × 13 mm



170899

Decorative sheet retaining wall Pros »Natural stone ashlars« 2 parts, stepped, with cornice stones. To be used as retaining walls or tunnel side walls to art. 170861, 170880, 170881, 170890, 170892, 170896.

290 × 145 × 10 mm (2 x)



170834

Decorative sheet »Wall sill« To be used as cover tiles for arcades and walls.

370 × 125 × 2,5 mm (2 x)



272594 Decorative sheet Archway Decorative sheet with closed wall arches.

370 × 60 × 8 mm



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272600 Decorative sheet Arcades »Natural stone ashlars« Decorative sheet in grey with round arch.

370 × 60 × 8 mm



272640

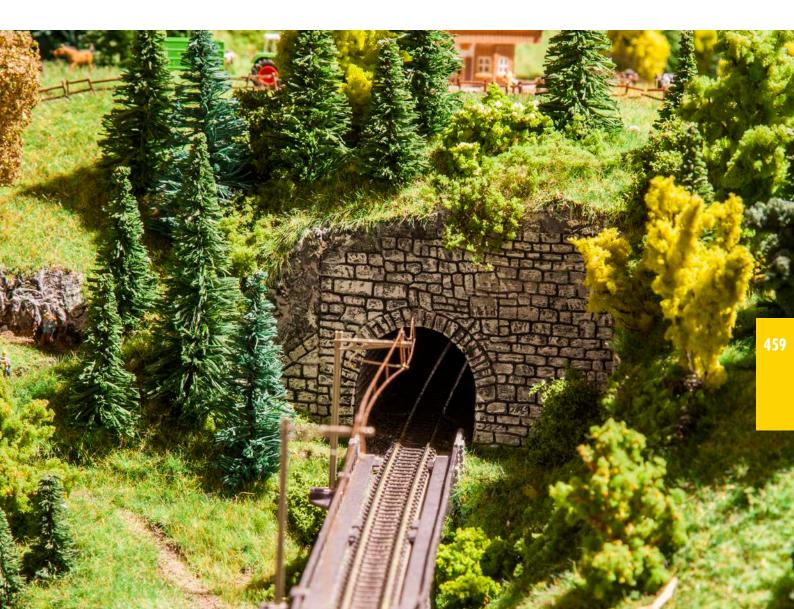
Decorative sheet Pros arcades »Natural stone ashlars« Decorative sheet with round arch and corbel stone.

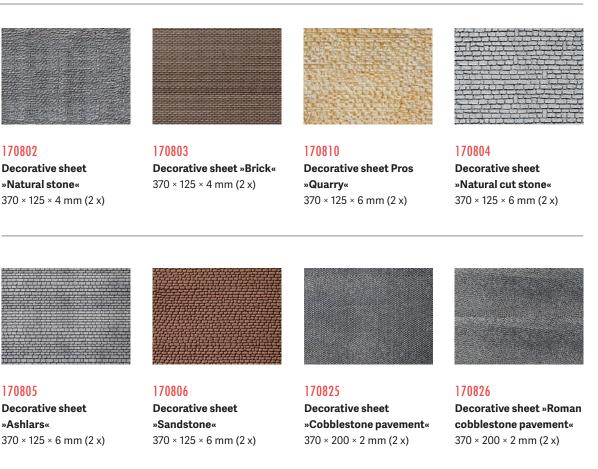
370 × 60 × 9 mm



272654 »Landwasser« Decorative tunnel portals Single-track, for both catenary and steam traction.

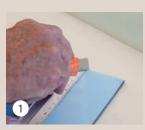
New Item 2018 - 370 x 90 x 3 mm





FALLER decorative sheets

Create realistic portals, arcades and other stonework on your model set with foamed FALLER decorative sheets. All you need is a crafting knife, solvent-free glue and, if desired a brush and paint. The sheets can even be used to create curved walls. For these you would simply use thinner decorative sheets or cut thicker sheets to size using a band saw. FALLER decorative sheets already have natural lighting in mind. Please note the colour graduation of the stone from lighter (top) to darker hues (bottom).



With a crafting knife cut the decorative sheet to the desired size. Our tip: Preferably use a sharp blade to prevent the edge of the material fraying.



Mitre cut or smooth walls with corners. Any joints or minor damages from cutting the material can easily be concealed with a little paint.



Carve out individual stones at the edge of your decorative sheet with a crafting knife to add slants to the wall.



You will surely find the right product in our line to create a ledge to finish the top of your wall (art. 170834).



Use a pencil with a blunt tip to design the joints on the face of the wall ledge.



Finally add lights to the stonework with an almost dry brush and dark, water soluble paint (e.g. FALLER »Roadway paint«, art. 180506). The roughening technique will accentuate the plasticity of the stonework.





272592 Decorative sheet »Natural stone« 370 × 125 × 4 mm (2 x) 272650 Decorative sheet Pros »Natural stone ashlars« 370 × 125 × 4 mm (2 x)



272651 Decorative sheet Pros »Stretching masonry« 370 × 125 × 4 mm (2 x) 272652

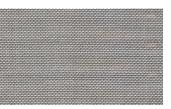
Decorative sheet Pros »Natural stone« 370 × 125 × 4 mm (2 x)

272653

Decorative sheet Pros »Dry wall« 370 × 125 × 6 mm (2 x)



282942 Decorative sheet »Natural cut stone« 220 × 60 × 4 mm



WALL CARDS



170600 Wall card »Sidewalk« 250 × 125 × 0,5 mm



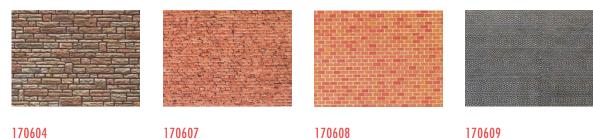
170601 Wall card »Cobblestone« 250 × 125 × 0,5 mm



170602 Wall board »Natural stone ashlars« 250 × 125 × 0,5 mm



170603 Wall card »Natural stone« 250 × 125 × 0,5 mm **HO N**



Wall card »Roman cobblestones« 250 × 125 × 0,5 mm



Wall card »Cut stone«

250 × 125 × 0,5 mm

170610 Wall panel »Natural stone, monzonite« 250 × 125 × 0,5 mm



Wall card »Clinker brick«

250 × 125 × 0,5 mm

170611 Wall card »Sandstone« 250 × 125 × 0,5 mm



Wall card »Red brick«

250 × 125 × 0,5 mm

170613 Wall card »Cut stone« 250 × 125 × 0,5 mm



170617 Wall card »Basalt« 250 × 125 × 0,5 mm



170618 Wall card »Slate« 250 × 125 × 0,5 mm



170620 Wall card »Lime stone« 250 × 125 × 0,5 mm



170624 Wall card »Tunnel« 250 × 125 × 0,5 mm



170625 Wall card »Diamond perforated bricks with grass« 250 × 125 × 0,5 mm



170626 Wall card »Exposed aggregate concrete« 250 × 125 × 0,5 mm



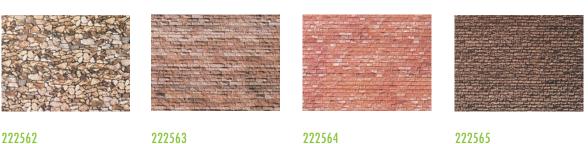
170627 Wall card »Natural stone« 250 × 125 × 0,5 mm



222559 Wall card »Tunnel« 250 × 125 × 0,5 mm



222561 Wall card »Cobbles« 250 × 125 × 0,5 mm



Wall card »Granite« 250 × 125 × 0,5 mm



Wall card »Natural stone«

250 × 125 × 0,5 mm

222566 Wall card »Field stone«

250 × 125 × 0,5 mm

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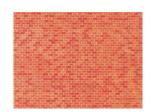
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Wall card »Basalt«

250 × 125 × 0,5 mm

222567 Wall card »Natural stone ashlars« 250 × 125 × 0,5 mm



Wall card »Jura«

250 × 125 × 0,5 mm

222568 Wall card »Red brick« 250 × 125 × 0,5 mm



222569 Wall card »Roman cobblestones« 250 × 125 × 0,5 mm





Wall cards serve the most various purposes in model layout construction:

For the design of differences in height in floor building, for fencing and paving and for the decoration of house walls. The printed cardboard sheets are 250×125 mm in size and approx. 0.5 mm thick.

The wall cards are printed in such a way that the bricks lay horizontally on the wall for tunnel building.



www.faller.de www.car-system-digital.de

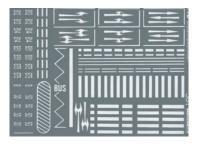
46

ROAD MODELLING, FIELDS, MEADOW, PATHS

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ROAD MODELLING

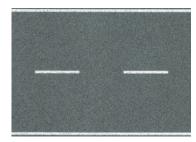
With FALLER the road construction is accomplished at least as authentically as the track system. However, plastic road sheets are not suitable as a covering of the guide wire for the Car System.



180536 272451 Street markings

Self-adhesive rub-on street markings of all the necessary roadway marking symbols.

Epoch IV (H0) - Epoch III (N)



170630 272458 Road Foil, Flexible Self-adhesive road foil, double track,

1000 × 80 mm (H0) • 1000 × 40 mm (N)

with markings.



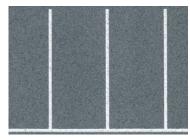
170631 272459 Road sheets 90° 4 pieces, self-adhesive, double track, compatible with art. 170630.



170632

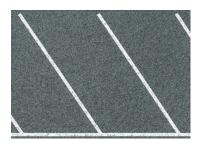
1000 × 80 mm

Road Foil, Flexible Self-adhesive road foil, double track, without markings.



170633 Parking space sheet Self-adhesive parking space sheet. Rectangular markings.

1000 × 60 mm



170634 Parking space sheet Self-adhesive parking space sheet. Diagonal markings.

1000 × 60 mm

170646

480 × 240 mm

Cobblestone pavement square Self-adhesive cobblestone pavement square.

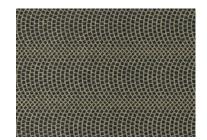
1000 × 70 mm

pavement square.

Cobblestone pavement film

Self-adhesive cobblestone

170647



170652 **Pavement foil** Roman pavement, self-adhesive, flexible

1000 × 60 mm

180533

Set of traffic signs

Period V set of town signs and traffic signs with digital printing along with posts and St. Andrews crosses. **Epoch V**

180534

Set of traffic signs

Period III set with digitally printed town signs and other traffic signs with posts as well as St. Andrews crosses. **Epoch III**



180535

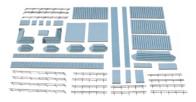
Crash barriers, 32 Marker posts Crash barriers and marker posts for making the roadway safer.

Epoch III • Total length: 1600 mm



180537 Set of sid

Set of sidewalk tiles Tile Size: 160 × 113 mm (2x) Kerbstones: 3420 mm Epoch III



180519

Stairway set These diverse stairs and steps are ideal everywhere for access up or down. With fitting railings. Epoch II



180376 Lamppost Ready for connection 14 - 16 V, DC/AC

Epoch IV • 95 mm



180538 Streetlamp set 26 street light dummies in 6 different designs. Do not light up. Epoch IV

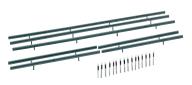


272453 Streetlamp set 56 street light dummies in 4 different designs. Do not light up. Epoch IV



272450

Set of traffic signs Europe international (1977 – 1985) Contents: rub-on sheet, rub-on stylus, moulded traffic signs. Epoch IV



272452

Crash barriers, 40 Marker posts Crash barriers and marker posts or making the roadway safer. Total length: 860 mm **Epoch III**



272540 Pavement tiles Tile dimensions: each 60 × 87 mm Kerbstones: 1660 mm Epoch III

LANDSCAPE SEGMENTS

Flora and fauna on the layout can be created even more realistically with these landscape segments.



180458 (H0, Π , N) Grain-field with poppies 210 × 148 × 3 mm



180479 (H0, П, N) Field of wild herbs 210 × 148 × 9 mm



180460 (H0, TT, N) Flowering meadow 210 × 148 × 9 mm



180463 (H0, Π, N) Rape field 210 × 148 × 6 mm



180465 (H0, TT, N) Wild grass meadow 210 × 148 × 6 mm



180466 (H0, TT, N) Cereal field 210 × 148 × 3 mm

Landscape segments

The landscape elements are usually constructed in a manner so that they can be used as a whole or in part, i.e. patched in small pieces when modelling. The size of all the supplied segments, with the exception of the country lane and the brooklet course, is 210×148 mm and corresponds to DIN A5. The products are in part repeatedly flocked base layers of different colours and consistencies and delivered flocked with foil. Deviating from this are the country lane and the brookside.

Self-adhesive strips are supplied for the modelling of paths which the modeller has to cut apart, fit together and fit into the terrain.





180467 (НО, TT, N) Flowering meadow 210 × 148 × 9 mm



180470 (H0, TT, N) Country lanes 210 × 49 × 6 mm (3 x)



180471 (H0, TT, N) Field 210 × 148 × 3 mm



180473 (НО, П, N) Pond 210 × 148 × 6 mm



180474 (H0, TT, N) Railway embankment/Slope 210 × 148 × 3 mm



180475 (H0, TT, N) Forest floor 210 × 148 × 10 mm



180476 (H0, TT, N) Meadow with boulders $210 \times 148 \times 10 \text{ mm}$



180488 (H0, TT, N) Meadow, light 210 × 148 × 6 mm



180489 (H0, TT, N) Meadow, dark 210 × 148 × 6 mm

Grass tufts in various sizes and lengths for the realistic decoration of grassland.



171395 Grass tufts, pale New Item 2018 -Height: 6 - 12 mm



171396 Grass tufts, dark New Item 2018 -Height: 6 – 12 mm



171397 Grass strips, pale New Item 2018 • Height: 6 – 12 mm



171398 Grass strips, dark New Item 2018 -Height: 6 - 12 mm

GROUND MATS

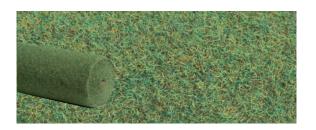
An indispensable classic element for landscaping: The ground mat - easier to process, thick flocking, realistic colours, and easy to roll up.



180750 • 1000 × 750 mm 180751 • 1000 × 1500 mm 180752 • 1000 × 2500 mm Ground mat, flowering meadow



180753 • 1000 × 750 mm 180754 • 1000 × 1500 mm 180755 • 1000 × 2500 mm Ground mat, light green



180756 • 1000 × 750 mm 180757 • 1000 × 1500 mm 180758 • 1000 × 2500 mm Ground mat, dark green



180778 Ground mat, ballast, grey 1000 × 750 mm



180785 Ground mat, ballast, dark brown 1000 × 750 mm



180786 Ground mat, ballast, light brown 1000 × 750 mm

TERRAIN CLUMPS

From the charming idyll that remained natural through cultivated useful areas up to the developed piece of land: FALLER terrain clumps are perfectly suitable for the representation of vegetation or as a basis for your ulterior arrangement of plants by means of shrubs or trees. To obtain a particularly realistic effect use a mix of the well-matched shades.



171307 PREMIUM Terrain flocks summer green, tinged 45 g



171308 PREMIUM Terrain flocks dark green 45 g



171309 PREMIUM Terrain flocks olive-green, tinged 45 g



171310 PREMIUM Terrain flocks medium green 45 g



171407 PREMIUM Terrain flocks summer green, tinged 45 g



171408 PREMIUM terrain flocks dark green 45 g



171409 PREMIUM terrain flocks olive-green, tinged 45 g



171410 PREMIUM Terrain flocks medium green 45 g



171560 PREMIUM Terrain flocks summer green, tinged 12 g



171561 PREMIUM terrain flocks dark-green 12 g



171562 PREMIUM Terrain flocks olive-green, tinged 12 g



171563 PREMIUM Terrain flocks medium green 12 g



171304 PREMIUM terrain grass green 290 ml



181388 Foliage material »Summer mix«, 5 varieties New Item 2018 - ca. 10 g



181389 Foliage material »Autumn mix«, 5 varieties New Item 2018 • ca. 10 g



181391 (H0, TT, N) Foliage material, dark-green 250 × 120 mm



181392 (H0, TT, N) Foliage fleece, medium-green 250 × 120 mm

Vegetation styling

with PREMIUM products

Small bushes can be created with the landscaping flakes termed as »coarse« like art. 171554, 171555 and 171556.



Ideal for modelling bushes, mountain flora, brooksides etc.



170729 Lichen, green assorted • 50 g



170730 Lichen, 5 different colours 80 g

FOLIAGE

Realistic landscaping in creative handicraft



181615 Clump foliage, light green New Item 2018 - ca. 300 × 200 mm



181616 Clump foliage, dark green New Item 2018 - ca. 300 × 200 mm



181617 Clump foliage, various colours New Item 2018 - ca. 300 × 200 mm 181618 Clump foliage, summer green New Item 2018 - ca. 300 × 200 mm



Realistic leaves on a scarcely visible base material allowing the arrangement of bushes and cover plants, the grassing of walls and facades as well as the covering of transitions in terrain construction. Easy processing thanks to the extensibility and malleability of the filigree fleece.





»Gras-Fix« grass-spreader

This device provides the grass fibres with an electrostatic charge so that the fibres stand upright on the meadow surface.

This product consists of:

Grass-spray device »Gras-Fix« with ergonomic handle, with uncovered opening at the top for easy-refill during application, large sifter opening for wide application, additional clip-in and rotatable fine dosing funnel sifter, a 9 Volt block battery and counterpole cable with rail contact clamp.



170680

Exchangeable Cap »Gras-Fix«

Sealable storage can for strew fibers. The cap matches our »Gras-Fix« (art. 180691). The two sealing caps make for easy and quick switching between fibers of different height or color while filling the grassing device.



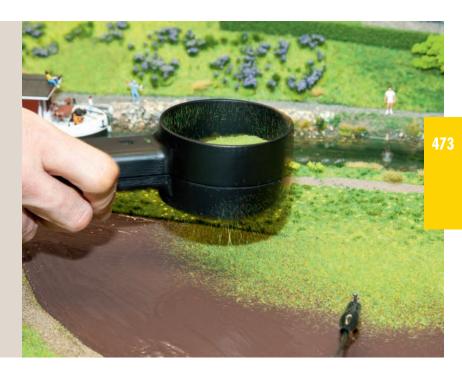
Small storage can, empty

Transparent can with write-on label for storing all kinds of strew materials for layout construction. Two hinged openings are integrated in the screw cap and make for comfortable and exact dosing.

»Gras-Fix«

The following steps will yield a perfect result:

- Apply FALLER Colofix (art. 180501) to the area you wish to cover with grass.
- Fill the grass-fix device with scatter fibre, in solid or blended colours.
- Insert a small nail in the arrangement near the area to be covered and secure the counterpole to it using the rail contact clamp.
- Switch on the device, hold about 30-50 mm above the area to be covered in grass and shake lightly.
- Using this method the fibre will stand neatly and upright in the glue bedding.



PREMIUM GROUND COVER FIBRES

For realistic creation of meadows and wild, green spaces. Especially well-suited for electrostatic greening with our »Gras-Fix« (art. 180691).



6 mm

12 mm

-



170775 (НО, ТТ, N) »Нау« Fiber heights: 6 mm - 30 g



170776 (H0, TT, N) »**Straw**« Fiber heights: 6 mm • 30 g



170777 (H0, TT, N) »Embankment« Fiber heights: 6 mm = 30 g



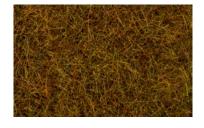
170770 (H0, TT, N) »Grass-Green« Fiber heights: 6 mm = 80 g



170771 (H0, TT, N) »Spring Meadow« Fiber heights: 6 mm • 30 g



170772 (H0, TT, N) »Early Summer Meadow« Fiber heights: 6 mm • 30 g



170773 (H0, TT, N) »Autumn Meadow« Fiber heights: 6 mm = 30 g



170774 »Summer Meadow«, long Fiber heights: 12 mm = 30 g



180484 (H0, TT, N) »Meadow«, light green Fiber heights: 6 mm • 30 g



180485 (H0, TT, N) »Grass«, dark green Fiber heights: 6 mm • 30 g

Grass fibres



170725 Grass fibres, green Fiber heights: 2 mm - 35 g



1**70726 Grass fibres, dark green** Fiber heights: 2 mm - 35 g



170727 Grass fibres, dark brown Fiber heights: 2 mm • 35 g

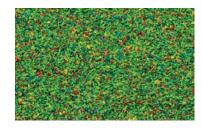
Scatter material



170702 Scatter material, spring green 30 g



170703 Scatter material, forest green 30 g



170710 Scatter material, flowery meadow 30 g



170728 Scatter material, farm road 85 g



170704 Scatter material, ploughed field 30 g



170705 Scatter material, sandbrown 30 g



170706 Scatter material, basalt 30 g



170720 Scatter material, ballast 140 g





WORKSHOPS

We show you how easy it is. In FALLER workshops at our headquarters in Gütenbach our experts will show you the best working techniques as well as all essential tricks and knacks when putting them into practice. Our workshops are equally aimed at beginners and advanced hobbyists. We make of you a mobility expert.

Workshop Model layout construction

We will show that you, too, are able to build and style a lovely installation. We shall optimally help you with valuable pieces of advice, recommendations, knowledge from practice, and plenty of illustrative tips allowing to give shape to your creative ideas – from the supporting structure through landscape arrangement up to rocks and water design.

The number of participants is limited. So you should quickly book a place. More details on **•** <u>www.faller.de</u>



GARDENING MADE EASY!

Colourful plants, ready to use without cutting and gluing. Merely plant and enjoy the view!



181270 6 Pot plants Total height: approx. 13-20 mm



181271 12 Hydrangeas Total height: approx. 15 mm



181272 18 Hibiscuses Total height: approx. 16 mm



181273 28 Rhubarb plants Total height: approx. 10 mm



181274

12 Ferns Total height: approx. 11 mm ≡H0



181275 14 Tobacco plants Total height: approx. 19 mm

Easy to carry out

Support must be clean and dry. Apply Color-Fix Color and then place some grass (from long to short), strew various fibres or cover the ground with some brown clump foliage. After that set the plants at pleasure in some places using little glue. You will thus obtain pretty realistic effects.



181264 28 Giant ornamental onions Total height: approx. 12 mm



181265 32 Grape hyacinths Total height: approx. 10 mm



181266 6 Watermelons Total height: approx. 8 mm



181267 32 Orchid primroses Total height: approx. 12 mm



181268 6 Climbing roses Total height: approx. 45 mm



181269 14 Flowering bushes Total height: approx. 13 mm



181256 16 Sunflowers Total height: approx. 20 mm



181262 36 Tulips Total height: approx. 7 mm



181258 6 Squashs Total height: approx. 6 mm



181259 18 Tomato plants Total height: approx. 15 mm



181260 12 Water lilys Total height: approx. 5 mm



181261 24 Cattails/reeds Total height: approx. 28 mm



181257
10 Heads of green cabbage and
10 heads of cauliflower
Total height: approx. 5 mm



181263 10 Heads of cabbage and 10 heads of red cabbage Total height: approx. 5 mm

TREES, BUSHES, FENCES



DO-IT-YOURSELF PREMIUM TREES



181108 (H0, TT) 5 Do-it-yourself PREMIUM Trees 70 mm (2 x) + 90 mm (2 x) + 105 mm

Know-how

Produce exclusive individual items using the simplest of methods. Trunks and branches, flock terrarin in a natural shade and foliage as a base are the components of the Do-it-yourself trees by FALLER. We will show you how to design your very own individual PREMIUM tree. Just as inexpensive, how brilliant is that!



Shaping

Firstly, design the shape of the crown by bending the branches in the desired directions.



Fixation

Prepare the fixing of the foliage with a little adhesive spray (art. 170497).



Preparation of the crown In the next step, prepare the structure of the crown and pull the foliage over the branches of your tree.



Green up

Plant the tree by putting the terrain flock over the entire foliage whilst rotating the trunk. Use a leaf base if you wish to repeat this process.



Mounting the foliage Pull the foliage apart carefully until its size spans the branching.



181105 (H0, Π, N) Do-it-yourself PREMIUM Plane



181101 (H0, π, N) Do-it-yourself PREMIUM Elm tree



181103 (H0, TT, N) Do-it-yourself PREMIUM Deciduous tree



DECIDUOUS TREES

The branching in the tree crowns and the tall growth of deciduous trees animate the lines and areas of your model structures in a distinctive way.



181344 (H0, π) 1 PREMIUM Linden tree



181192 (H0, π, N) 1 PREMIUM Sweet Chestnut tree



181343 (H0, TT) 1 PREMIUM Horse chestnut 200 mm



181178 (H0, π, N) 1 PREMIUM Alder ca. 145 mm



181179 (H0, TT, N) 1 PREMIUM Beech ca. 145 mm



181206 (H0, Π, N) 1 PREMIUM Oak 145 mm

■H0■T**■**N



181185 (H0, π, N) 1 PREMIUM Birch tree, large ca. 145 mm



181177 (H0, π, N) 1 PREMIUM Black poplar ca. 140 mm



181193 (H0, TT, N) 1 PREMIUM Linden tree in early summer 140 mm



181176 (но, тт, n) 1 PREMIUM Oak ca. 130 mm



181180 (H0, Π, N) 1 PREMIUM Ash ca. 130 mm



181184 (H0, TT, N) 1 PREMIUM Oak ca. 110 mm



181328 (H0, Π, N) 1 PREMIUM Willow 100 mm



181212 (H0, TT) 1 PREMIUM Sessile oak



181183 (H0, TT, N) 1 PREMIUM Beech ca. 110 mm



181385 (H0, π) 1 PREMIUM Maple
100 mm



181387 (H0, TT) 1 PREMIUM Linden 100 mm



181386 (H0, π) 1 PREMIUM Walnut-tree 185

≡ H0 ≡ TT = N



181182 (H0, Π, N) 1 PREMIUM Mountain ash ca. 90 mm



181189 (H0, TT, N) 1 PREMIUM Blackthorn tree, 1 PREMIUM Forsythia ca. 50 mm + 40 mm



181191 (H0, TT, N) 2 PREMIUM Elm trees



181219 (HO, TT, N) 2 PREMIUM Small elms 95 mm



181190 (H0, Π, N) 2 PREMIUM Wild Cherry trees 120 mm + 85 mm



181214 (H0, TT) 2 PREMIUM Cherry trees



181170 (H0, TT) 3 PREMIUM Trees, assorted New Item 2018 - 70 - 135 mm



181171 (H0, TT) 5 PREMIUM Trees, assorted New Item 2018 - 70 - 100 mm



181172 (TT, N) 5 PREMIUM Trees, small, assorted New Item 2018 - 50 - 55 mm



181427 (НО, ТТ, N) 3 Planes 90 mm



181364 2 Beeches »Top Series« 180 mm



181411 (H0, TT, N) 3 Beech trees 150 mm



181372 (H0, TT, N) 3 White birches »Top Series« 130 mm



181376 (H0, TT) 3 Weeping birches »Top Series« 90 mm



181420 3 Birches 130 mm



181423 (НО, ТТ, N) 4 Birches 90 mm



181486 (H0, ∏, N) 5 Birches 55 mm



181405 (H0, TT, N) 2 Birches + 2 Poplars 70 mm



181412 4 Leaf trees 60 mm



181416 (H0, TT, N) 4 Leaf trees 110 mm



181488 (H0, TT, N) 6 Assorted trees 60 mm



181361 (H0, TT, N) 3 Fruit trees »Top Series« 110 mm



181402 4 Fruit trees 60 mm



181407 (H0, TT, N) 4 Fruit trees 60 mm



181403 (НО, П, N) 3 Apple trees 80 mm



181406 (НО, П, N) **3 Decorative cherry** 80 mm



181365 2 Ashes »Top Series« 110 mm



181252 (H0, Π, N) 48 Ornamental trees Total height: approx. 25 mm

≡H0 ≡ TT ≡ N



181404 (H0, Π) 5 Apple trees



181409 (H0, TT) Trees and shrubs for the edge of the forest 75 mm - 90 mm



181526 (H0, Π, N) 10 Deciduous trees, assorted 60 - 115 mm



181525 (H0, TT, N) 30 Deciduous trees 130 mm



181531 (H0, π) 10 Deciduous trees, assorted New Item 2018 - 75 - 95 mm 181532 (H0, π) 25 Deciduous trees, assorted New Item 2018 • 35 - 120 mm 181533 (H0, TT) 50 Deciduous trees, assorted New Item 2018 - 35 - 120 mm



181534 (H0, TT) 10 Mixed forest trees, assorted New Item 2018 + 50 - 120 mm

181535 (H0, TT) 25 Mixed forest trees, assorted New Item 2018 - 35 - 150 mm

181536 (HO, TT)

50 Mixed forest trees, assorted New Item 2018 - 35 - 150 mm



181540 (Π, Ν) 25 Mixed forest trees, small, assorted New Item 2018 - 35 - 90 mm



181477 (H0, TT, N) 20 Mixed forest trees, assorted 60 - 120 mm



181495 (H0, Π, N) 15 Mixed forest trees, assorted 90-150 mm



181497 15 Mixed forest trees, assorted

CONIFERS

Fresh and green even in winter. The coniferous beauties with conical crown work with any model location.



181315 (H0, Π) 1 PREMIUM Larch 210 mm



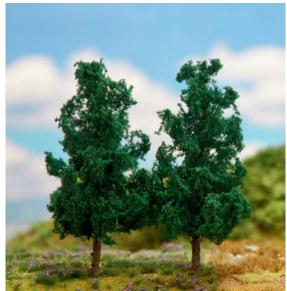
181312 (H0, Π) 2 PREMIUM Spruces to plant = 150 mm



181313 (H0, Π) 1 PREMIUM Spruce to plant - 200 mm



181311 (но, тт, м) 2 PREMIUM Spruces



181302 (H0, Π) 2 PREMIUM Firs 130 mm



181528 (H0, Π) 2 Fir trees 110 mm + 140 mm



181602 (H0, TT, N) 3 Little fir trees 50 mm



181604 (H0, TT, N) 3 Small and 3 large fir trees 50 – 120 mm



181481 (НО, ТТ, N) 20 Conifers 70 - 150 mm



181527 (H0, TT, N) 10 Firs, assorted 90 - 120 mm



181464 (H0, TT, N) 50 Firs 10 × 110 mm, 15 × 90 mm, 15 × 70 mm, 10 × 50 mm



181493 40 Silver firs 50 - 120 mm

≡H0 ≡ TT ≡ N

181537 (но, тт) 10 Firs, assorted New Item 2018 - 50 - 120 mm

181538 (H0, Π) 25 Firs, assorted New Item 2018 - 50 - 150 mm

181539 (H0, π) 50 Firs, assorted New Item 2018 - 50 - 150 mm





181541 (П, N) 25 Firs, small, assorted New Item 2018 - 50 - 90 mm



181580 (H0, TT) 18 Firs in winter New Item 2018 - 100 - 140 mm



181224 (H0, Π) 2 PREMIUM Leafless trees



181225 (H0, TT, N) 2 PREMIUM Leafless trees ^{70 mm}

BUSHES, HEDGES

Trees, shrubs, bushes of the most varying sorts, types and shapes.

181204 (H0, Π, N) 4 PREMIUM Late summer shrubs







181230 (H0, π, N) 3 PREMIUM Bushes 181233 (H0, TT, N) 5 PREMIUM Bramble hedges 20 - 40 mm

181229 (H0, Π, N) 6 PREMIUM Thujas 40 mm





181350 (H0, TT, N) 3 PREMIUM Hedges, light green 160 × 25 × 20 mm



181352 (H0, TT, N) 3 PREMIUM Hedges, red blooming 160 × 25 × 20 mm



181235 (H0, TT, N) 4 PREMIUM Hedges, Autumn foliage



181356 (H0, TT, N) 4 PREMIUM Hedges, light green 100 × 15 × 10 mm



181358 (H0, TT, N) 4 PREMIUM Hedges, red blooming 100 × 15 × 10 mm

171839 (HO, TT)

20 pieces

PREMIUM Climbers, green

or walls, or bundled as bushes.

Ideally suited as climbing plants on the sides of houses



181234 (H0, TT, N) 2 PREMIUM Decorative hedges/ European hornbeams

300 × 13 × 17 mm (2 x)

The FALLER PREMIUM hedges

blossom green and red available in two growth sizes. They have rated break points and can therefore be adapted to the requirements of the terrain. Another possibility for the individual processing exists in the separation of the plants according to length each consisting of two joined plastic blanks. For example, fences can be planted on both sides or again be cut, and blossoms can be integrated into the garden.



≡H0 ≡ TT ≡ N



181366 (H0, Π, N) 6 Shrubs »Top Series« 30 mm



181375 (H0, Π, N) 3 Bushes »Top Series« for insertion + 50 mm



181468 6 Shrubs



181474 (H0, Π, N) 12 Bushes assortment of various colours - 40 mm



181475 (H0, TT, N) 6 Forsythias, yellow flowers 40 mm



181476 (H0, TT, N) 6 Bushes, red flowers 40 mm



181478 (H0, Π, N) 6 Bushes, blooming white 40 mm



181479 (H0, TT, N) 6 Bushes green



181398 (H0, TT, N) 3 Hedges, light green 100 × 10 × 10 mm



181399 (H0, Π, N) 3 Hedges, flowering yellow 100 × 10 × 10 mm

≡H0 ≡ TT ≡ N

Model Layout Construction > Hedges, Vines, Maize plants, Undergrowth



181443 (Но, тт, N) 3 Bushes ^{500 × 4 × 7 mm}



181448 (H0, TT, N) 2 Hedges 500 × 12 × 15 mm



181449 2 Hedges 500 × 8 × 15 mm



181489 (H0, TT, N) **3 Hedges** 500 × 10 × 27 mm



181610 (HO, TT, N)

Hedge assortment

New Item 2018 - 500 × 12 × 15 mm (1 x), 500 × 8 × 15 mm (1 x), 500 × 4 × 7 mm (3 x)



181490 (НО, ТТ, N) 36 Vines ^{30 mm}



181254 (H0, TT, N) 24 Vines Total height: approx. 35 mm



181250 (H0, TT, N) 36 Maize plants Total height: approx. 25 mm



181255 (H0, TT, N) Undergrowth Total height: approx. 40 - 80 mm

≡HO

A LITTLE PROJECT!

The ideal start for diorama modelling. In addition to the base plate, a single-family house, a few fir trees, figures and a car, diversified furnishing materials are included in the set. Creativity has no limits when modelling.

Do-it-yourself Minidiorama





181112 Garden



181113 Enchanted forest



181114 Vegetables

Inspiration on plenty of pages Leaf through, read, marvel, build!

Along with FALLER and POLA G general catalogues various leaflets with comprehensive information on all new items from the world of FALLER brands are published in the course of the year. You will get them hot off the press by visiting any retailer in your neighbourhood or as file to download on <u>www.faller.de.</u>



499

FENCES

ideal for any model layout.



180415 Lattice fencing Epoch I • Parts: 42 • Total length: 1060 mm



Keep on the safe side! There is a wide diversity of different fences,

180403 Iron railing Epoch I • Parts: 12 • Total length: 1820 mm



180407 Railing fences Epoch I • Parts: 6 • Total length: 1080 mm



180401 Fencing Epoch II • Parts: 6 • Total length: 1080 mm



180404 Fencing Epoch III • Parts: 8 • Total length: 1432 mm



180413 Protective fence Epoch III • Parts: 6 • Total length: 1260 mm



180428 Modern fence Epoch IV • Parts: 6 • Total length: 1242 mm



180412 Iron fence with gate Epoch I • Parts: 8 • Total length: 1046 mm



180433 Metal industrial fencing Epoch III • Parts: 23 • Total length: 1010 mm



180435 Barrier fences Epoch IV - Total length: 460 mm

≡HO



180411 Garden iron fence Epoch I • Parts: 12 • Total length: 684 mm



180410 Garden fences with gates Epoch II • Parts: 10 • Total length: 710 mm



180429 Front garden fencing Epoch IV • Parts: 26 • Total length: 385 mm



180402 2 Assorted fences Epoch I • Parts: 6 • Total length: 1080 mm



180432 Iron fence with concrete posts 4 m steel wire, 80 concrete pillars. Epoch I



180405 Paling Epoch I • Parts: 12 • Total length: 790 mm



180406 4 Garden and field fences Epoch I • Parts: 32 • Total length: 2360 mm



180408 Bonanza fence Epoch I • Parts: 18 • Total length: 1341 mm



180414 Wire mesh fence with wood poles Epoch III • Parts: 5 • Total length: 340 mm



180434 Fence systems for stalls and open stable farm Epoch V • Parts: 42 • Total length: 2000 mm (2 × 1000 mm)



180430 Paddock fence I Epoch II • Parts: 45 • Total length: 876 mm



180431 Paddock fence II Epoch II • Parts: 41 • Total length: 876 mm



180427 Wooden railing Epoch IV • Parts: 6 • Total length: 1242 mm



272402 Bonanza fence Epoch I • Parts: 20 • Total length: 930 mm



272410 (N, Z) Wooden picket fence Epoch I • Lasercut model • Gate: 36 × 0,5 × 7,8 mm (2 x) • Fence: 86 × 0,5 × 7,8 mm (4 x)



272403 Paling Epoch I • Parts: 20 • Total length: 437 mm



272407 Pasture and hunting fence Epoch I • Parts: 2 × 6 • Total length: 249 mm/272 mm



272408 Fence systems for stalls and open stable farm Epoch V • Parts: 84 • Total length: 936 mm (2 × 468 mm)



272409 Front garden fencing Epoch IV • Parts: 14 • Total length: 210 mm



272406 Garden fence with gate Epoch I • Parts: 14 • Total length: 540 mm



272405 Factory wall Epoch III • Parts: 12 • Total length: 684 mm



272420 Metal industrial fencing Epoch III • Parts: 10 • Total length: 370 mm



272401 Fencing Epoch III • Parts: 8 • Total length: 816 mm



272404 Iron railing Epoch I • Parts: 12 • Total length: 976 mm

SMALL PARTS IN BAG

Whether on a diorama or a display, mini-scenes are fascinating and captivate with their details. The following items are extremely versatile and available for a low price. The ideal article to lend the scene formation the perfect finishing touch. Just give it a try!



180955 »Bundespost« Telephone booth Epoch III • New Item 2018 • 13,5 × 13 × 28 mm



180956 »Telekom« Telephone booth Epoch IV • New Item 2018 • 11,5 × 11,5 × 34 mm



180957 2 Tables and 12 chairs Epoch III • New Item 2018



180958 Iron fence Epoch I • New Item 2018 • 200 × 19 mm



180959 Wooden crate Epoch III • New Item 2018 • 51 × 27 × 24 mm



180960 2 Brown dustbins Epoch IV • New Item 2018



180961 Wood working machines Epoch III - New Item 2018



180963 5 Beer tent tables and benches Epoch III - New Item 2018



180962 »50s« Shop's lettering Epoch III • New Item 2018 Height: ca. 8 mm Eleurne Spielezaren Keiserhaf Drogene Ten-Studio KINO BAR Apotheke Caie OPTIK Hatel KRONE-POST EDDACO DROGERIE Sparkasse am-Markt Konditarej SOYAL

180964

»70s« Shop's letteringEpoch III - New Item 2018Height: 6 – 7 mm

AAAA BB CC DDD EEEEEEEEE FFF GG HHH IIIII J K LL MM NNNNN OOPQ RRRRRRR SSSSS TT UUU V W W X YZ Z..- ////

180965

»ABC« Lettering kit Epoch III • New Item 2018 Height: ca. 7 mm



180942 Parking barrier Epoch V = 69 × 11 × 18,5 mm (2 x)



180943 Oil tank Epoch III • 73 × 29,5 × 52 mm



180944 Fountain Epoch I • ø 22 × 47 mm



180945 2 Warning bells Epoch I



180947 Draw-well Epoch I • 40,5 × 34 × 31 mm



180950 6 Extinguishers and 2 hydrants Epoch III



180952 10 Hectrometre posts Epoch I



180953 4 Mineral water cases with bottles Epoch IV



180923 Shop equipment Epoch II • 68 × 36 × 7 mm



180930 Set of building site traffic signs Epoch III



180940 6 Small stacks of firewood Epoch I



180901 8 Bicycles Epoch III



180902 2 Garden grills Epoch V



180903 40 Sacks Epoch I



180904 12 Pallets Epoch III



180905 10 Rubbish bins Epoch II



180907 20 Bales of hay Epoch IV



180908 2 Tipping troughs Epoch III



180910 Sun umbrellas, tables, benches Epoch II



180912 10 Hydrants Epoch II



180913 2 Yellow garbage bins Epoch IV



180914 2 Blue garbage bins Epoch IV



180915 2 Pallet jacks Epoch III

■ H0



180916 2 Trolleys und 2 mining carts for H0e Epoch I

180919 4 Benches Epoch I



180928 4 Power poles Epoch III



180922 Fire ladder and railing Epoch IV Height: 106 mm



180925 20 Logs Epoch I Length: 40 mm



180926 Draisine Epoch I = 40 × 30 × 22 mm



180931 32 Marker posts Epoch III



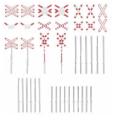
180932 Old-clothes container Epoch IV



180933 2 Waste-bins, black Epoch IV



180939 Kennel with dog Epoch I



180949 International St. Andrews crosses Epoch III

120298

Rail route sign set 190 Pieces, 140 with digital printing.

Epoch II • New item 2018





272913 St. Andrews crosses and warning lights Epoch III - New Item 2018



272911 Scythes, rakes, hayforks Epoch I



272912 4 Barrels and 4 tubs Epoch I



272908 14 Letterboxes Epoch III



272910 20 Marker posts Epoch III



272909 Spindle lifting jacks Epoch II • 48,5 × 11 × 22 mm (2 x)



272900 36 Hay bales Epoch IV



272901 2 Barbecue grills Epoch IV



272902 2 Dump bodies Epoch III



272903 8 Bicycles Epoch II



272904 Platform benches, billboards Epoch III



272905 Tables, chairs, sunshades Epoch II



272906 40 Boxes Epoch I



272907 20 Barrels and 36 sacks Epoch I

ADHESIVES, UTILITIES, ELECTRONICS MODEL BACKGROUNDS

ADHESIVES

They hold the world of models together: adhesives. The FALLER adhesives have specially developed needle applicators because in the process, it is important that the correct dose can be applied exactly where it is needed.



170492 EXPERT

This adhesive is manufactured according to a new formula which provides ideal adhesive results. The special needle applicator enables the most precise dosage of adhesive. The adhesive can be applied on the parts which are to be glued in the smallest drops and also in places which are difficult to access.

Content: 25 g



170490 SUPER-EXPERT

This adhesive for pros reacts quicker, adheres quicker and more permanently. With a special needle applicator and protective cap for the needle.

Content: 25 g



170500 EXPERT RAPID

for super quick adhesive work. This instant adhesive (cyanoacrylate) has improved adhesive properties, flows into the smallest of cracks and has a lower tendency of creeping. With it, nearly all adhesive bonds can be created. Store in a cool, dark place.

LIFR

Content: 10 g

FALLER TO 488 Seriel dampilie Benic dampili

170488

170486

Cleaner distillate

Especially suitable for the

tracks, funfair attractions,

Car System vehicles, etc.

Content: 25 ml

cleaning of dirt on buildings,

Teflon[®] lubricant – needle applicator

This synthetic lubricant provides permanent lubrication for many areas of application in model making. It is colourless, does not stain, cleans and protects against corrosion. It is acid-free and does not gum. Can be used for everything that needs being lubricated, particularly funfair models and mechanical parts.

170494

EXPERT LASERCUT

This glue joins wood, cardboard, styrofoam, and decorating parts. Ideal for building Lasercut-Models.

Content: 25 g



170489 Special oiler

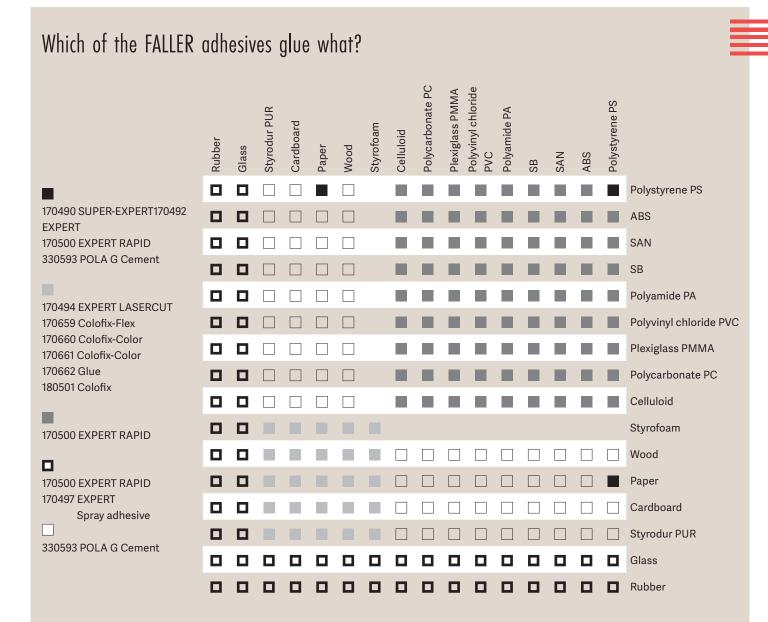
for small motors and gear mechanisms. With a special needle applicator for a precise dosage and clean oiling in places which are difficult to access. The oil is acid-free and does not gum.

Content: 25 ml

EXPERT Spray adhesive

Colourless, elastic spray adhesive for durable and fixed gluing. Ph neutral, non-carcinogenic.





Glue properties and suitability

ltem no.	Description	Basis	Features	Properties	Suitable for
170490	SUPER-EXPERT	solvent	fluid	quick	Construction kits with small adhesive surfaces
170492	EXPERT	solvent	fluid	medium evaporation time	construction kits
170494	EXPERT LASERCUT	water	fluid	long evaporation time	Decorflex items, Lasercut
170497	EXPERT Spray adhesive	solvent	fluid	long evaporation time	Mixed materials, smooth surface
170500	EXPERT RAPID	Cyanoacrylate	fluid	very quick (10 to 15 sec.)	Decorflex items, Styrodur PUR
170659	Colofix-Flex	water	thick (flowing)	long evaporation time	Scatter material, flocks, crushed stones
170660/661/662	Colofix-Color	water	thick (flowing)	long evaporation time	Lichen, stone tiles
180501	Colofix	water	thick (flowing)	long evaporation time	For large-scale parts
330593	POLA G Cement	solvent	thick (flowing)	medium evaporation time	

PATINAR

Ageing can also be something beautiful - the traces of decades or even centuries tell a building's tales of the past and give it authenticity.



170695

»Pigments« Patina-set

Depending on the manufacture, plastic construction kit parts have minimal sheen, and are typically spray-painted in a solid colour. The patina set allows for lifelike and selective signs of weathering and aging to be applied. Industrial facilities or ones located at steam engine depots are always significantly more soiled than a family home in the countryside or a well-kept townhouse.

The set contains 6 small bottles (each 10 g) of matte pigments (black, white, rust, moss, sand, verdigris) which can be applied directly or mixed in countless shades using the enclosed speciality brushes.

Ideal for patinating building models, bridge and steel constructions, railway material, as well as ship and military kits.



170465

Texture paste

Fine-grain mat white acrylic structure paste. Best suited to the design of plaster structure of plastic models, snow landscapes, and any other decorative objects. Very easy to process and model on the most varied materials such as e.g. plastic, wood, cardboard and styrodur. The best way to do this is to use a spatula or a bristle brush. That paste can be dyed and remains flexible. Drying time can be 2 to 24 hours depending on the thickness of the layer applied.

Know-how

The word »patinating« stands for the artificial »ageing« of various materials and surfaces, which gives them a marked plastic character and makes objects look more natural.



Untreated:

To make a lasercut model perfect, or apply rust to gravel, we recommend using the dry-application powder pigments.



Treatment:

Apply paper-thin layers using the included paintbrush.



Result:

They achieve a very natural, matte result without attacking or penetrating the surfaces to be coloured.



190499

Winter set

Model winter atmosphere! Ensemble of a two-storey alpine house with a wooden well, bench for relaxing in the evening and balcony, as well as a half-round village church with a roofed portal and bell-tower. The kit also includes wintry, bare trees, icicles and a material composition for manufacturing glittering masses of snow, as well as a spatula and detailed information for designing your winter landscape.

House: 99 × 89 × 72 mm • Chapel: 98 × 64 × 120 mm

Know-how

Designing winter scenery



Untreated:

The winter set creates your winter wonderland in a jiffy. First, glue icicles to roofs or protrusions, where nature would have created them, using plastic glue.



Treatment:

Result:

Mix the »snow filler« to a modelling mass using diluted Colofix. Adhesion can be worked with a fine paintbrush.



improved with a little Colofix-Flex and spread sand. Large areas are spread with a spatula, filigree landscapes or branches on trees are

To simulate the glistening of the sun on the

snow, simply spread the included granulate onto the still wet mass. Using a little white

paint, you can create a layer of snow along

ments. Using the patina, you can also create

the edge of a street or other design ele-

other special effects.



170466

Snow paste

Winter effects! Very fine lightweight snow paste that is directly applied, spread and modelled with a paint-brush or a spatula onto the desired support. Shows good stability after processing. On grounds of its lightweight, nearly fluffy nature that paste is particularly suitable for light snow decoration, e.g. on trees, on buildings or to model heaps of snow. Drying time: approx. 2 to 3 hours.

Content: 150 ml



170467

Snow powder kit

Powdery snow! Create beautiful winter scenes! Easy-to-use set consisting of snow powder in handy dispenser, glue, mixing cup and dabbing sponge. Simply apply or dab some glue onto roofs, trees, fences or any other small parts, and strew some effect powder onto it. Also best suited to the styling of roadsides.

Content: 100 g/105 g



BRUSHES

Give your models and figures a pleasant finish. FALLER brushes are best suited to paint and patinate all models in building and plastic modelling.



Round brush with brown tip

1	72102	Size: 0/3
1	72103	Size: 0/2
1	72104	Size: 0
1	72105	Size: 1

172106 Size: 2 172107 Size: 3 172108 Size: 4 172109 Size: 6



Flat brush, synthetic

172120 Size: 0/3	172126 Size: 4
172121 Size: 0/2	172127 Size: 6
172122 Size: 0	172128 Size: 8
172123 Size: 1	172129 Size: 10
172124 Size: 2	172130 Size: 12
172125 Size: 3	



Round brush, synthetic

172140	Size: 0/3	172146	Size: 4
172141	Size: 0/2	172147	Size: 6
172142	Size: 0	172148	Size: 8
172143	Size: 1	172149	Size: 10
172144	Size: 2	172150	Size: 12
172145	Size: 3		

COLOURS

Vallejo is one of the best-known and most popular brands in model-making.

Vallejo offers first-class products for model-makers to give unique colours to the most varied objects. A wide range of varied products awaits hobbyists for all applications in model-making.

The product range includes everything you need when working with varied colours. From A to Z!



Model Air

The water-based model air acrylic paints have been developed specially for air brush use. Waterproof, contaminant-free, non-fade and quick drying, they are suitable for all surfaces.



Model Color

Model Color was the first water-based acrylic paint for model construction. Model Color is waterproof and dilutable with water, solvent-free, non-fade, easy to apply, suitable for all surfaces and available in over 220 shades.



Model Washes

Model washes are special paints for a realistic representation of surfaces, that have been exposed to sun, rain, wind, dust or snow and have thus lost the intensity of their colour.



Train Color

Train Color paints are specially suited to use in the model train industry. With these paints, available individually or as part of a set, you can achieve great effects on model railways.



Metal Color

With metal paints from Vallejo you can create the perfect metal look for your models. Water-based and specially developed for airbrush use, these colours have great effects..



The pigment powder made from earth and iron oxide serves for the detailed representation of wear and tear and any form of fading, but also of rust, mud, dust or dirt.





Panzer Aces

Panzer Aces is a water-based acrylic paint, which is made specially for painting tanks and their crew. The features of this brush paint correspond to those of the Model Color paints.



Base

Vallejo's water-based polyutherane base creates a self-levelling, particularly hard and resistant, smooth surface and thus provides the perfect base for plastic, copper, resin and lots more materials.



RC Color

Water-based, contaminant-free, waterproof, highly resistant and petrol-proof up to 35% nitro. RC Color paints are predestined for the RC area but also for helmets and motorbike tanks. Specially suited to airbrush work.



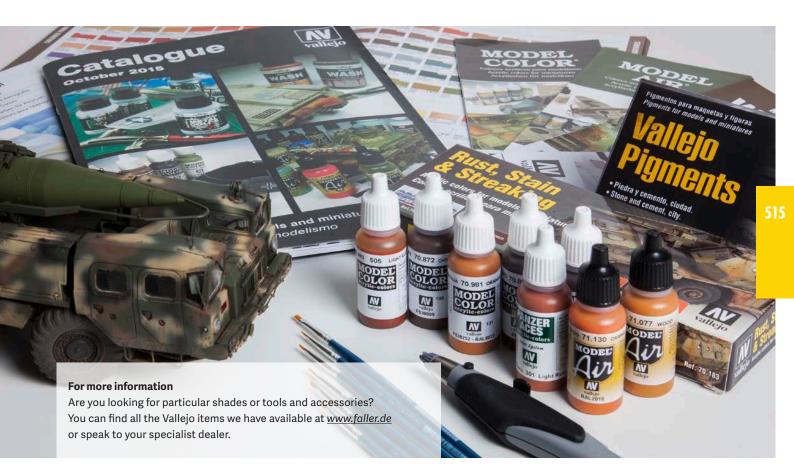
Effects

Water-based, contaminant-free material for the design of structures of any kind such as desert sand, asphalt, foam, snow, lakes or canals.



Utilities and accessories

Vallejo offers all of the tools that you need before, during and after painting: Acrylic varnishes, polyutherane glazing, crackle paints, covering liquid, pigment binder, varnishes, thinners, brush cleaners and so on.



OWN PRODUCTION IN THE HOBBY ROOM

You will easily and quickly succeed in producing models and mouldings by yourself or in getting duplicates by means of these three products: through moulding and using casting resin that is poured liquid in moulds to yield a suitable final product after setting. To be able to detach easily the mould compound from the original without damaging the latter, you can make use of the parting agent.

Our recommendation: for perfect results always use together the »2C Casting resin«, Art. 171667, the »Parting agent«, Art. 171666 and the »Mould compound«, Art. 171665.





Mould compound

To make second casts very quickly. With that mould compound you will be able to prepare flexible casting moulds and duplicates of your models, e.g. miniature figures or tunnel portals, in a particularly easy way. That semiliquid compound features high resistance to breaking and can be processed within 10 to 15 minutes. A decisive advantage: to prepare new casting moulds, the compound can be re-used up to 35 times by simply being made liquid again in a hot water bath or in the microwave oven. Our recommendation: for perfect results use »2C Casting resin«, Art. 171667 and »Parting agent«, Art. 171666.

Content: 560 g



171666 Parting agent

Content: 118 ml

Outstanding parting action. That oil-base parting agent avoids any adhesion of the cast object and allows to separate it very easily from the casting mould. Handling: apply a thin layer onto the casting mould and pour the resin in the mould. The duplicate obtained can easily be removed. Our recommendation: for perfect results use »2C Casting resin«, Art. 171667 and »Mould compound«, Art. 171665.



171667

2C Casting resin

First-class result. 2C casting resin is ideally suitable for the casting of small models or parts, and remains crystal-clear while setting within 45 minutes of preparing it. The resin can also be processed together with various filling materials. Best results are obtained when mixing it in the proportion of 1:1. Suitable for subsequent painting of the objects cast. For perfect results use »Mould compound«, Art. 171665 and »Parting agent«, Art. 171666.

Content: 118 ml

016

TOOLS

170687

170682 3 Spare Blades

170688

Modeller's knife

Complete with 3 spare blades.

Special side cutter For cutting off ultra-fine moulded parts without burrs. Only suitable for polystyrene and copper wires.

Small helpers in any situation. No matter whether you want to cut, drill or glue. Various aids make work on models easier.

170528

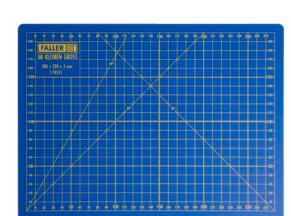
Mosquito clamp, lockable

A firm and easy hold! Rigid mosquito clamp made of stainless steel with slightly curved point, bits with transverse striae, and lock-in position. Ideal to catch and hold small parts for delicate hobby work. Length: 150 mm.

170527

Pocket magnifier with case

Precision folding magnifier with dedicated leather case for rich colours and high contrasts when observing the details of small objects, gives sharp representation up to the rim area. Diameter of lens: 18 mm. Magnification: 10-fold.



170524

Cutting mat

Clever working pad! Protects the surface of tables and simultaneously avoids affecting the sharpness of your modeller's knife. That high-quality long-lasting mat is provided with an horizontal and vertical grid in cm and the printed FALLER logo. The sandwich structure of the material closes by itself after cuts. Format: 300 × 220 × 3 mm (A4).

170534 Model making adhesive tape

Clean colour edges! Two reels of masking tape of different width for accurate painting and sticking work on tiny parts. Allows sharp separating lines even on curved contours and surfaces, and reliably prevents the infiltration of colours, paints and fluid varnishes. Easy to remove without any residue. Widths: 6 mm and 10 mm. Length: 18 m.



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20				FALLER
\mathcal{M}				IN REFILEN CARDSS Interlight Cardss Interlight

170513

A6 Cutting mat

Handy minimat! Long-lasting cutting pad with printed helpful lines, avoids damaging the blades and protects the working surface. Cuts produced in the soft surface close again and are invisible. Can be used on both sides. Grid: cm.

ANLAGENBAU





170526 Sat of

Set of tweezers Precision work! Four-piece set of

tweezers made of stainless steel of different types: pointed/straight, spade/flat, crossed, blunt/cranked. Ideally suited e.g. to the fixing of figures, placing of plants, repairs, and many others more.

Length: approx. 110 mm each.

Modeller's knife with 20 blades, soft grip

Makes any cutting and sawing work easier in the hobby and scale modelling sector for paper, cardboard, plastic, wood and sheeting. The soft grip is superhandy, even in the long run, while ensuring additional safety when seizing it. The reinforced grip also allows minor sawing work. A magnet at the tip of the knife makes it easy to pick up blades or tiny metal pieces. The turning fastener allows to replace the different blades easily and rapidly. Includes 4 types of scalpel and saw blades. Including a box for safe storage.

New Item 2018





170541 5 Spare blades, scalpel, straight New Item 2018

170542 5 Spare blades, scalpel, curved New Item 2018



170544

5 Spare blades, saw, fine New Item 2018

170517

Abrasive pads, set of 3

Ideal auxiliary to shape and smooth your various model making elements manually. The different grain sizes (P60, P100, P240, P400, P600, P1000) from coarse to superfine always allow to obtain the desired result. May not be missing in any modeller's workshop. $80 \times 30 \times 6 \text{ mm}$ (3 x)

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170545

6 Shaping spatulas

For all shaping work in the hobby workshop. Set containing 6 double spatulas with 12 tips and points of various shapes for any mixing, shaping, forming and rubbing work. Each spatula is made of stainless hardened fine steel and offers a perfect grip through its grooved handle.

New Item 2018



Abrasive block

An all-purpose tool. Hand abrasive block allowing to remove rust, deburr, smooth or polish metals, plastics and wood in scale modelling. Removes oxide layers, stains and scratches and ensures high-polished surfaces when cleaning rails and maintaining tracks. Best suited to sharpen small cutters and blades. Perfect for the preparation of surfaces to be painted. Can be used dry or wet. Grain size: 240 (very fine). 80 × 50 × 20 mm.

New Item 2018

170543 5 Spare blades, saw New Item 2018





170529 Nail setter

Nailing without hammer! That nail setter with sturdy wooden grip is the perfect mounting tool for nails, wire nails and pins that are too small to hold with the fingers. The adjustable bit stop also ensures that all fixing devices are sunk in to the same depth. Possible use e.g. to fix tracks or wire meshes. Length: 155 mm.



170522 Pin vice

Useful helper! Tool holder with screwing head allowing to drill or file by hand. Ideally suited to receiving small drills.



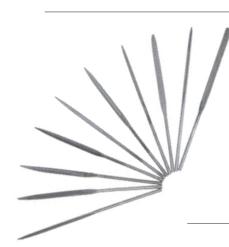
170523 Drill kit

Miniature sizes! Set of 20 metal drills in the range 0.3 to 1.6 mm.

170689

Abrasive files for modellers

5 abrasive files of the common grain sizes 80 + 120. For putting the finishing touch to your model.



170525

Set of needle files

Smoothing! Set of ten high-quality files. Ideally suited to the finest, most varied manual metal cutting tasks. Length of files: 140 mm. Different shapes: flat, round, half round, triangular, square.

170520 Glass-fibre rubber

Better cleaning! Rotary pencil made of plastic, fitted with capillary glass fibres. Ideally suited to the finest cleaning and smoothing tasks, e.g. on printed circuit boards and other objects or metals. Perfect to dull small shiny plastic parts very easily. Diameter: 4 mm.



5 Replacement fibres for glass-fibre rubber

5 replacement fibre brushes for the glass fibre eraser Art. 170520. Diameter: 4 mm. ø 4 \times 50 mm



170530

Syringe tips, 5 sizes

Set comprised of five all-purpose dosing needles with metal points of different size. Ideal for clean and pinpoint application of glues, soldering fluxes or pastes. Particularly helpful on bottles and tubes with large opening, e.g. instant adhesive.

170531

Pipettes, plastic, 5 pieces

Accurately measuring minute quantities. Set of pipettes allowing to mix and transfer colours with an accuracy of one millilitre, to add some thinner or to fill an airbrush. Extreme ease of operation with its precise graduation. Multiple uses.

New Item 2018

170681

» Rite-Way« Angle set Technology makes it possible! With this ultimate tool, you have a »third hand« when gluing. The small magnetic helpers make mounting simpler. Ideally used for building plastic, wood and laser-cut modelling kits.





LED Battery-powered working lamp

Mobile light source of attractive design. With its rechargeable battery and compact foldable size that energy-efficient lamp offers a variety of possible applications. Mobile or in the workshop – its bright colour temperature and dimmer function make it best suitable for model making. Includes a separate lamp stand and a 2 m USB cable.

Technical data: Battery type: Li-Ion; Voltages: 220 V - 240 V, 50 Hz; Voltage/Current: 5 V DC, 500 mA max., 3 W max.; Lamp size: 270 × 51 × 53 mm; Colour temperature: 5700 to 6300 kelvins; Switch: touch switch with dimmer function for main light and small night light; Loading time: max. 3 hours; Operating time per charge: 100% of light 1.5 hours; 50 % of light 3 hours; 10% of light 8 hours; USB cable: 2 m long for use on computer/ laptop; Mains plug: EU/UK.

New Item 2018 • 53 × 51 × 270 mm



170514

Rotary table

360 degrees for painting! Specially suitable for scale modelling and patinating. The rotary table is moved by hand and a great auxiliary whenever you have to assemble or retouch any model. Of versatile use and easy to handle. Diameter: 20 cm.



The perfect base! Rigid plastic base ideally staging miniature models, whether it be buildings, miniature cars, railways, figures or thematic showpieces.



170546 Diorama base, large

New Item 2018 \circ External dimensions: 408 \times 290 \times 54 mm \circ Internal dimensions: 390 \times 184 mm



170547 Diorama base, small

New Item 2018 • External dimensions: 273 \times 200 \times 54 mm • Internal dimensions: 258 \times 184 mm

AIRBRUSH

A fantastic possibility to embellish your models. To get started you only need an Airbrush gun, a compressed air can, and the suitable Vallejo colours (p. 488). The other material required, from newcomer to professional models, can be found in our product range!



342201

FALLER Hobby Airbrush

Small - inexpensive - easy. The ideal set for beginners with stained glass, air hose and compressed air can adapter. 170982 400 ml 170983 750 ml

Compressed air can

Compressed-air can, ideal for occasional quick airbrush work.

FALLER

170983

Für klein

For small spray gur

FALLER 170982

170993

Compressor AIR BOSS

FALLER Air Boss: 17 litre/min flow rate, 4 litre air tank, 6.00 bars pressure! Noise generation is 30 dB/1m. 19.50 kg weight. With piston compressor, adjustable pressure gauge and water separator.

410 × 180 × 430 mm



170991

Transportable compressor

Small but fine! 75 Watt output and 12 litre/minute Output. 3.80 bar pressure with a noise level of 45 DB/1M. Pressure is adjustable. Ideal for all normal sized airbrush jobs since it weighs just 3.40 Kg. 220 × 135 × 250 mm



FALLER compressors

The compressors are made for FALLER by one of the biggest manufacturers of the world to detailed performance criteria and exacting quality requirements. These compressors can be ideally used for the operation of AZTEK air brushes and also for other air-brush devices in the model-making sector and for similar applications.

ltem no.	CONNECTION	Performance	OUTPUT	CAPACTIY	PRESSURE	SOUND	WEIGHT	
	[V/HZ]	w	[L/MIN]	L	[bar]	[DB/1M]	kg	521
170991	230/50	75	12	-	3,8	45	3,4	521
170993	230/50	135	17	4,0	6	30	18,2	

LIGHT AND ELECTRONICS

All possible light sources, the matching transformer, the right control unit, the suitable motor, and diverse additional articles are presented on the following pages.

MINIATURE LIGHT EFFECTS

180710 (но, п, n) Disco lights

Fast, rhythmic change of colour encompassing the entire colour spectrum. With indirect use, the effect imitates both conventional lighting consoles, as well as modern light installations. The optimal addition to county fair rides or festivals of any kind.

180711 (HO, TT, N)

Stroboscope

Short, bright, pure-white flashes of light in rhythmic, yet irregular intervals. Ideal for lighting of disco, circus or county fair scenes.

180712 (HO, TT, N)

Ambiance

This light effect creates soft transitions and especially atmospheric light moods through slowly changing colours. It is suitable for both illumination of a building (e.g. a castle or a facade), as well as for the effective lighting of a complete diorama.

180695 (но, тт, м) Flickering fire

Flickering fire: the name says it all: a variety of red, orange and yellow hues alternating with quick, soft transitions in a rapid sequence.

180696 (HO, TT, N)

Flashing light

Flash: simple photo flash. Maximum brightness. Cold light (0.1 sec).

180694 (но, тт, м) Neon flicker

Neon flicker: cold light with different, seemingly random and very brief cut-outs (less than 0.1 sec).

180698 (но, тт, n) Welding light

Welding light: very cold, bluish light. Maximum brightness. Short sequences of flashes of different intensities followed by pauses of varying lengths, e.g. 5 flashes with different brightnesses within 1 sec, then 5 sec pause, then similar flash sequence and 8 sec pause, etc.

180697 (HO, TT, N)

TV flicker

TV flicker: various sudden colour changes at different intervals, e.g. an extended green sequence simulating a football game (2 - 10 sec).

Mini lighting effects

It's all in the details! Use the special effects to create incredibly beautiful pieces on your set. An area of only 7×11 mm houses a very powerful processor, an RGB LED and a controlled power supply. This allows the desired effect to be placed in any building. Use the processor to control any effects. The RGB LED is able to render 256 different colours. Connect to 6–16 V direct or alternating current.

180646 (но, тт, n) Flash LED

One LED, red, flash frequency 1.5 Hz, voltage 12 V, DC voltage. Ideally suited for high buildings for use as an air-traffic control signal.





180659 (но, тт, n) Platform lighting »LED«

180 mm, for lighting purposes, universal usage. Ready for connection, 12-16 V, AC/DC voltage. Suitable for many platform halls (e.g. art. 120180) and platforms (e.g. art. 120187, 120188, 120191). For flicker-free operation with alternating voltage, you will need the rectifier (art. 180633).



180652 5 LEDs, in different colours

LEDs with enamelled copper wires. Ready for connection to 12-16 V, AC/DC voltage. Pressure-sensitive. To illuminate buildings, rooms, means of advertising, outdoor installations, etc.

In AC voltage mode you need rectifier (art. 180633) for flicker-free operation.



180653 5 LEDs, warm white

LEDs with enamelled copper wires. Ready for connection to 12-16 V, AC/DC voltage. Pressure-sensitive. To illuminate buildings, rooms, means of advertising, outdoor installations, etc.

In AC voltage mode you need rectifier (art. 180633) for flicker-free operation.



180647 5 LEDs, white

LEDs with enamelled copper wires. Ready for connection to 12-16 V, AC/DC voltage. Pressure-sensitive. To illuminate buildings, rooms, means of advertising, outdoor installations, etc. In AC voltage mode you need

rectifier (art. 180633) for flicker-free operation.



180654 2 LED bar spotlights, warm white

Bar spotlights with 5 LEDs each. Ready for connection to 12-16 V, AC/DC voltage. The connections using enamelled copper wires on both sides allow to divide or shorten the bars one time. In AC voltage mode you need rectifier (art. 180633) for flicker-free operation.



180648 2 LED bar spotlights, white

Bar spotlights with 5 LEDs each. Ready for connection to 12-16 V, AC/DC voltage. The connections using enamelled copper wires on both sides allow to divide or shorten the bars one time. In AC voltage mode you need rectifier (art. 180633) for flicker-free operation.



180649 LED light festoon

30 LEDs, in different colours. Ready for connection to 12-16 V, AC/DC. Length: approx. 250 mm. The connections using enamelled copper wires on both sides allow to divide or shorten the festoon one time. Perfect to illuminate funfair stands, ships, beer gardens, etc. In AC voltage mode you need rectifier (art. 180633) for flickerfree operation.

Lighting fixture LED, warm white

Large beam angle for realistic illumination of residential buildings. 12-16 V AC/DC voltage.

Lighting fixture

LED, cold white

Large beam angle for realistic illumination of modern buildings and factories. 12-16 V AC/DC

180661

voltage.



Not all LEDs are alike

Not every LED keeps its promises. Luminous colour, light efficiency and the directional characteristic can deviate greatly with lack of quality control. Uneven lighting, rapid aging and uneven colour temperature are exactly what you get when buying cheap LEDs. FALLER relies on high quality standards, forming the prerequisite for optimal building lighting.

The comparison photo illustrates what makes a good LED: on the left the conventional FALLER light bulb, to the right of it an LED with particularly uneven lighting, as offered in stores.

The two FALLER LEDs on the right are quite different with their perfectly even light distribution, a wide angle of reflected beam and long life. FALLER LEDs are available in warm white and cool white, allowing for era- and type-appropriate building illumination.



Improved! A better colour temperature and luminous efficiency as well as a larger angle of radiation ensure a particularly homogeneous illumination of building models. In FALLER kits the optimized cap accurately adapts to the provided holders. 12-16 V, AC/DC.



180667 Lighting fixture LED, warm white New Item 2018



180668 Lighting fixture LED, cold white New Item 2018

180704

LED Light festoon, warm white

25 LEDs in a warm white colour (yellowish). The LEDs are only 1.2 mm wide. The overall length of the light festoon is 250 mm. Ready for connection to 12–16 V, continuous/alternating current. Best suited for the illumination of funfair articles, beer gardens, garden parties or e.g. ship models. Please note: using alternating current will require Rectifier Art. 180633 for flicker-free operation. Total length: 250 mm

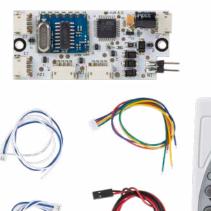


180705 LED Park lamppost

Nostalgic LED lamppost for decoration and illumination of park facilities or town centre scenes. Height: 63 mm.

180703 Light Genie

More emotions through outstanding light effects! The Light Genius system allows to subdivide your model installation into 5 different light zones. Each sector can switch lights on and off, dim or raise them independently of the other sectors. In each particular zone more than 20 different lighting effects are available, such as e.g. sequential light, stroboscopic effects, flickering light and many others more. To the 12 outputs of the system up to 24 lights or 48 LEDs can be connected simultaneously. To be connected to 12-16 V, DC/AC. DCC capable. A 2.4 GHz radio control unit is supplied.





MICRO-CABLE BULBS



180677 (H0, TT, N) 3 Micro-cable bulb, white 12-16 V, AC/DC, 35 mA.



180670 (H0, Π) Building light complete with quality bulb, 12-16 V, DC/AC voltage, 55 mA, cable, E 5.5 mm, Ø 8 mm base.



(HO, N)			
180671	white	180674	green
180672 r	red	180676	blue

180673 yellow

Micro-cable bulb

The FALLER micro cable bulbs (12-16 V, AC/DC, 35 mA) are suitable for the ideal lighting of all fairground booths and rides.



180630 (H0) 222175 (N) 2 Andrews crosses with warning lights

Andrews crosses with warning lights for unprotected level crossings, 12-16 V, AC/DC voltage. Switching printed circuit included. **Epoch III**



180709 10 Connecting clamps, without tool

Fully without tool. The simplest way to connect and detach wires, stranded or not. Press the locking key, introduce the wire, release, the wire is fixed. The ideal solution for any wiring in model railways.

DRIVING MECHANISMS, CONTROLS

180641

Transformer

Transformer for high output. Especially applicable for the operation of fair rides, electrical appliances, lighting, power supply for Car System controls and other model making accessories. With overload protection.





180633 (HO, N)

Rectifier

Rectifier to transform 16 V alternating current into direct current. Especially applicable for LED lighting in order to avoid a slight flickering of the small bulbs (art. 180647, 180648, 180649 as well as the lights 180630 + 180633).



180686

Plug strip for the distribution of low current. 10 pairs of sockets for 2.5 mm plugs.

180629 (H0, π, N) Synchronous hobby motor

12-16 V, AC voltage, 60 mA. Choice of 15 or 4 rpm. Reversible for clockwise- and counter-clockwise rotation. This robust, long-lasting motor can be used for various purposes, e.g. wave swinger, conveyor, gantry crane, railway gate, wind-, water or saw mills, feed pump, etc. Detailed instructions are included.





180624 Gate motor unit

Retrofit kit of an electromechanical drive unit allowing to open and close the doors of Art. 120217, Electric engine shed, and when using Car System vehicles on Art. 130520, Stables. Manual operation through push button (supplied). For 12-16 V AC/DC voltage.

180725 (H0, TT, N)

Servo control

This equipment controls and also programs four connectable servos. The same as our new controls, these can also be controlled completely analogue

or digital via a corresponding control. Connects via 16 V, AC voltage.





180726 (HO, TT, N)

Servo

Complex control made easy! In addition to the great power they develop for such a compact size, servos have the great advantage of travel range and turnout speed being adjustable in both directions.



180727

Large servo

- Powerful analog servo with plastic gear.
- Connector type: JR
- Positioning angle: 90°
- Response velocity: 0.12 to 0.15 s for 60°
- Voltage: 4.8 to 6 V
- Torque: 3.5 to 4.4 kg.cm
- Weight: 43 g
- Dimensions: 40.7 × 20.5 × 39.5 mm
- Cable length: 300 mm
- Connection to Servo Control Art. 180725
- New Item 2018

EFFECTS



180730 (H0, TT, N)

Sound module

Aside from lighting effects noises are the best way to emotionalise a model scene or diorama.

FALLER now offers a control covering all sound options imaginable. From barking dogs to a vehicle's horn or even complex chime of bells, anything's possible.

The best part: You're the conductor! Simply transfer the desired sound files in a common mp3 format onto the USB stick included and play them on your model.

The control has 10 inputs to play the different sounds. They can be activated by switch, sensor or a track switch and emitted on the speakers included or other action boxes. If you have LocoNet you can also activate many more sounds via your digital centre.

The software included enables you to easily organise your sound library with more than 100 sounds.

Operating system: Microsoft Windows XP or later.



180690 (H0, π, N) Smoke Generator Kit

Consisting of smoke oil container with built in 16 V AC electric smoke generator and bottle of smoke oil (50 ml).

50 × 30 × 34 mm

180688 Smoke Oil

Bottle of smoke oil for refilling the smoke generator. Sufficient for 4 hours of operation.



180627

Pump set

consisting of an electric pump (12-16 V, AC voltage, 220 mA), 900 mm flexible PVC hose and 2 connecting pieces. The pressure output is 400–500 mm capillary rise.

This pump is particularly suitable for building waterfalls, running streams, lakes, trick fountains, fountains and for operating water mills. Detailed instructions with a lot of tips and installation information included.





PHOTO BACKGROUNDS

The view is great - with the realistic FALLER photo backgrounds the model landscape reaches all the way to the horizon. The motifs are just as exciting as in nature itself because they portray original landscapes.



180800 (H0, π, N) »Sauschwänzlebahn« Model background

The ideal landscape scene for the installation! This model background consists of three components. Simple processing and printed on appropriately stable material. 2700 × 500 mm



180504 (но, тт, м) »Ostholstein« Model background

The ideal landscape scene for the installation! This model background consists of three components. Simple processing and printed on appropriately stable material. 2700×500 mm



180505 (H0, TT, N)

»Summer in the Highlands« Model background

The ideal landscape scene for the installation! This model background consists of three components. Simple processing and printed on appropriately stable material. 2700 × 500 mm 529



180518 (H0, π, N) Model background »Saartal«

This model background shows a section of the Saarland region and consists of 3 parts. 2700 \times 500 mm



180509 (но, тт, м) Model background »Small town«

This model background shows a section of a small town and consists of 3 parts. 2700 \times 500 mm



180510 (HO, TT, N)

Model background »Industrial area«

This model background of an industrial setting consists of 3 parts. 2700 \times 500 mm



180515 (но, тт, м) »Löwenstein/Württemberg« Model background

Consists of 3 sections. The scenery which was reproduced according to an original photograph shows the recreational area of the Löwenstein Mountains with a view of the town of Löwenstein. 2900 × 450 mm



180514 (но, тт, м) »Black Forest/Baar« Model background

This background, which was created from an original photograph, consists of 4 parts each 970 mm. A background consisting merely of clouds can be obtained by cutting off the printed landscape. This background can be extended in combination with art. 180511. Can also be repeatedly alternated. 3880 × 650 mm



180511 (H0, TT, N)

»Black Forest/Baar« Model background extension

This 4-piece background permits the model background »Black Forest/Baar« (art. 180514) to be extended to right or left, as desired. 3880 × 650 mm



180512 (но, тт, м) »Neuschwanstein« Model background

2-piece backdrop, manufactured according to an original photograph. The motif shows the scenery around the »Neuschwanstein« castle. 3200 \times 970 mm



180516 (HO, TT, N) »Oberstdorf« Model background

Here, the backdrop also consists of 3 sections. This Alpine scenery with holiday resort Oberstdorf is an attractive border for any model layout.

2900 × 450 mm



180517 (HO, TT, N) »Oberstdorf« Model background extension

That 3-piece background allows to lengthen the popular background landscape »Oberstdorf« (Art. 180516) to the left and/or to the right. One of each Art. 180516 and Art. 180517 will produce an appealing installation border as wide as 5800 mm. Alternate juxtaposition of Art. 180516 and Art. 180517 makes longer combinations indefinitely possible.

2900 × 450 mm



180513 (HO, TT, N) »Karwendelgebirge« Model background

2 section model backdrop. The original shows a section of the scenery in the area of the Karwendel Mountains. Combinations of extension to the right and left are possible with unlimited expansion. 3200 × 970 mm

CREATIVE BUILDING SETS

The ideal start for diorama modelling. In addition to the base plate, a single-family house, a few fir trees, figures and a car, diversified furnishing materials are included in the set. Creativity has no limits when modelling.



195998 »One-family dwelling house« Creative Building Set I Epoch V - Base plate: 240 × 175 × 3 mm -

Epoch V • Base plate: 240 × 175 × 3 mm • House: 101 × 117 × 83 mm



»One-family dwelling house« Creative Building Set II

E H0

Epoch V • Base plate: 240 × 175 × 3 mm • House: 93 × 84 × 115 mm

FALLER BASIC

Design, fold, snap together – done!

Today a train station, tomorrow an apartment building, the day after tomorrow – maybe a princess castle. Even the youngest children can let their imagination run wild with FALLER BASIC.

Anyone can build their dream house here: Roofs, bases and side walls of the FALLER BASIC models are not only interchangeable; there is also an alternative version for each detailed finished side wall, which you can paint, apply stickers to and design yourself. The ideal addition to the **MÄRKLIN my world products.**

These articles are available:

- 150110 BASIC Station incl. 1 paintable model
 150130 BASIC Workshop incl. 1 paintable model
 150150 BASIC Police incl. 1 paintable model
 150170 BASIC Bakery incl. 1 paintable model
- 150190 BASIC Single family house incl. 1 paintable model

150191 BASIC Paintable house

ARTICLE LIST

For each track gauge articles are arranged in numerical order. Subject to errors, price changes, availability and modifications of technical details, dimensions and/or colours without notice. (Status as of 30/09/2018 / Validity until 30/09/2019)

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