

2020-21

READY-TO-RUN

O Gauge Train Sets & Accessories

1980



2020

ELECTRIC TRAINS®



Run Trains from
Your Smart Device
with DCS™ Explorer



Included with Every
M.T.H. RTR Train Set

See Page 3



Check Out The
2020 Holiday Items

See Page 22



Build a World of Your Own in Three Dimensions™

In a world where much childhood play takes place on a two-dimensional screen, model railroading offers a form of play that is both old-fashioned and timeless.

For more than a hundred years, children have been using toy trains — along with construction sets, toy figures, empty boxes, and anything else at hand — to build their own imaginary worlds.



While all of this can be accomplished today on a computer screen, there's still enormous value in building something with your hands, making it operate, and sharing it with your friends.

Childhood development experts call it “unstructured, imaginative, free play” and they say it helps kids grow mentally and socially. We just think it's fun, and having fun has to be a good thing.

Model trains come in different sizes. The O Gauge trains in this catalog are nearly twice as large as HO Gauge, another popular train set size.

Compared with HO and smaller N Gauge trains, O Gauge models are easier to handle, more rugged, stay on the track better, sound better due to a larger speaker size, and blend better with other childhood construction toys.

That's why, for more than half a century, O Gauge trains have been the preferred way to begin a model railroading adventure.

Why O Gauge is the Perfect Size



It's all here

In this catalog, we offer everything you need to build a miniature world of your own — or just put up a train around the Christmas tree, or anything in between. You'll find trains that are realistic and others that are whimsical, like our Halloween and Christmas sets.

Each of our ready-to-run sets includes everything you need to get started, all in one box. Just download our app and you're ready to run trains with your Apple or Android smartphone or tablet.

To expand your layout, we offer well over a hundred RailTown™ buildings and accessories, O Gauge track systems, and a variety of safe, UL-approved transformers.



Start With the Best

Like the toy trains of decades ago, our trains are designed to stand up to childhood play and provide years of enjoyment. Compare our sets with those of our competitors, and you'll find M.T.H. trains are made of better materials, run more smoothly, last longer, and have a better remote control system with more features, using long-range WiFi instead of Bluetooth. And every M.T.H. train set locomotive has the same Proto-Sound® 3.0 sound and control system as our most expensive Premier line engines.

Sign up for our **FREE** weekly electronic newsletter, with information on new M.T.H. products and sneak peeks at upcoming specials!

Just go to mthtrains.com and click on *Newsletter Signup*.



See it in Action!

When you see this 🎥 icon, search for the item number on www.mthtrains.com to see a video of the item in action — or scan this QR code to see all of the product videos for this catalog!

www.mthtrains.com/news/652

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www.mthtrains.com

Find your nearest M.T.H. Authorized Retailer at mthtrains.com/dealer-search

M.T.H. TRAINS ARE MORE FUN!



M.T.H. trains are more fun because they feature the sights and sounds that make real trains dramatic and exciting — features that you can control from your smartphone or tablet as you walk around your layout:

Great Smoke

Our steam engines feature fan-driven, puffing ProtoSmoke™, the most powerful smoke system in the hobby, and our Imperial diesel engines include ProtoSmoke diesel exhaust.

Speed Control

Many toy trains have two speeds: fast and faster. M.T.H. locomotives feature the Proto-Sound® 3.0 sound and control system, which allows our engines to throttle down as slow as 3 scale miles per hour, highball down the main line, or maintain any speed in between.

The Proto-Speed Control™ built into Proto-Sound locomotives acts like the cruise control on a car, keeping your train moving at the speed you select, regardless of hills and curves.

Vivid Engine Sounds

Proto-Sound features crystal-clear digital sounds: the wail of a diesel horn; the melody of an authentic steam whistle; the bell alerting passengers to your arrival or departure; steam chuff or diesel roar; and crew conversations.

Station Sounds

Proto-Sound passenger engines feature arrival and departure announcements of famous passenger trains. Freight engines include Freight Yard Proto-Effects™, a symphony of freight terminal sounds.

Synchronized Chuff and Puff

Like a real steam engine, M.T.H. steamers feature puffs of smoke and steam chuff sounds synchronized with the drive wheels. Better than any other toy train, an M.T.H. locomotive portrays the drama of a steam engine slowly chuffing and puffing as it pulls out of a station and gets up to speed.

Remote Uncoupling

Proto-Sound steam and diesel engines offer remote uncoupling anywhere on your layout, accompanied by the clank of the coupler opening and the hiss of air hoses parting.

Remote Control from Your Smartphone or Tablet

Each M.T.H. ready-to-run set includes the DCS Explorer, which allows you to run trains with your Android or Apple smartphone or tablet. Simply download the M.T.H. DCS App from the Apple App Store or Google Play, and you're ready to send commands to the DCS Explorer and run trains. The DCS Explorer is a WiFi track interface unit that can be operated in stand-alone mode or with your home WiFi, and will respond to commands from multiple smartphones or tablets, including the iPad.



If you don't have a smart device you can still run your RailKing train set remotely with the separately sold DCS Remote Commander, or our top-of-the-line DCS Digital Command System, shown on pages 6-11.

If you prefer a traditional hard-wired power

controller, pick any separately sold M.T.H. transformer on pages 88-89.

Either way, you'll be controlling a train set that can grow and expand with your interest in model railroading — because it features the same industry-leading Proto-Sound 3.0 sound and control system as our most expensive Premier Line locomotives.

DCS Explorer + Your Smart Device — simply the best way to run a railroad™

Run multiple trains: Control up to 3 trains on the same track at the same time.

Use multiple controllers: Operate multiple Apple and Android smartphones and tablets at the same time.

Invite your friends: With our free App and their own smart device, they can run trains with you.

Choose from over 8,000 locomotives: Run any M.T.H. ProtoSound 2.0 or 3.0 engine ever built.

Walk around: The DCS WiFi signal has up to 100' range, far greater than Bluetooth.

Faster than Bluetooth: In addition to extended range, WiFi is much faster, allowing for seamless and fast switching between locomotives.

Control lights, sounds, action:

- Speed in one-scale-mile-per-hour increments
- Direction
- Whistle or horn
- Bell
- Station announcements
- Doppler effect
- Sound volume
- Remote uncoupling
- Headlight on/off
- Smoke on/off



All Ready-to-Run sets include the DCS Explorer — and operate with your smartphone or tablet and the free M.T.H. DCS App



The Highest Quality Train Sets You Can Buy

Compare our sets with those of our competitors and you'll see what makes an M.T.H. starter set the best way to begin your model railroading journey.

M.T.H. ready-to-run train sets include track, power supply, DCS Explorer WiFi receiver, and operator's manual.



Every starter set locomotive features the same DCS Digital Command System as our most expensive Premier Line locomotives.



Every M.T.H. locomotive features durable metal gears, wheels and axles.



Every M.T.H. locomotive features a smooth, powerful drive train that can haul many additional cars.



Every M.T.H. car has die-cast metal trucks and couplers; passenger cars have lighted interiors.



Every M.T.H. Ready-to-Run Set features snap-together track built to withstand the rigors of childhood play. You can even stand up on our O Gauge track.



Every M.T.H. train set includes a robust power supply and a digital command system you can operate from any Apple or Android smartphone or tablet.



READY-TO-RUN SET FEATURES

As explained on the previous pages and detailed below, M.T.H. train sets are loaded with features you won't find in other manufacturers' sets. The following list covers the general features and contents of our train sets. For a specific listing of each set's features and contents, visit our Web site at www.mthtrains.com.

SET CONTENTS

O Gauge RailKing Sets include:

- Locomotive
- 3-Car passenger or freight consist with metal trucks and couplers
- 31" x 51" 12-piece RealTrax™ oval
- Lighted track Lock-on with wire harness
- UL-approved 50-watt, 5 amp power supply
- DCS Explorer Track Interface Unit with WiFi*
- RailWare™ interactive DVD with track layout software

*Requires free M.T.H. DCS App and user-supplied Android smartphone or tablet or Apple iPhone or iPad.

LOCOMOTIVE FEATURES

O Gauge RailKing Proto-Sound 3.0 Steam Engines Feature:

- Die-cast metal boiler and chassis
- Flywheel-equipped motor
- Synchronized puffing Proto-Smoke™
- LED headlight
- All-metal wheels and gears
- Proto-Sound 3.0 sound and control system with locomotive speed control and crystal-clear digital sounds that include whistle, bell, steam chuff, Passenger or Freight Station Proto Effects™, crew conversations, and atmospheric sounds
- Remotely controlled Proto-Coupler™ on tender



O Gauge RailKing Proto-Sound 3.0 Diesel Engines Feature:

- Intricately detailed, durable ABS body
- Metal frame
- Die-cast metal pilots and trucks
- Twin flywheel-equipped motors
- LED headlight
- All-metal wheels and gears
- Operating Diesel Exhaust
- 2 remotely controlled Proto-Couplers
- Proto-Sound 3.0 sound and control system with locomotive speed control and crystal-clear digital sounds that include horn, bell, diesel motor, Passenger or Freight Station Proto-Effects, crew conversations, and atmospheric sounds.

ROLLING STOCK FEATURES

- Sprung, die-cast metal freight trucks with metal operating couplers
- Die-cast metal passenger trucks with metal operating couplers
- Intricately detailed, durable ABS bodies
- Passenger car interiors with overhead illumination
- Caboose interior lighting

Check online at www.mthtrains.com for specific features and contents of all sets.





SIMPLY THE BEST

DCS is **SIMPLE** to use.

It's **ACCESSIBLE** from any iOS or Android smart phone or tablet.

It can be **UPGRADED FOR FREE** over the Internet.

It can **DO MORE** for less money than other command control systems.

It's why you'll have **MORE FUN** operating your trains than ever before.

It can run over 8,000* Proto-Sound® 2.0 & 3.0 engines and every Lionel® TMCC®, EOB, or Legacy™ engine ever made — and run 99 of them at the same time, on the same track, independently, in command mode.

It can also **RUN ALL CONVENTIONAL AC LOCOMOTIVES** without the purchase of any additional hardware.

With the addition of an Accessory Interface Unit (AIU), it can **OPERATE ANY O SCALE ACCESSORY OR SWITCH**. It can **CREATE SCENES AND ROUTES** that are triggered with one push of a button.

* Number of different Proto-Sound 2.0 and 3.0 engines cataloged through the 2020 Ready-to-Run Catalog. While all Lionel TMCC features can be accessed by the DCS handheld remote, at present some Legacy features cannot be accessed by a DCS remote.



Optional DCS Handheld Controller

Learn More About It
Shop Online at
www.mthtrains.com

Command Control Explained

In conventional model train operation, an AC or DC transformer varies track voltage to adjust engine speed and direction. Command systems such as DCS, however, put a constant voltage on the track (around 18 volts for DCS) and vary speed by telling each engine how much of that voltage to use.

Unlike conventional control, command control allows different engines to do different things, even when they are on the same track — like run at different speeds, go in different directions, or make different

sounds. You can even combine several engines into a “lashup,” working together under a single throttle.

How it works: In the DCS system, commands such as speed, direction, and sound control are sent as radio signals from a smart device or handheld controller to a receiver, which translates those radio signals into digital information. That digital signal is sent through the rails and picked up only by the appropriate engine — telling it to go, for example, 37 miles per hour, blow the whistle, or smoke more heavily.



WAY TO RUN A RAILROAD™

M.T.H. Railroading App

With the DCS App, any Apple or Android smart device can run trains on your layout — and control switches and accessories too, with the Premium version of the App and an Accessory Interface Unit (AIU).

When friends visit, they can download any version of the App on their phone or tablet and run trains as well. Each visitor can run their own train.

Our App isn't limited to just DCS control either. With it, you can access special pages on the M.T.H. website, see the latest news and catalogs, and shop for M.T.H. products.

Adding App Control to Your Layout is Easy!

Check Out The Video: www.mthtrains.com/dcs2018

Try the App for Free, Upgrade for \$5 or \$25

Free Version

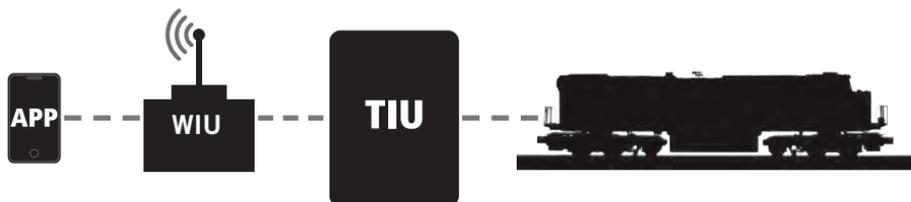
- Control up to 3 locomotives simultaneously
- Operate bell, whistle/horn and station sounds
- Activate couplers
- Control volume, smoke and headlights

Standard Version (\$5)

- Control up to 99 locomotives simultaneously
- Control all Free features
- Adjust engine-specific sounds and features
- Configure maximum speeds

Premium Version (\$25)

- Control all Free and Standard features
- Control switches and accessories with AIU
- Build lashups
- TMCC/Legacy control
- Conventional control



Choose from 3 DCS options

1. DCS Commanders: Get into DCS on a budget

Wireless infrared command control of one Proto-Sound 2.0 or later locomotive is simple when a DCS Remote Commander is added to an existing layout. Just plug your power supply into the DCS Remote Commander receiver and connect the output wires from the receiver to your track lockon.

The receiver can accept any power input (AC or DC) up to 20 volts and 8 amps. The infrared remote provides control for eight different functions — perfect for small and moderately sized layouts.



DCS Remote Commander Set
50-1033 \$59.95



Z-560 56 Watt DC
Power Supply
40-560 \$44.95



SIMPLY THE BEST

2. DCS Explorer

Use your smartphone or tablet to control your model railroad. Just connect the DCS Explorer to your track, plug in a separately sold power supply, download the free app and you're ready to run up to three Proto-Sound 2.0 or 3.0 locomotives on the same track at the same time! You'll have access to all the popular Proto-Sound features from any Android or iOS smartphone or tablet.

Once configured, you can run trains with as many smart devices as you want. Multiple operators can control the same trains at the same time. The Explorer operates in stand-alone WiFi or home network mode; no home WiFi system needed.



DCS Explorer
Track Interface Unit
50-1035 \$149.95
(included at no extra charge with every ready-to-run train set)

DCS Explorer Operating Features

Locomotive Features

- Speed and Direction Control
- Horn/Whistle
- Bell
- Front Coupler Activation (if equipped)
- Rear Coupler Activation
- Smoke On/Off (if equipped)
- Headlight On/Off
- Locomotive Sound Volume
- Sound Mute
- Passenger Station/Freight Yard Sounds
- Doppler Effect
- Locomotive Factory Reset

Additional Features

- Up to 100' range
- Easily and quickly switch between locomotives
- Fast bi-directional communication
- Auto-programming of locomotives, no engine IDs to remember

Control locomotive lights, sounds, action

Run multiple trains: Control up to 3 trains on the same track at the same time

Use multiple controllers: Operate with multiple Apple and Android smartphones and tablets at the same time

Invite your friends: With our free App and their own smart device, they can run trains with you

Choose from over 8,000 locomotives: Run any M.T.H. ProtoSound 2.0 or 3.0 engine ever built

Walk around: The DCS WiFi signal has up to 100' range, far greater than Bluetooth

Faster than Bluetooth: In addition to extended range, WiFi is much faster, allowing for seamless and fast switching between locomotives



FREE DCS APP

Operate the DCS Explorer with the free version of the DCS App



Check Out The Video:

www.mthtrains.com/50-1035

WAY TO RUN A RAILROAD

3. Full DCS Digital Command System

The full DCS Digital Command System is an all-encompassing network of components that brings true interactive wireless control to a model railroad. Users can choose between a walk-around wireless remote control or an intuitive app residing on their own smart device to run multiple tracks, hundreds of trains and control switches and accessories. Bi-directional communication between locomotives and the system's TIU Track Interface Unit makes adding and programming locomotives simple and easy. No more ID numbers to remember and no complex icons to decipher. It's fast, it's easy and it's fun!



DCS WiFi Module (WIU)
50-1034 \$179.95



DCS WiFi Remote Control System (TIU and WIU)
50-1036 \$369.95



DCS Remote Control - Handheld Unit
50-1038 \$169.95



DCS Track Interface Unit (TIU)
50-1003 \$229.95



DCS Accessory Interface Unit (AIU)
50-1004 \$119.95
Operates switches and accessories

- Proto-Sound Battery (8.4 volts) 50-1008 \$11.95
- AA NiCad Proto-Sound Battery 50-1024 \$11.95
- TIU/TMCC-Legacy 6' Connector Cable 50-1032 \$24.95
- Transformer/Barrel Jack Male Adapter Cable 50-1037 \$10.95
- 6' Mini-to-Mini Cable 50-1009 \$9.95
- 12-Port Terminal Block 50-1014 \$27.95
- 24-Port Terminal Block 50-1020 \$37.95
- Z-DC24 24-Watt Power Supply 50-240 \$17.95
- DCS WiFi Companion Digital Book - 2nd Edition 60-1411 \$14.95



RUN ANY AC POWERED TRAIN*

DCS is the only truly universal control system for AC model trains. It offers an all-in-one solution for running engines equipped with M.T.H. or Lionel command control alongside conventional AC-powered locomotives — even those from model railroading's earliest days!

DCS can run a classic Lionel locomotive on the same track at the same time as a modern Lionel TMCC or Legacy or M.T.H. Proto-Sound 2.0 or 3.0 command-control locomotive.

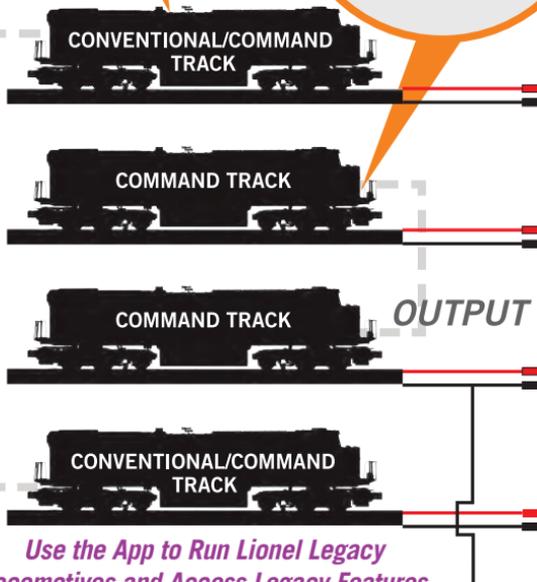
DCS can run modern Lionel locomotives equipped with TMCC or Legacy alongside M.T.H. Proto-Sound 2.0 or 3.0 locomotives — on the same track at the same time.

Unlike other command systems, DCS doesn't force you to choose between one company's command system and another. DCS allows you to operate all your trains — regardless of their control system — with the DCS App or the DCS Remote.

DCS even allows for **simultaneous control of Lionel engines with the Lionel command remote and DCS engines with the DCS remote or App** — on the same track at the same time!

User-controlled **variable voltage power** is output from the **2 Variable Channels** for controlling conventional AC-powered locomotives like original Proto-Sound models or older Lionel locomotives. These tracks can also control Proto-Sound 2.0 or 3.0 locomotives in command mode at the same time.

Constant voltage power is output from the **2 Fixed Channels** based on the power provided to the Input Channels. These tracks are for command-equipped trains (Proto-Sound 2.0 or 3.0, Lionel TMCC or Legacy).



Use the App to Run Lionel Legacy Locomotives and Access Legacy Features

LEGACY COMMAND BASE

SER2



6-14295 Lionel #990 Legacy Command Set



6-81499 Lionel LCS DB-9 Cable w/ Power Supply



6-81326 Lionel LCS Serial Converter 2 (SER2)

**Learn More
About DCS**
visit mthtrains.com/dcs

50-1034 M.T.H.
DCS WIU WiFi
Interface Unit



WIU

APP

USB Cable
(Included with
DCS WIU)



Any Input channel can be powered by a conventional AC transformer like the Z-4000 (item no. 40-4000)

TIU

POWER SUPPLY

INPUT

POWER SUPPLY

50-1037
DCS Transformer/
Barrel Jack Male
Adapter Cable



50-1032 M.T.H.
TIU/TMCC-Legacy
6' Connector
Cable



50-1003 M.T.H. DCS TIU
Track Interface Unit



Any Input channel can be powered by an AC power brick like the 40-1000A M.T.H. Z-1000 Power Supply

**Requires Premium App or
DCS Handheld Controller*

Pennsylvania *Eagle* 2-8-0 Steam Freight Set



Includes Everything You Need to Run Your Set with Your Smartphone or Tablet.



Pennsylvania - *Eagle* Steam Freight Set with Proto-Sound 3.0
30-4244-1 \$489.95



Pennsylvania - 3-Dome Tank Car
30-73571 \$59.95



Pennsylvania - Gondola Car w/Log Load
30-72220 \$59.95

In its heyday, the Pennsylvania Railroad was one of the largest transportation systems the world had ever seen. Over its 30,000 miles of track roamed thousands of locomotives and tens of thousands of cars, most of them designed by the railroad itself and many of them built in the road's own shops in Altoona, PA. The Pennsy's conquest of the Appalachian Mountains at Horseshoe Curve, just west of Altoona, was and still is a landmark of railroad engineering, carrying freight and passengers between the East and the Midwest.

Relive the glory days of the "Standard Railroad of the World" with this rugged, hard-working freight set, named after the Pennsy's *Eagle* freight service that crossed the Appalachians to connect eastern cities with Ohio and points west. With its huge plumes of puffing smoke, deep chuffing sound, and wailing whistle, it's easy to imagine you're battling your way across Horseshoe Curve to deliver goods to the nation's heartland.

For even more fun, add extra cars decorated for the Pennsylvania and other railroads. With its eight powerful drive wheels, this heavy, die-cast steam locomotive has plenty of power to pull them!



Southern Pacific Overnight

2-8-0 Steam Freight Set



Includes Everything You Need to Run Your Set with Your Smartphone or Tablet.



Southern Pacific - *Overnight* Steam Freight Set with Proto-Sound 3.0
30-4245-1 \$489.95



Southern Pacific - Gondola Car w/Log Load
30-72219 \$59.95



Southern Pacific - 3-Dome Tank Car
30-73570 \$59.95

The Southern Pacific and the state of California grew up together. Founded in 1865 by a group of San Francisco businessmen, the railroad eventually stretched over 13,000 miles, connecting the Golden State with Portland to the north and points as far east as New Orleans, Kansas City and Chicago. The Espee, as it was often called, was known for innovation and larger-than-life projects, from some of the earliest shipments of California fruit to the rest of the nation, to its *Daylight* passenger trains along the Pacific coastline and its crossings of some of our country's toughest mountain ranges.

Recreate the excitement of steam era railroading in the Southwest, with this freight set named after Southern Pacific's famed *Overnight* service. Long before FedEx existed, it provided overnight business deliveries between San Francisco and Los Angeles, carrying everything from groceries to replacement car engines.

Leading this set is a rugged, die-cast 2-8-0 steam locomotive with puffing smoke and chuff sounds synchronized to the drive wheels' revolutions; Proto-Speed Control for smooth and steady speeds from a crawl to full throttle; LED headlight to light up the night; and a full range of sounds, from wailing whistle and clanging bell to squealing brakes and crew conversations.

Amtrak Merchants Limited

F40PH Diesel Passenger Set



Includes Everything You Need to Run Your Set with Your Smartphone or Tablet.



Upon its creation in 1971, Amtrak inherited a motley collection of beat-up cars from the nation's former passenger carriers. With a mission to attract passengers back to train travel, one of Amtrak's first orders of business was to create a modern passenger fleet.

The first of nearly 650 new Amfleet cars was delivered in 1975, with a sleek, rounded body that looked more like an aircraft fuselage than a traditional passenger car. Amfleet cars gave passengers the feel of traveling in a modern jetliner — but with more room and better views.

At the same time, Amtrak introduced its F40PH passenger diesel, intended for commuter and medium-haul service as a complement to new long-haul locomotives. But when those larger engines proved trouble-prone, the 3000 hp F40PH stepped up as the little engine that could. It took over passenger runs from coast to coast and became the backbone of Amtrak's locomotive fleet for decades.

This set replicates the F40PH-powered Amfleet trains that were the first step in Amtrak's revival of the U.S. passenger train. Its Proto-Sound 3.0-equipped diesel features Proto-Speed control for smooth, steady speeds from a crawl to full throttle; operating diesel exhaust smoke; remote-controlled Proto-Couplers; and LED lighting.

Our F40PH also offers a full symphony of train sounds, from diesel motor to wailing horn, clanging bell, crew conversations and arrival and departure announcements for the *Merchants Limited* — which ran along the famous Shoreline route from Boston to New Haven, where the *Limited* switched to electric locomotives that would take it south to New York and Washington, DC.



Amtrak - F40PH Diesel Passenger Set with Proto-Sound 3.0
30-4246-1 \$479.95



Locomotive Features
Operating Diesel
Exhaust and Flashing
Ditch Lights



Amtrak - 2-Car Amfleet Coach/Cafe Set
30-6550 \$159.95



Cars Feature Detailed Interiors with Overhead Lighting

Union Pacific GP20 Freight Set



Includes Everything You Need to
Run Your Set with
Your Smartphone or Tablet.



Union Pacific - GP20 Diesel Freight Set with Proto-Sound 3.0
30-4250-1 \$479.95

Locomotives Include Operating Diesel Exhaust



Union Pacific - 3-Dome Tank Car
30-73569 \$59.95



Union Pacific - Gondola Car with Log Load
30-72218 \$59.95

Did You Know?

The Union Pacific is the largest railroad in North America, with more than 8,000 locomotives, 100,000 freight cars, and 32,000 miles of track in 23 states. Due to shared motive power agreements with other railroads, its famous Armour Yellow diesels can be spotted anywhere from Los Angeles to Boston.

The GP20 was a trendsetter, popularizing two features that would become virtually standard on American diesels: a low short hood that gave the engineer a wide panoramic view, and turbocharging.

Introduced by the Electro-Motive Division of General Motors in 1959, the GP20 was the first of EMD's hugely popular "Geeps" (GP, or "general purpose" diesels) to feature a low short hood in front of the cab as standard equipment. The high short hood of previous Geeps — with a lot of metal between the crew and any potential collision — had felt familiar and safe to engineers who only recently graduated from steam power, and were used to looking out past an engine's nose to see the track. The unobstructed view from the cab of the GP20, however, was not hard to get used to.

Turbocharging was a way to get more power output from the same size diesel motor. Fairly early in the history of internal combustion motors, designers found that increasing the pressure of the incoming air produced an increase in horsepower, sometimes as much as 50%. In the beginning, this was accomplished with a mechanical air compressor, or blower, geared to the motor — which, however, put an extra load on the motor.

Much later, someone thought to put a turbine in the exhaust pipe of an engine, and use exhaust gases to spin the turbine and power an air compressor, basically for free. What finally got EMD to try turbocharging on its diesels was a push from a major customer, the Union Pacific, which began experimenting with turbochargers in the mid-1950s.

Norfolk Southern

GP20 Freight Set



Includes Everything You Need to Run Your Set with Your Smartphone or Tablet.



Norfolk Southern - GP20 Diesel Freight Set with Proto-Sound 3.0
30-4249-1 \$479.95

A big incentive for the UP was that turbocharged diesels delivered their full horsepower at all altitudes, whereas regular diesels lost power as altitude increased — a big issue for a railroad that crossed several mountain ranges! So it was that, despite the additional mechanical complexity and wear-and-tear that turbocharging imposed, EMD introduced the GP20 and its six-axle turbocharged sibling, the SD24, in 1959, starting a new chapter in diesel history.

Our model of this landmark locomotive features twin motors and traction tires for pulling power to rival the prototype; full 1/48 O Scale dimensions; variable-intensity Proto-Smoke diesel exhaust; remote-controlled couplers; LED headlights; air horn, bell and freight yard sounds; and the throb of an EMD 16-cylinder model 567 diesel motor — so named because each of its cylinders displaced 567 cubic inches, more than an entire Corvette V-8.

Did You Know?

With its corporate symbol The Thoroughbred adorning 4,100 locomotives, the Norfolk Southern Railway is one of two Class 1 railroads that dominate rail transportation east of the Mississippi (the other being CSX Transportation). Formed in 1982 with the merger of the Southern and Norfolk & Western railroads, the NS serves 22 states and the District of Columbia, and includes trackage once plied by Conrail, Virginian, Wabash and Nickel Plate locomotives.



Norfolk Southern - Modern Tank Car
30-73500 \$64.95
(Hazmat Responders Training Car)



Norfolk Southern - 33K Gallon Tank Car
30-73499 \$64.95
(Hazmat Responders Training Car)



Norfolk Southern - 50' Double Door Plugged Boxcar
30-74874 Car No. 490411 \$59.95
30-74875 Car No. 490911 \$59.95
(Hazmat Responders Training Cars)

Halloween Train



Halloween - ES44AC Imperial Diesel & Caboose Set
With Proto-Sound 3.0
30-20756-1

\$449.95

**Includes Flashing Orange
Underbody Charging Lights**



If you've been a fan of our traditionally themed Halloween cars over the past 10 years, then this locomotive and caboose set is the perfect way to build your very own Halloween train. With its spooky sounds and variable-intensity exhaust smoke, this Imperial series diesel and its illuminated bay-window caboose make great bookends to your Halloween car collection — no matter whether you've got every car in the series or are just starting out.

Our near-scale model of General Electric's ES44AC diesel is a full 17" in length, yet oper-

ates comfortably on O-31 curves. Under the hood is the very same Proto-Sound 3.0 sound and control package found in our more expensive Premier model of this locomotive, with sounds recorded from the actual prototype. Imperial features include operating diesel exhaust smoke, flashing ditch lights, colorful charging lights running the length of the body, and unique Halloween sound effects. If you're looking for a locomotive to complement your holiday décor, and powerful enough to pull all of our traditional Halloween cars, it doesn't get any better than this. Turn down the lights and run your own Halloween Special!



Halloween - Operating Action Car
30-79601 \$84.95

Backlit Halloween figures glide past car windows



Halloween - Box Car w/Glowing LEDs
30-71018 \$79.95

Wolf's Eyes Glow!



Halloween - Box Car
30-71020 \$59.95



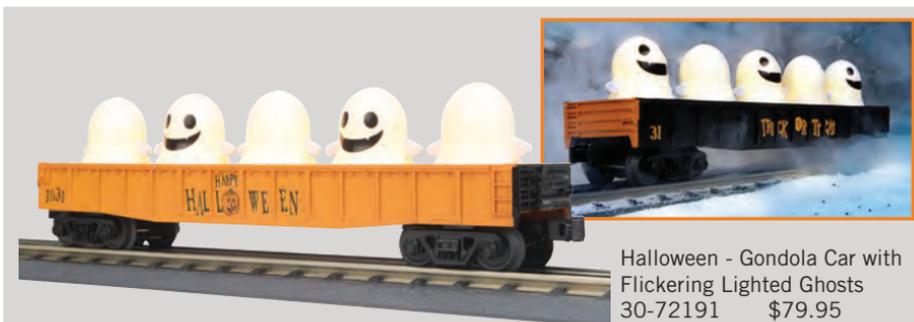
Halloween - Flat Car with 40' Trailer
30-76686 \$64.95

Halloween

Halloween -
Smoking Tank Car
30-73567 \$89.95



Halloween - Gondola Car with
Flickering Lighted Jack-O-Lanterns
30-72216 \$79.95



Halloween - Gondola Car with
Flickering Lighted Ghosts
30-72191 \$79.95

Halloween - Gondola Car with
Flickering Lighted Ghosts
30-72217 \$79.95





**LED
Candles
Flicker!**



Halloween (Orange) - Flat Car
with Headstones & Flickering
Lighted Candles
30-76785 \$79.95

**Each Car
Features
Four
Individually
Named
Gravestones**



Halloween (Black) - Flat Car
with Headstones & Flickering
Lighted Candles
30-76784 \$79.95



Halloween - 4-6-2 Crusader Steam Engine With Proto-Sound 3.0 and Halloween Sounds
30-1703-1 Cab No. 1031 \$459.95



Christmas ES44AC



Christmas - ES44AC Imperial Diesel & Caboose Set
With Proto-Sound 3.0
30-20757-1

\$449.95



Includes Flashing Red Underbody Charging Lights

If you've been a fan of our Christmas cars over the past ten years, then this locomotive and caboose are the perfect way to build your very own Christmas train. They'll make great book-ends for your Christmas car collection, whether you've got every car in the series or you're just starting out.

The General Electric ES44AC diesel and matching bay-window caboose are colorfully decorated to match the cars in the collection. Our near-scale Imperial series model of this environmentally friendly locomotive is a full 17" in length,

yet operates comfortably on O-31 curves. Under the hood is the very same Proto-Sound 3.0 sound and control package found in our more expensive Premier model of this locomotive, with sounds recorded from the actual prototype — and special Christmas sounds as well. Additional Imperial features include operating diesel exhaust smoke, flashing ditch lights, and colorful charging lights running the length of the body. If you're looking for a locomotive to complement your holiday decor and powerful enough to pull all of our Christmas-themed cars, it doesn't get any better than this!

Crossback Lights Flash!



Christmas - Box Car with Operating LEDs
30-71019 \$79.95



Christmas - Gondola Car w/LED Christmas Lights & Lighted Snowmen
30-72210 \$79.95

**Snowmen Light,
Blink and Change
Colors!**



Christmas - Gondola Car w/LED Christmas Lights & Lighted Snowmen
30-72211 \$79.95



Christmas - Gondola Car with LED Christmas Lights & Snowboarding Santas
30-72194 \$79.95

Christmas - Gondola Car with LED Christmas Lights & Snowboarding Santas
30-72195 \$79.95



Christmas

Christmas - Box Car
30-74964 \$59.95



Christmas - 4-Bay Hopper
30-75635 \$59.95

Christmas - Smoking Tank Car
30-73568 \$89.95



Christmas - Operating Box Car with Santa
30-79645 \$89.95

Door opens and Santa pops out waving lighted lantern, when activated by Operating Track Section 40-1008 (page 76) or similar



Christmas - Flat Car with
Lighted Christmas Trees
30-76821 \$79.95



Christmas - Flat Car with
Lighted Christmas Trees
30-76822 \$79.95



Christmas - Flat Car with
Lighted Christmas Trees
30-76823 \$79.95

Christmas



Christmas - Box Car with Power Meter
30-74965 \$79.95

Monitor track power with this car's illuminated AC voltage meter



Christmas - Flat Car with
40' Trailer
30-76779 \$64.95



Christmas - 4-8-2 L-3 Mohawk Steam Engine
30-1833-1 Cab No. 2500 \$479.95



Christmas - 60' Streamlined Coach w/LED Lights
30-68202 \$109.95



Christmas - 4-Car 60' Streamlined Passenger Set w/LED Lights
30-68200 \$399.95



Christmas - Flat Car with
40' Trailer
30-76820 \$69.95



Christmas - Box Car
30-71022 \$59.95



Christmas - 60' Streamlined Full-Length Vista Dome Car w/LED Lights
30-68203 \$114.95

Christmas - 2-Car 60' Streamlined Sleeper/Diner Set w/LED Lights (*not shown*)
30-68201 \$209.95



Christmas Dash 8 Diesels



Every year since 1999, the Canadian Pacific's Holiday Train has plied CP rails between Montreal and the Pacific coast, helping over a hundred towns and cities celebrate the season by supporting their local food bank. At each stop, a boxcar opens up to become the stage for a traveling band. Trailing passenger cars accommodate Santa and his helpers. Performances are free, but guests are asked to bring donations for the local community's food bank. In its first 20 seasons, the train has raised over \$14 million and 4 million pounds of food donations.

There are two sections of the Holiday Train, one traveling across southern Canada and the other visiting CP rails in the northern U.S. Our model represents the 2009 version, which ranged as

far south as Scranton, PA. For modelers farther south, we also offer a non-CP version to create your own expression of the holiday spirit.

Heading both trains is our twin-motored scale model of General Electric's Dash 8 diesel, featuring Proto-Speed control for smooth, steady speeds from a crawl to full throttle; remote-controlled Proto-Couplers; LED-Illuminated headlight, number boards, cab interior and holiday lights; variable-intensity ProtoSmoke diesel exhaust; and a full symphony of train sounds, from holiday arrival music to diesel sounds, wailing horn, clanging bell and crew conversations.



Christmas - 4-Car 50' Double Plugged Door Boxcar Set with LED Lights
30-70112 \$349.95



Canadian Pacific - 4-Car 50' Double Plugged Door Boxcar Set with LED Lights
30-70111 \$349.95



Christmas - Flat Car w/LED Lights, Santa Sleigh & Reindeer
30-76741 \$89.95

Glowing Red Nose!



Christmas - Dash 8 Diesel Engine with Proto-Sound 3.0 and LED Lights, Cab No. 2020
30-20759-1 \$419.95



Canadian Pacific - Dash 8 Diesel Engine with Proto-Sound 3.0 and LED Lights, Cab No. 9815
30-20760-1 \$419.95

Christmas



O
Gauge

Christmas (Traditional) - ES44AC Imperial Diesel
& Caboose Set With Proto-Sound 3.0
30-20758-1 \$449.95

**Includes Flashing Red
Underbody Charging Lights**



If you've been a fan of our traditionally themed Christmas cars, this locomotive and caboose are the perfect way to build your very own Christmas train. The locomotive and caboose make great bookends to your Christmas car collection, no matter whether you've got every car in the series or are just starting out.

The ES44AC and matching bay-window caboose are colorfully decorated to match most of the cars in the collection. Our near-scale model is a full 17" in length, yet operates comfortably on

O-31 curves. Under the hood is the very same Proto-Sound 3.0 sound and control package found in our more expensive Premier model of this locomotive, with sounds recorded from the actual prototype. Additional Imperial features include operating diesel exhaust smoke, flashing ditch lights, and colorful charging lights running the length of the body. If you're looking for a locomotive to complement your holiday decor and powerful enough to pull all of our traditional Christmas cars, it doesn't get any better than this!



Christmas - Box Car
30-71021 \$59.95



Christmas - 4-Car 50' Double Plugged Door Box Car Set with LED Lights
30-70113 \$349.95



Christmas (White) - Flat Car
w/Lighted Nativity Scene
30-76769 \$79.95



Christmas (White) - Flat Car w/Lighted Wise Men Scene
30-76789 \$79.95

Christmas (Green) - Flat Car w/Lighted Wise Men Scene
30-76788 \$79.95



Christmas (Green) - Flat Car w/Lighted Shepherd Scene
30-76786 \$79.95

Christmas (White) - Flat Car w/Lighted Shepherd Scene
30-76787 \$79.95



North Pole

Great additions to your
Polar Express collection

North Pole - Box Car
with Blinking LEDs
30-71033 \$79.95



North Pole - Box Car with
Power Meter
30-71032 \$69.95
*Monitor track power with
this car's illuminated AC
voltage meter*

North Pole - Operating Action Car
30-79648 \$84.95

**Backlit polar bears move
past car windows**



North Pole - Fire Car
30-79543 \$59.95



North Pole - 2-8-4 Imperial Berkshire Steam Engine
30-1835-1 Cab No. 1225 \$499.95



North Pole - 4-Car 60' Streamlined Passenger Set w/LED Lights
30-68204 \$399.95

North Pole - Flat Car with
Lighted Christmas Trees
30-76824 \$79.95



North Pole - Flat Car with
Lighted Christmas Trees
30-76825 \$79.95



North Pole - 314 Die-Cast Girder Bridge
30-12014 \$34.95
Measures: 10" x 4 1/2" x 1 3/4"



North Pole - Country Passenger Station
with Operating Christmas Lights
30-90587 \$89.95
Measures: 18 5/8" x 7 3/8" x 6 5/8"



North Pole - Trackside Yard Tower
30-90536 \$39.95
Measures: 4" x 4" x 7 1/2"



North Pole - Power Station
30-90535 \$34.95
Measures: 4 1/4" x 4 1/8" x 3 7/8"



North Pole - 60' Streamlined Coach w/
LED Lights
30-68206 \$109.95



North Pole - 60' Streamlined Full-Length
Vista Dome Car w/LED Lights
30-68207 \$114.95



North Pole - 2-Car 60' Streamlined Sleeper/Diner Set w/LED Lights (not shown)
30-68205 \$209.95

Christmas Accessories



Tan - Country House
with Operating Christmas Lights
30-90589 \$79.95
Measures: 9 5/8" x 5" x 7"



Red - O Steel Arch Bridge with Operating
Christmas Lights
40-1115 \$149.95
Measures: 32 1/8" x 4 5/8" x 14"



*Arch Bridge (40-1115)
shown with two optional
Girder Bridges (40-1116)*

Red - O Girder Bridge with Operating
Christmas Lights
40-1116 \$59.95
Measures: 12 3/8" x 4 5/8" x 9 1/16"



Main Street - Country Passenger
Station with Operating Christmas Lights
30-90610 \$89.95
Measures: 18 5/8" x 7 3/8" x 6 5/8"



Blue - Farm House with Operating
Christmas Lights
30-90590 \$79.95
Measures: 7 1/2" x 7 1/2" x 7"



Red - Country House
with Operating Christmas Lights
30-90588 \$79.95
Measures: 9 5/8" x 5" x 7"



Christmas Trees - Road Side Stand
with Operating Christmas Lights
30-90577 \$69.95
Measures: 8 1/2" x 5 7/16" x 4 1/4"



Gray with Red Shutters - Row House
#2 with Christmas LEDs
30-90573 \$64.95
Measures: 8 1/2" x 4 5/8" x 7"



Cream with Green Shutters -
Row House #2 with
Christmas LEDs
30-90572 \$64.95
Measures: 8 1/2" x 4 5/8" x 7"



Turquoise & White - Stainless Mobile
Home with LED Christmas Lights
30-90612 \$54.95
Measures: 7 1/8" x 2 3/8" x 2 3/4"



Salmon & White - Stainless Mobile
Home with LED Christmas Lights
30-90579 \$54.95
Measures: 7 1/8" x 2 3/8" x 2 3/4"

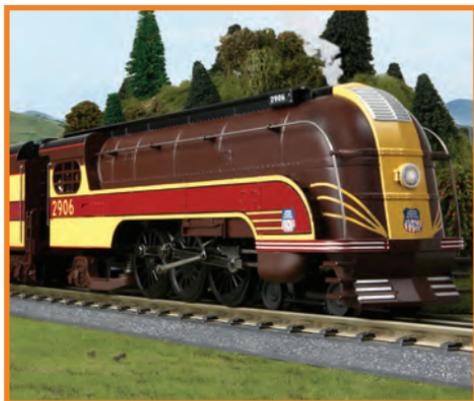


Green - Farm House with
Operating Christmas Lights
30-90591 \$79.95
Measures: 7 1/2" x 7 1/2" x 7"

RailKing Steam Locomotives

On the following pages you'll find a variety of exciting steam-era locomotives.

Our Forty-Niner series is based on a Union Pacific engine streamlined in 1937 to haul the UP's leg of the *Forty Niner*, a Chicago to San Francisco streamlined, all-Pullman train jointly operated by the Chicago & North Western, Union Pacific, and Southern Pacific Railroads. With valet and stewardess services as well as a shower and a barber shop, the *Forty-Niner* offered a way to travel west in style. Oddly, the UP painted the engine for its portion of the run in its own streamliner colors of Leaf Brown and Armour Yellow, with red striping — a beautiful paint scheme, but not at all a match for the gunmetal grey trainset the engines were designed to pull.



4-6-4 Commodore Hudson



Rexall - 4-6-4 Commodore Hudson
30-1740-1 Cab No. 2873 \$449.95

4-8-2 L-3 Mohawk



North Pole - 4-8-2 L-3 Mohawk Steam Engine
30-1834-1 Cab No. 2500 \$479.95



U.S. Army - 4-8-2 L-3 Mohawk Steam Engine
30-1831-1 Cab No. 506 \$479.95

4-6-2 Forty-Niner

IMPERIAL
SERIES



Union Pacific - 4-6-2 Forty-Niner Steam Engine
30-1704-1 Cab No. 2906 \$459.95

View matching passenger cars by entering an engine's item number in the Search box on mthtrains.com



Norfolk & Western - 4-6-2 Forty-Niner Steam Engine
30-1707-1 Cab No. 540 \$459.95



Southern Pacific - 4-6-2 Forty-Niner Steam Engine
30-1705-1 Cab No. 2492 \$459.95



Baltimore & Ohio - 4-6-2 Forty-Niner Steam Engine
30-1706-1 Cab No. 5321 \$459.95

All M.T.H. steamers feature variable-intensity synchronized puffing smoke



Lehigh Valley - 4-6-2 Forty-Niner Steam Engine
30-1708-1 Cab No. 2055 \$459.95



Kansas City Southern (Veteran's) - SD70ACE Imperial Diesel Engine With Proto-Sound 3.0
 30-20682-1 Cab No. 4006 \$369.95



EMD Demonstrator - SD70ACE Imperial Diesel Engine With Proto-Sound 3.0
 30-20510-1 Cab No. 1501 \$359.95



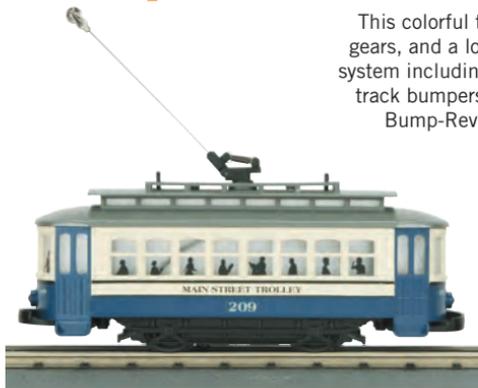
Union Pacific - Flat Car w/(1)
 Dodge WC54 Ambulance
 30-76742 \$69.95



Union Pacific (UP Spirit) - 60' Streamlined Baggage Car
 30-68039 \$79.95

Bump-n-Go Trolley

This colorful trolley features a lighted interior, metal wheels and gears, and a long-lasting motor. It operates on any O Gauge track system including the easy-to-assemble RealTrax® system. Optional track bumpers can be added to take advantage of the Automatic Bump-Reverse Mechanism (ABRM) that changes the trolley's direction when it hits a track bumper.



Main Street - Bump-n-Go Trolley
30-5191 \$79.95



City Lines - Bump-n-Go Trolley
30-5176 \$79.95



Market Street - Bump-n-Go Trolley
30-5141 \$79.95



**Trolley automatically
reverses when it
hits a bumper.**



Christmas -
Bump-n-Go Trolley
30-5146 \$79.95

Operating Hand Car

Christmas - Operating Hand Car
30-5183 \$79.95



Handcar automatically reverses
when it hits a bumper



Pennsylvania - Operating Hand Car
30-2574 \$79.95



The Great 2020 Election Race

Each handcar sports the RNC or DNC colors and includes hand-painted figurines of Uncle Sam and the party's nominee. Obviously the Republican nominee is our current president, complete with his famous hat. The DNC candidate will be modeled, molded and hand-painted as soon as he or she is determined in the summer of 2020.

RNC - Operating Hand Car
30-5189 \$79.95

Figures pump
up and down
as car moves
along the track



DNC - Operating Hand Car
30-5190 \$79.95

Operating Aquarium Car



Maine Blue Lobster Transport
Operating Action Car
30-79602 \$84.95

Watch the backlit sea creatures swim by the aquarium windows!

Alaska Sea Otters
Operating Action Car
30-79603 \$84.95



Smoking Tank Car

Chesapeake Blue Crabs -
Smoking Tank Car
30-73576 \$89.95



Fire Station Hot Sauce -
Smoking Tank Car
30-73577 \$89.95

Operating Box Car with Signal Man



Chesapeake & Ohio - Operating Box Car with Signal Man

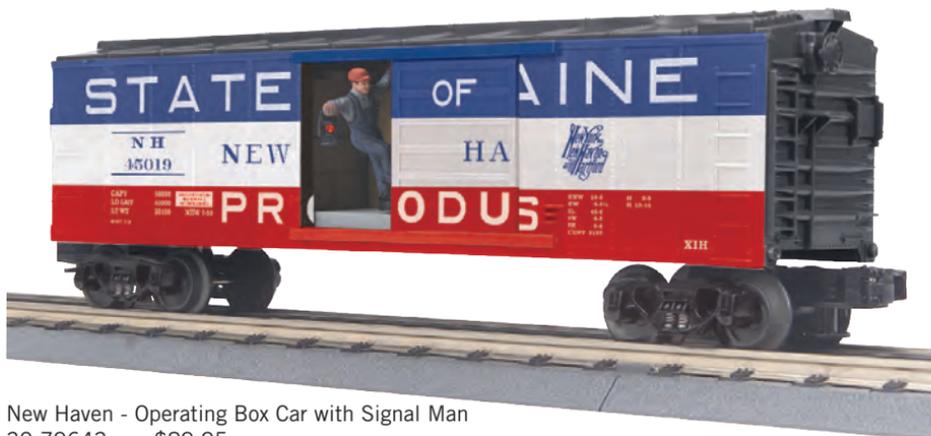
30-79646 \$89.95

Door opens and signal man pops out waving lighted lantern, when activated by Operating Track Section 40-1008 (page 76) or similar



Monon - Operating Box Car with Signal Man

30-79647 \$89.95



New Haven - Operating Box Car with Signal Man

30-79643 \$89.95

Box Car with Power Meter



Hoover Dam - Box Car w/Power Meter
30-71023 \$79.95

*Monitor track power with
this car's illuminated AC
voltage meter*



Glen Canyon Dam - Box Car w/Power Meter
30-71024 \$79.95

Flat Car with Vehicle Load

Illinois Central - Flat Car
w/(2) VW Buses
30-76678 \$64.95



Frisco - Auto Carrier Flat Car
w/(4) BMW 7-Series Sedans
30-76679 \$74.95

Box Car with Blinking LEDs



U.S. Army - Box Car with Blinking LEDs
30-74973 \$79.95

**Crossbuck
Lights Flash!**



Norfolk Southern - Box Car with Blinking LEDs
30-71025 \$79.95



Chicago & North Western - Box Car with
Blinking LEDs
30-71026 \$79.95



CSX - Box Car with Blinking LEDs
30-71027 \$79.95

Box Car



Union Pacific - Box Car
30-71028 \$64.95



Norfolk & Western - Box Car
30-71029 \$64.95



Nickel Plate Road - Box Car
30-71030 \$64.95



Southern Pacific - Box Car
30-71031 \$64.95

3-Dome Tank Car

Gold Seal Motor Oil -
3-Dome Tank Car
30-73572 \$59.95



Rocket Motor Oil -
3-Dome Tank Car
30-73573 \$59.95



Liberty Motor Oil -
3-Dome Tank Car
30-73574 \$59.95



All-American Motor Oil -
3-Dome Tank Car
30-73575 \$59.95



Gondola with Log Load



Boston & Maine - Gondola Car with Log Load
30-72221 \$59.95



Chessie - Gondola Car with Log Load
30-72222 \$59.95



Detroit Toledo & Ironton - Gondola Car with Log Load
30-72223 \$59.95



Monon - Gondola Car with Log Load
30-72224 \$59.95

Accessorize Your Layout!



See it in Action!

When you see this 🎥 icon, search for the item number on www.mthtrains.com to see a video of the item in action!

Create a miniature world for your railroad to serve with this wide variety of lighted RailTown™ buildings, operating accessories and O scale passengers and workers.



- Locomotive Wrapping Material
60-1001 \$29.95



- 7 oz. ProtoSmoke™ Fluid
 - 60-1045 Unscented \$16.95
 - 60-1046 Christmas \$16.95
- 2 oz. ProtoSmoke Fluid Assortment
60-1051 \$189.95
- 3 each of 12 Different Scents
- 2 oz. ProtoSmoke Fluid Bottles
 - 60-1051A Christmas \$5.49
 - 60-1051B Coal \$5.49
 - 60-1051C Diesel \$5.49
 - 60-1051D Wood Burning (Hickory) \$5.49
 - 60-1051E Coffee \$5.49
 - 60-1051G Vanilla \$5.49
 - 60-1051H Candy Cane \$5.49
 - 60-1051J Pipe Smoke \$5.49
 - 60-1051K Cinnamon Roll \$5.49
 - 60-1051L Apple Pie \$5.49
 - 60-1051M Unscented \$5.49
 - 60-1051N Lemon \$5.49

- Parts Maintenance Kit
60-1409 \$499.95



- Miscellaneous Accessories
- Traditional Accessories
- O Scale Accessories
O Scale accessories are realistic O Scale accessories, 1/48 of the actual item's size, while Traditional accessories are more toy-like in appearance and proportions.
- S Gauge Accessories

**Keep your
Trains Running
Their Best**

Accessories



- Rotary Beacon
30-90581 \$59.95
Measures: 5" x 5" x 11 1/4"

All-metal
construction

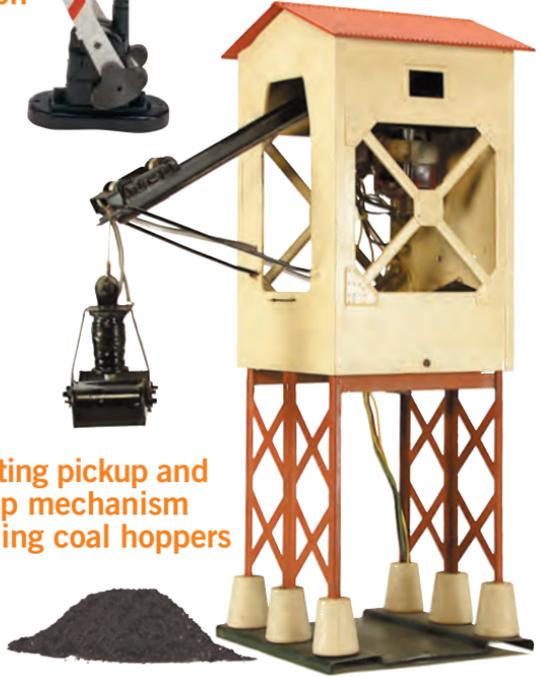


- #262 Crossing Gate/Signal
30-1073 \$59.95
Measures: 9" Tall



- #395 Floodlight Tower
30-90582 \$64.95
Measures: 5" x 5" x 11 1/4"

Operating pickup and
dump mechanism
for loading coal hoppers



- Operating Coal Tower
30-9158 \$169.95
Measures: 9 1/2" x 8" x 12"



- Long Island - 314 Die-Cast Girder Bridge
30-12012 \$34.95
Measures: 10" x 4 1/2" x 1 3/4"

- #46 Crossing Gate and Signal
30-11017 \$29.95
Measures: 9" x 3 1/2" x 5 3/4"



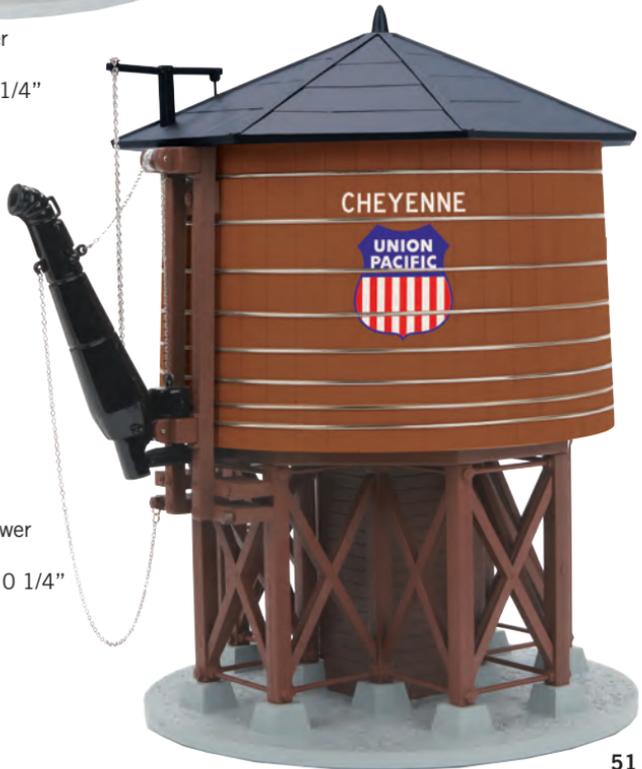
Now with
digital
sound



■ O Scale Water Column
30-11007 \$29.95
Measures: 6" Tall

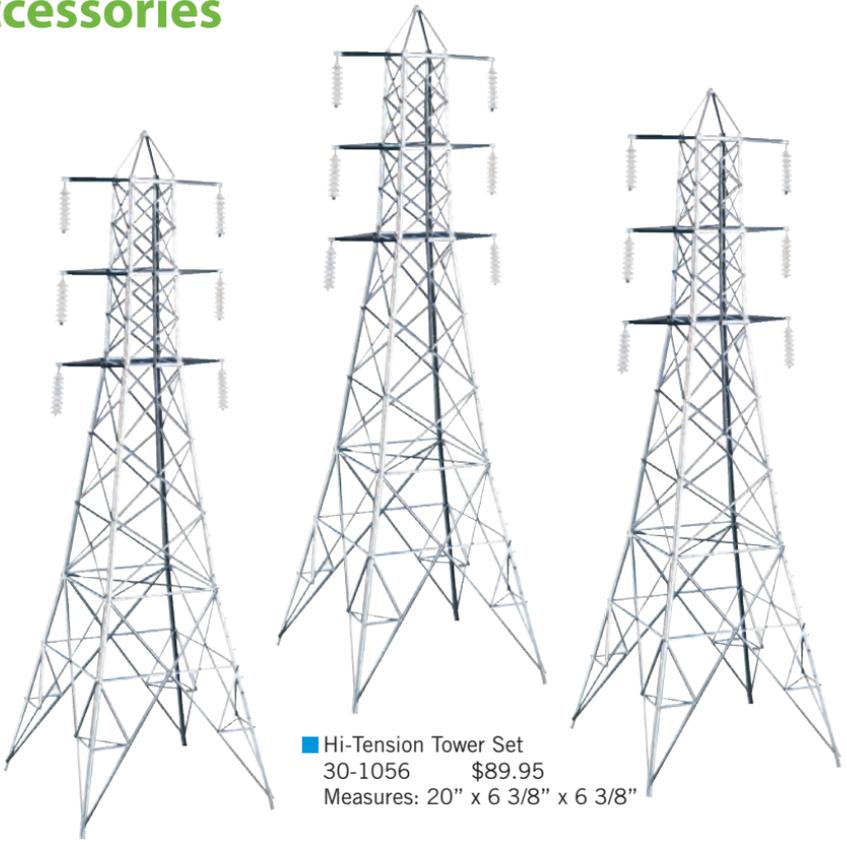
All-new
mechanism — water
spout lowers to "fill"
steam tenders

■ Operating O Scale Water Tower
30-11086 \$149.95
Measures: 7 1/2" x 11" x 10 1/4"



■ Union Pacific -
Operating O Scale Water Tower
30-11090 \$149.95
Measures: 7 1/2" x 11" x 10 1/4"

Accessories



■ Hi-Tension Tower Set
30-1056 \$89.95
Measures: 20" x 6 3/8" x 6 3/8"



■ 8-Piece Log Set
30-50008 \$14.95
Measures: 5" Long



■ 8-Piece Pipe Set
30-50023 \$11.95
Measures: 10" Long



■ 20' Tank Container Set (3)
20-95376 \$54.95
Each Container Measures 5" x 2 1/16" x 2 3/8"



■ Support Our Troops - Lighted Billboard
 30-90623 \$39.95
 Measures: 7 1/2" x 5 3/4" x 6"



■ Stop, Look, Listen - Lighted Billboard
 30-90584 \$39.95
 Measures: 7 1/2" x 5 3/4" x 6"



■ Go Subway - Lighted Billboard
 30-90583 \$39.95
 Measures: 7 1/2" x 5 3/4" x 6"



■ Dirty Hoe Garden Center - Lighted Billboard
 30-90621 \$39.95
 Measures: 7 1/2" x 5 3/4" x 6"
 See page 65 for matching Road Side Stand

■ 48' Container Set (3)
 20-95379 \$59.95
 Each Container Measures
 12" x 2 1/16" x 2 3/8"



■ 20' Container Set (3)
 20-95377 \$54.95
 Each Container Measures
 5" x 2 1/16" x 2 3/8"



■ 40' Container Set (3)
 20-95378 \$59.95
 Each Container Measures
 10" x 2 1/16" x 2 3/8"



Accessories



Philadelphia Fire
Department - Die-Cast
Fire Truck
30-50101 \$49.95



Cleveland Union Terminal
- Die-Cast Fire Truck
30-50103 \$49.95

Die-cast
metal



NYC Fire Department -
Die-Cast Fire Truck
30-50102 \$49.95



Braddock, Pennsylvania -
Die-Cast Fire Truck
30-50100 \$49.95

All Fire Trucks Measure:
6 1/4" x 2 1/8" x 1 7/8"



Greyhound (Oklahoma City) - Die-Cast Bus
30-50117 \$44.95



Greyhound (St. Louis) -
Die-Cast Bus
30-50115 \$44.95



Greyhound (Joplin) - Die-Cast Bus
30-50116 \$44.95
Measures: 8" x 1 15/16" x 2 1/8"



Greyhound (Amarillo) -
Die-Cast Bus
30-50118 \$44.95

- 4-Pack Motorcycle Set #1
30-11084 \$29.95
Each Bike Measures
Approximately 2" Long x 1" High

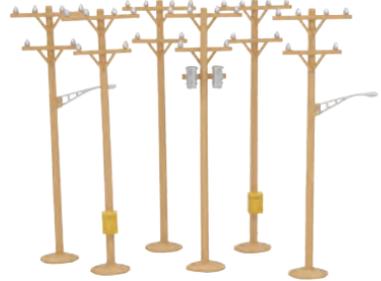
Die-cast metal



Add 5-Piece Motorcycle
Figure Set #1 (30-11091)



- Road Sign Set (2 Each)
30-1087 \$14.95
Measures: 2" Tall



- Telephone Pole Set (Tan)
30-1091 \$19.95
Measures: 5 3/4" Tall



- Telephone Pole Set
30-1088 \$19.95
Measures: 5 3/4" Tall



- "O" Lamp Set -
Gooseneck Street Light
30-11032 \$34.95
Measures: 3/4" x 3 7/8"



- Black - "O" Lamp Set - Hexagonal
30-1062 \$34.95
Measures: 4" Tall

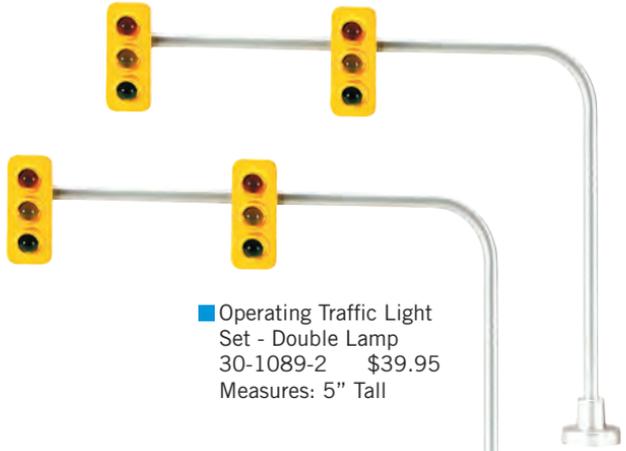
- "O" Lamp Set - Triple Park Light
30-11034 \$34.95
Measures: 3/4" x 4 7/16"

Signals



- "O" Operating Crossing Flasher Set with Sound
30-11014 \$69.95
Measures: 5 1/2" x 2 1/2" x 1"

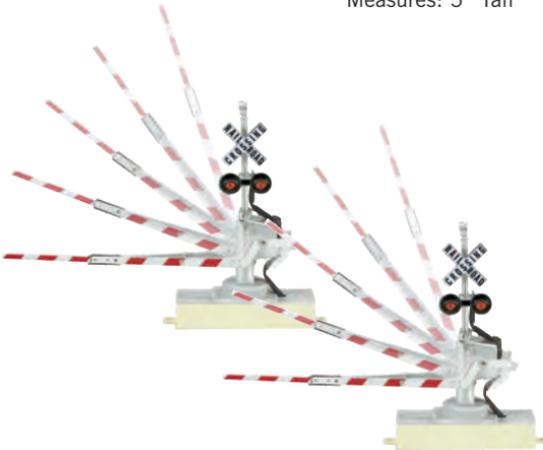
Have your trains activate these signals with a RealTrax® ITAD (p. 79) or ScaleTrax™ ITAD (p. 85)



- Operating Traffic Light Set - Double Lamp
30-1089-2 \$39.95
Measures: 5" Tall



- Operating Traffic Light Set - Single Lamp
30-1089-1 \$34.95
Measures: 5" Tall



- O Scale Operating Crossing Gate Signal Set
30-11012 \$89.95
Measures: 8 1/2" x 2" x 8"



- "O" Scale Modern Operating Crossing Signal
30-11006 \$69.95
Measures: 7" Tall



■ O Scale 3-Position Semaphore
30-11023 \$59.95
Measures: 7" Tall

Have your trains activate
these signals with a
RealTrax® ITAD (p. 79)
or
ScaleTrax™ ITAD (p. 85)



■ O Scale Cantilevered
Signal Bridge
30-11009 \$69.95
Measures:
8 1/2" x 2 1/2" x 6 1/2"
*Accepts 2 additional signal
lamps, item 30-11009A*

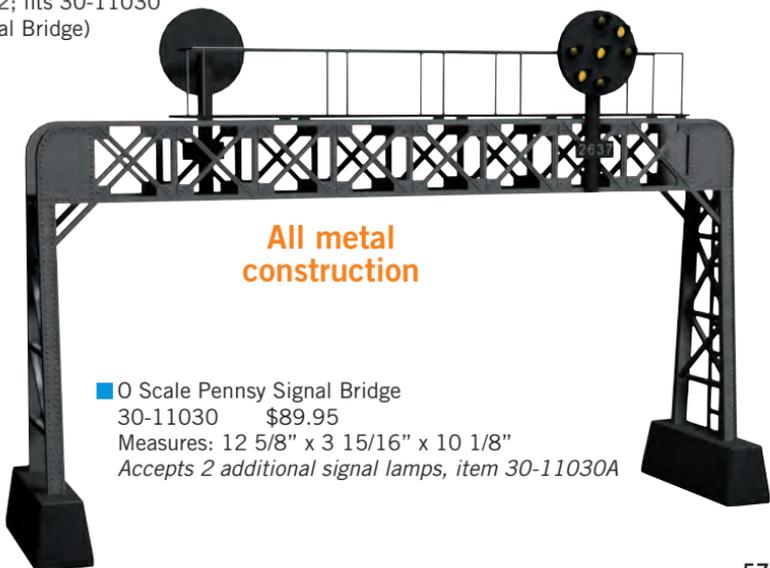


■ O Scale Vertical Signal lamps
30-11009A \$29.95
Measures: 1 1/4" Tall
*(package of 2; fits 30-11009
Cantilevered Signal Bridge)*



■ O Scale Position Light
Signal Lamps
30-11030-A \$29.95
Measures: 1 1/4" Tall
(package of 2; fits 30-11030
Penny Signal Bridge)

■ O Scale Vertical Signal
30-11036 \$59.95
Measures:
1 3/16" x 2 5/8" x 7 1/8"



**All metal
construction**

■ O Scale Penny Signal Bridge
30-11030 \$89.95
Measures: 12 5/8" x 3 15/16" x 10 1/8"
Accepts 2 additional signal lamps, item 30-11030A

Figures



■ Assortment 1 - 6-Piece Figure Set
30-11071 \$19.95



■ Assortment 2 - 6-Piece Figure Set
30-11072 \$19.95



■ Gas Station Attendants & Patron -
6-Piece Figure Set #1
30-11045 19.95



■ Fire Scene - 6-Piece Figure Set #8
30-11060 \$19.95



■ Outdoor People - 6-Piece Figure Set
30-11057 \$19.95



■ Assortment 1 - 6-Piece Figure Set #12
30-11074 \$19.95



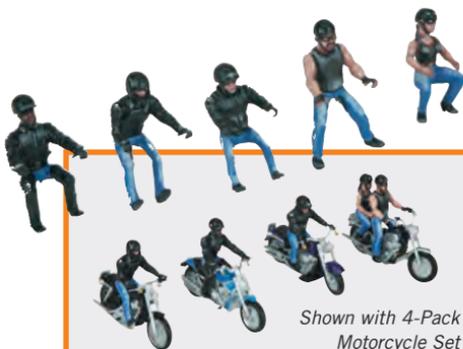
■ Bus Station Employees & Patrons -
6-Piece Figure Set #4
30-11048 19.95



■ Miners - 6-Piece Figure Set #6
30-11058 \$19.95



■ 8-Piece Locomotive Cab Figure Set
30-11064 \$29.95



■ 5-Piece Motorcycle Figure Set #1
30-11091 \$19.95

*Shown with 4-Pack
Motorcycle Set*



■ Passenger #3 - 12-Piece Figure Set
30-11067 \$29.95



■ Passenger Figures - 12-Piece Figure Set #1
30-11016 \$29.95



■ Passenger Figures - 12-Piece Figure Set #2
30-11029 \$29.95



■ Passenger #4 - 12-Piece Figure Set
30-11068 \$29.95



■ Undecorated -
120-Piece Passenger
Figure Set
30-11043 \$29.95



■ Christmas - 6-Piece Figure Set
30-11062 \$29.95



■ Railroad Workmen - 12-Piece Figure Set #3
30-11066 \$29.95

RailTown™ Animated Buildings



Cars drive up and park, while skaters come out and take orders



Mel's - Operating Drive-In Diner
30-9188 \$199.95
Measures: 21 5/8" x 9" 13 1/8"



Sunoco - Operating Gas Station
30-9195 \$179.95
Measures: 15" x 11" x 6 3/4"

Hear and watch
the bay door open,
the car start up
and pull out
for fill-up



Tidewater Oil Company -
Operating Gas Station
30-9197 \$179.95
Measures: 15" x 11" x 6 3/4"



Greyhound - Bus Station
 30-9040 \$149.95
 Measures: 16 1/2" x 18 3/4" x 9 1/2"

Sequentially lighted
 marquee sign and
 interior lighting



Engine Company 54 -
 Operating Firehouse
 30-9196 \$189.95
 Measures:
 16 5/8" x 15 3/8" x 12 3/8"

Fireman slides down pole,
 door opens and fire truck
 pulls out with siren blaring
 and dog barking

RailTown Buildings



Clemenza's Bakery - Single Story
Opposite Corner Store
30-90604 \$59.95
Measures: 10 3/8" x 8 3/8" x 6 1/4"

**Buildings feature
interior lighting**

**Sequentially
lighted marquee
sign and
interior lighting**



The Senator - Movie Theatre
30-9198 \$129.95
Measures: 16 1/2" x 18 3/4" x 9 1/2"

Single Stall Engine Shed
30-90423 \$99.95
Measures:
24" x 5 1/2" x 13 1/2"



Dual Stall Engine Shed
30-90425 \$129.95
Measures: 24" x 8 1/2" x 13 1/2"

**Buildings feature
interior lighting**



Main Street - Country Passenger Station
with Operating Christmas Lights
30-90610 \$89.95
Measures: 18 5/8" x 7 3/8" x 6 5/8"



RailTown - Country Passenger Station
with Operating Christmas Lights
30-90611 \$89.95
Measures: 18 5/8" x 7 3/8" x 6 5/8"



Springfield - Country Passenger Station
with Operating Christmas Lights
30-90586 \$89.95
Measures: 18 5/8" x 7 3/8" x 6 5/8"



Transylvania - Country Passenger Station
with Operating Halloween Lights
30-90622 \$89.95
Measures: 18 5/8" x 7 3/8" x 6 5/8"

RailTown Buildings



Dusty Red - 3-Story Town House #1
30-90598 \$49.95
Measures: 4 1/8" x 6 3/4" x 7 11/16"



Standing Gray - 3-Story Town House #1
30-90599 \$49.95
Measures: 4 1/8" x 6 3/4" x 7 11/16"



Building Tan - 3-Story Town House #2
30-90601 \$49.95
Measures: 4 1/8" x 6 3/4" x 7 11/16"



City Brick Red - 3-Story Town House #2
30-90600 \$49.95
Measures: 4 1/8" x 6 3/4" x 7 11/16"



Country Bingo Hall
30-90466 \$39.95
Measures: 9 1/4" x 6 1/8" x 5"

Christmas Trees - Road Side Stand
with Operating Christmas Lights
30-90577 \$69.95
Measures: 8 1/2" x 5 7/16" x 4 1/4"



Dirty Hoe Garden Center -
Road Side Stand
30-90537 \$54.95
Measures: 8 1/2" x 5 7/16" x 4 1/4"
See page 53 for matching Lighted Billboard



Fredo's Boat Rentals - Road Side Stand
30-90619 \$54.95
Measures: 8 1/2" x 5 7/16" x 4 1/4"



**Buildings feature
interior lighting**

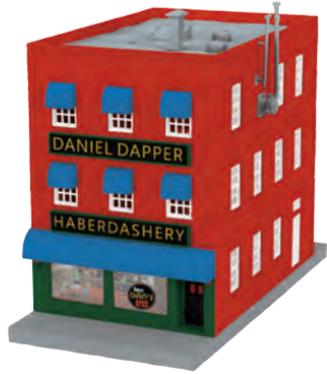
Buxom Melons - Road Side Stand
30-90620 \$54.95
Measures: 8 1/2" x 5 7/16" x 4 1/4"



Pumpkin Stand - Road Side Stand
with Operating Halloween Lights
30-90618 \$69.95
Measures: 8 1/2" x 5 7/16" x 4 1/4"



RailTown Buildings



Dapper Dan's Haberdashery - 3-Story City Building with Fire Escape & Blinking Sign
30-90567 \$79.95
Measures: 12 3/4" x 6 5/16" x 9 3/16"

The Codfather Fish House - 3-Story City Building with Fire Escape & Blinking Sign
30-90541 \$79.95
Measures: 12 3/4" x 6 5/16" x 9 3/16"

Features flashing window sign and interior lighting



Wok This Way Chinese Restaurant - 3-Story City Building with Fire Escape & Blinking Sign
30-90540 \$79.95
Measures: 12 3/4" x 6 5/16" x 9 3/16"



Detailed fire escape on rear



Sweet Dairy Aire - Ice Cream & Shakes - 3-Story City Building
30-90570 \$69.95
Measures: 8 1/4" x 10" x 10 1/8"



Frying Nemo Fish & Chips - 3-Story City Building
30-90571 \$69.95
Measures: 8 1/4" x 10" x 10 1/8"



Bada Bing Bail Bonds - 3-Story City Building 1
 30-90597 \$69.95
 Measures: 8 1/4" x 10" x 10 1/8"



Cook, Books & Hyde Tax Accountants
 3-Story City Building 1
 30-90596 \$69.95
 Measures: 8 1/4" x 10" x 10 1/8"

**Buildings
 feature
 interior
 lighting**



What Were You Inking
 Tattoo Removal - 3-Story
 City Building with Fire
 Escape & Blinking Sign
 30-90566 \$79.95
 Measures:
 12 3/4" x 6 5/16" x 9 3/16"



Greenville Hardware
 3-Story City Building 1
 30-90617 \$69.95
 Measures: 8 1/4" x 10" x 10 1/8"

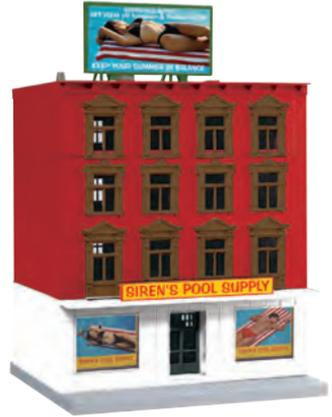


Madison General Store
 3-Story City Building 1
 30-90616 \$69.95
 Measures: 8 1/4" x 10" x 10 1/8"

RailTown Buildings



Old Line Flag Co - 4-Story Building
30-90606 \$69.95
Measures: 9 1/16" x 8 11/16" x 13 9/16"



Siren's Pool Supply - 4-Story Building
30-90607 \$69.95
Measures: 9 1/16" x 8 11/16" x 13 9/16"



The Omni - 5-Story Hotel
30-90595 \$79.95
Measures:
12 3/4" X 6 5/16" X 13 1/2"



The Plaza - 5-Story Hotel
30-90594 \$79.95
Measures: 12 3/4" X 6 5/16" X 13 1/2"

**Buildings feature
interior lighting**

Save your pennies!



Bank with Coin Slot
30-90550 \$89.95
Measures: 17 15/16" x 9 1/2" x 9 1/8"



Gray & Black - Police Station
30-9099 \$89.95
Measures: 13 1/4" x 8 3/8" x 10"



Brown & Black -
Elevated Gate Tower
30-9097 \$29.95
Measures:
3 1/2" x 2 1/2" x 5 3/4"



Mainline - Switch Tower
30-90613 \$59.95
Measures: 6 1/8" x 10 1/2" x 9"



Railtown - Switch Tower
30-90614 \$59.95
Measures: 6 1/8" x 10 1/2" x 9"

**Features lighted interior with
desk and switch control levers**

RailTown Buildings

Operating Freight Platform
30-9199 \$69.95
Measures: 9 3/4" x 3 1/2" x 3 3/4"

Freight disappears
when train departs



Elevated Station Platform
30-90027 \$34.95
Measures: 13 1/2" x 5 1/2" x 4"



Gray with Green Roof - Passenger Station Platform
30-90315 \$24.95
Measures: 10" x 3 1/2" x 4"



Dark Red Brick - Passenger Station with Dual Platforms
30-90094 \$109.95
Measures: 39" x 10 1/2" x 8 1/2"



Broken Spoke Saloon - Barn
30-90602 \$79.95
Measures: 16 1/2" x 18 3/4" x 9 1/2"

Buildings feature interior lighting



Red & Brown - Barn
30-90502 \$79.95
Measures: 16 1/2" x 18 3/4" x 9 1/2"



Freight Transfer Warehouse
30-90605 \$69.95
Measures: 13 3/16" x 8 3/4" x 6 3/16"



North Pole - Trackside
Yard Tower
30-90536 \$39.95
Measures: 4" x 4" x 7 1/2"



Gray Stone - Granary
30-90188 \$69.95
Measures: 10 1/4" x 7" x 11 1/8"

RailTown Buildings



Florist Gump - 2-Story Store Front Building
30-90575 \$64.95
Measures: 6 1/2" x 8" x 8 5/8"



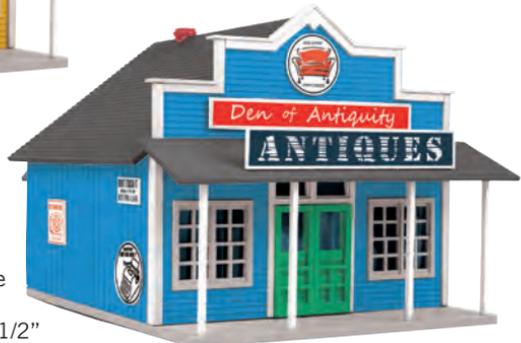
North Pole - Power Station
30-90535 \$34.95
Measures: 4 1/4" x 4 1/8" x 3 7/8"



Commodore Hotel - 2-Story Hotel Building
30-90574 \$64.95
Measures: 6 1/2" x 8" x 8 5/8"



Sal's Hoagies - Country Store
30-90564 \$64.95
Measures: 8 7/8" x 5 1/8" x 5 1/2"



Den of Antiquity - Country Store
30-90565 \$64.95
Measures: 8 7/8" x 5 1/8" x 5 1/2"

Tan - #6 Farm House
30-90608 \$49.95
Measures: 7 1/2" x 7 1/2" x 7"



Blue - #6 Farm House
30-90609 \$49.95
Measures: 7 1/2" x 7 1/2" x 7"



**Buildings feature
interior lighting**



Green - #6 Farm House with Operating
LED Christmas Lights
30-90591 \$79.95
Measures: 7 1/2" x 7 1/2" x 7"



Blue - #6 Farm House with Operating
LED Christmas Lights
30-90590 \$79.95
Measures: 7 1/2" x 7 1/2" x 7"



Cream with Green Shutters -
Row House #2 with Christmas LEDs
30-90572 \$64.95
Measures: 8 1/2" x 4 5/8" x 7"

Red with Gray Shutters -
Row House #2 with
Christmas LEDs
30-90573 \$64.95
Measures:
8 1/2" x 4 5/8" x 7"



RailTown Buildings



Red - #4 Country House
with Operating LED Christmas Lights
30-90588 \$79.95
Measures: 9 5/8" x 5" x 7"



Blue & White -
Telephone Shanty
30-90002 \$12.95
Measures:
2" x 1 5/16" x 2 11/16"



Gray & White - Outhouse
30-90001 \$12.95
Measures:
1 3/16" x 1 5/16" x 2 7/16"



Tan - #4 Country House
with Operating LED Christmas Lights
30-90589 \$79.95
Measures: 9 5/8" x 5" x 7"



Stainless - Stainless Mobile Home
30-90530 \$29.95
Measures: 7 1/8" x 2 3/8" x 2 3/4"



Salmon & White - Stainless Mobile Home
with LED Christmas Lights
30-90579 \$54.95
Measures: 7 1/8" x 2 3/8" x 2 3/4"



Turquoise & White - Stainless Mobile
Home with LED Christmas Lights
30-90612 \$54.95
Measures: 7 1/8" x 2 3/8" x 2 3/4"

Trucks and Couplers

3-Rail



RailKing 3-Rail Bettendorf Freight Car Two-Truck Pack
30-89001 \$19.95
RailKing 3-Rail Roller Bearing Freight Car Two-Truck Pack
30-89002 \$19.95

Premier 3-Rail Bettendorf Freight Car Two-Truck Pack
20-89003 \$24.95
Premier 3-Rail Roller Bearing Freight Car Two-Truck Pack
20-89004 \$24.95

3-Rail Die-Cast Weaver Bettendorf Freight Car Two Truck Pack
20-89022 \$29.95
3-Rail Die-Cast Weaver Roller Bearing Freight Car Two Truck Pack
20-89023 \$29.95

Premier 2-Rail



2-Rail Bettendorf Freight Car Two-Truck Pack
20-89001 \$24.95
2-Rail Roller Bearing Freight Car Two-Truck Pack
20-89002 \$24.95
2-Rail Lightweight Passenger Car Two-Truck Pack
20-89007 \$29.95



2-Rail Heavyweight Passenger Car Two-Truck Pack
20-89014 \$29.95
2-Rail Bettendorf Caboose Two-Truck Pack
20-89015 \$24.95
2-Rail Roller Bearing Caboose Two-Truck Pack
20-89016 \$24.95
2-Rail CA-1 Caboose 2-Truck Pack
20-89017 \$29.95
2-Rail 64' Woodsided Passenger Car Two-Truck Pack
20-89012 \$29.95

Proto-Scale 3-2™ 4-Wheel Truck Scale Wheel Set
20-89005 \$39.95
Proto-Scale 3-2 6-Wheel Truck Scale Wheel Set
20-89006 \$59.95

Proto-Scale 3-2 4-Wheel Truck Hi-Rail Wheel Set
20-89008 \$39.95
Proto-Scale 3-2 6-Wheel Truck Hi-Rail Wheel Set
20-89009 \$59.95



End-Of-Train-Device Roller Bearing Freight Truck

White End-of-Train-Device Roller Bearing Freight Truck
20-89013 \$24.95
Yellow End-of-Train-Device Roller Bearing Freight Truck
20-89010 \$24.95



Proto-Sound 3.0 6-Pin Wireless Drawbar Set 1
20-89020 \$29.95
Proto-Sound 3.0 6-Pin Wireless Drawbar Set 2
20-89021 \$29.95

Flashing Red LED

O Gauge RealTrax®

Rugged - Realistic - Reliable

At M.T.H. we believe a track system should allow your model railroad empire to grow. The RealTrax system includes 72 different components for maximum expansion capabilities. You'll find bridges, curves of all sizes, elevated and graduated trestles, crossovers, and every straight and curved configuration you'll need to create your own model railroad empire. And every piece of RealTrax is rugged, realistic, and reliable so you can have fun running your trains.



Rugged

Because most toy train empires begin on a carpet or floor, RealTrax is designed to hold up to the rigors of childhood play. Strong snap-together connections make it easy to assemble or change a layout in minutes. And the built-in roadbed helps keep dirt on the floor away from the wheels and gears of your trains.



Realistic

With its realistic cross-ties and ballasted roadbed, RealTrax looks like the mainline track used by heavy freights and high-speed passenger trains. Unlike older O gauge track with a round cross section, RealTrax uses flat-top "T"-rail like a real railroad.

Reliable

Nickel silver rail ensures that RealTrax will never rust. Spring-loaded phosphor bronze contacts provide superior electrical connections between track sections. The contacts are spring loaded to maintain a solid connection over time and are highly resistant to corrosion of any kind.

RealTrax switches feature the same durable construction as regular RealTrax sections and utilize long-lasting switch motors that provide precise throws every time. The reversible motor mechanism quickly snaps onto the other side of the switch if space is a problem. No disassembly of the switch is required!

Lighted switch controllers allow you to throw a switch remotely from a distance, and lights on the controller indicate which direction the switch is thrown — green for straight and red for curved.



REALTRAX®
BY M.T.H. - THE MODEL TRAIN EXPERTS

IT TAKES **EIGHT 0-31 CURVES** TO MAKE A CIRCLE.
IT TAKES **TWELVE 0-42 CURVES** TO MAKE A CIRCLE.
IT TAKES **TWELVE 0-54 CURVES** TO MAKE A CIRCLE.
IT TAKES **SIXTEEN 0-72 CURVES** TO MAKE A CIRCLE.
IT TAKES **SIXTEEN 0-82 CURVES** TO MAKE A CIRCLE.

RealTrax - 10" Ground Track
40-1068-2 \$11.99



RealTrax - 10" Straight Track Section
40-1001 \$5.39

RealTrax -
5.5" Track Section
40-1012 \$4.69

RealTrax -
5.0" Track Section
40-1016 \$4.69

RealTrax -
4.25" Track Section
40-1017 \$4.69

RealTrax -
3.5" Track Section
40-1018 \$4.69

Crossover & Operating Sections

RealTrax -
90° Crossover Track
40-1006 \$24.95

RealTrax -
45° Crossover Track
40-1007 \$24.95

RealTrax -
Operating Track Section
40-1008 \$34.95
(activates M.T.H., Lionel and other brands of operating cars)



RealTrax - Adapter Track Section
40-1011 \$8.99



RealTrax - 5" Insulated Straight Track Section Set
40-1029 \$10.99



Tubular Track Not Included



RealTrax - 30" Straight Track Section
40-1019 \$14.99



RealTrax -
O-31 Half Curve Track
40-1022 \$4.69



RealTrax -
O-42 Half Curve Track
40-1045 \$4.99



RealTrax -
O-54 Half Curve Track
40-1057 \$5.49



RealTrax -
O-72 Half Curve
Track Section
40-1049 \$5.99



RealTrax -
O-31 Curved Track Section
40-1002 \$5.39



RealTrax -
O-42 Curved Track Section
40-1042 \$5.99



RealTrax -
O-54 Curved Track Section
40-1054 \$6.49



RealTrax - O-72 Curved Track Section
40-1010 \$7.29

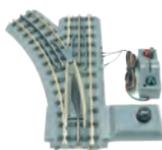


RealTrax - O-82 Curved Track Section
40-1082 \$7.49

Switches



RealTrax -
O-31 Switch (RH)
40-1004 \$89.95



RealTrax -
O-31 Switch (LH)
40-1005 \$89.95



RealTrax -
O-42 Switch (RH)
40-1043 \$94.95



RealTrax -
O-42 Switch (LH)
40-1044 \$94.95



RealTrax -
O-54 Switch (RH)
40-1055 \$99.95



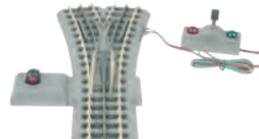
RealTrax -
O-54 Switch (LH)
40-1056 \$99.95



RealTrax -
O-72 Switch (RH)
40-1020 \$99.95



RealTrax -
O-72 Switch (LH)
40-1021 \$99.95



RealTrax -
O-72 Wye Switch
40-1068 \$99.95

O Gauge RealTrax®



O Girder Bridge with Operating White Lights - Silver
40-1118 \$59.95



O Steel Arch Bridge with Operating White Lights - Silver
40-1117 \$149.95

***Bridges now compatible with Lionel® FasTrack®**

O Girder Bridge - Rust
40-1104 \$39.95

O Girder Bridge - Silver
40-1102 \$39.95

O Girder Bridge - Black
40-1106 \$39.95

Measures: 12 3/8" x 4 5/8" x 9 1/16"

O 2-Track Girder Bridge - Rust
40-1110 \$44.95

O 2-Track Girder Bridge - Silver
40-1108 \$44.95

O 2-Track Girder Bridge - Black
40-1112 \$44.95

Measures: 12 3/8" x 9 3/16" x 9 1/16"



O 2-Track Steel Arch Bridge - Rust
40-1109 \$129.95

O 2-Track Steel Arch Bridge - Silver
40-1107 \$129.95

O 2-Track Steel Arch Bridge - Black
40-1111 \$129.95

Measures: 32 1/8" x 9 3/16" x 14"



O Steel Arch Bridge - Rust
40-1103 \$89.95

O Steel Arch Bridge - Silver
40-1101 \$89.95

O Steel Arch Bridge - Black
40-1105 \$89.95

Measures: 32 1/8" x 4 5/8" x 14"

Includes Flashing Bridge Beacon



Under Bridge Clearance 5 3/4"

O Subway Trestle Bridge
40-1148 \$34.95

Measures: 12 3/8" x 7 3/16" x 9 1/16"



Tunnel Portal - Double Track
40-9015 \$19.95



Tunnel Portal - Single Track
40-9014 \$14.95



RealTrax - 8-Piece Elevated Trestle System
40-1034 \$39.95

RealTrax - 8-Piece Elevated Trestle System
For Lionel FasTrack
40-1134 \$39.95

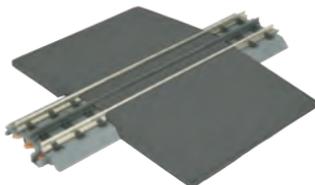


8 Piece Elevated Subway Trestle Set
40-1047 \$39.95
8 Piece Elevated Subway Trestle Set For
Lionel® FasTrack®
40-1157 \$39.95



RealTrax - 24-Piece Graduated Trestle System
40-1033 \$69.95

RealTrax - 24-Piece Graduated Trestle System
For Lionel FasTrack
40-1113 \$69.95



RealTrax - Grade Crossing
40-1009 \$9.95



RealTrax - Lighted Lockon
40-1003 \$7.49



RealTrax -
Track Clips (24)
40-1041 \$7.95



RealTrax - Non-Slip
Track Pads (50/pack)
40-1046 \$7.95



RealTrax -
Lighted Bumper
40-1024 \$14.95



RealTrax - Track Activation
Device (I.T.A.D.)
40-1028 \$29.95

Layout Builders

RealTrax - Figure 8 Layout Builder
Requires (4) O-31 Curves, (4) 10" Straights,
(1) Lighted Lockon, (1) 90 Degree Crossover



RealTrax - Right Hand Track Siding Layout Builder
Requires (1) Right-Hand O-31 Switch, (4) 10" Straights,
(1) O-31 Curve, (1) RealTrax Bumper



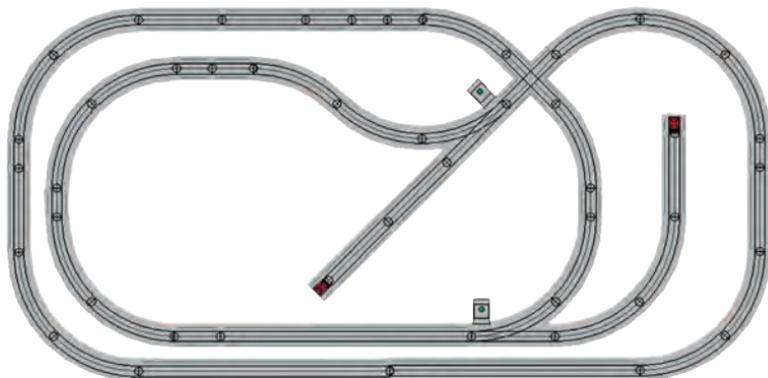
RealTrax - Left Hand Track Siding Layout Builder
Requires (1) Left-Hand O-31 Switch, (4) 10" Straights, (1) O-31
Curve, (1) RealTrax Bumper



RealTrax O-72 Wye Switch Spur
Layout Builder
Requires (1) O-72 Wye Switch, (6) 10" Straights,
(2) Lighted Bumpers, (2) O-72 Half Curves

RealTrax® Layouts

TWICE AROUND 4x8 FEET



One way of making your layout seem bigger is to have a train make two trips around the table before it gets back to the starting point. This track plan does just that. It also includes a couple of sidings for you to pick up and drop off cars. If you have more room and can put in more straight track, this plan can become very realistic.

TRACK REQUIRED

- (4) MTH 40-1018 3.5 in straight
- (20) MTH 40-1002 0-31 curve
- (3) MTH 40-1019 30 in straight
- (7) MTH 40-1001 10 inch straight
- (1) MTH 40-1006 90° cross
- (3) MTH 40-1017 4.25 in straight
- (2) MTH 40-1012 5.5 inch half straight
- (1) MTH 40-1005 O31 lefthand switch
- (1) MTH 40-1004 O31 righthand switch
- (1) MTH 40-1016 5.0 in straight
- (2) MTH 40-1024 track bumper

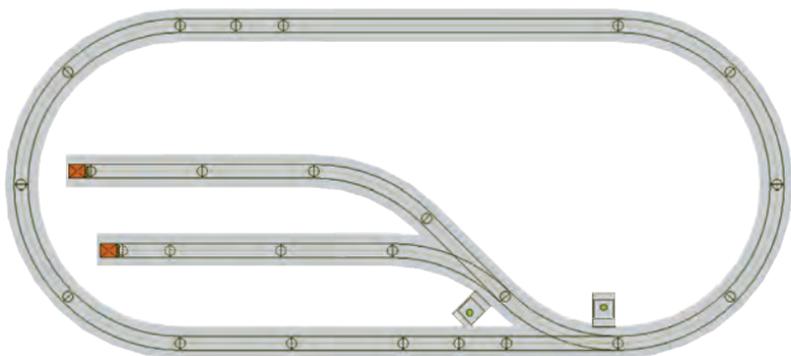
THE SCENIC ROUTE

The style of scenery you want will also determine the shape of your layout. Mountains and bridges will require more up and down space than fields and forests. A desert will make a big open, flat area, that may require a mountain to hide the other end of the track. Cities can look great and provide a real contrast with rural scenery, but buildings do take up considerable space. Tracks move differently through different kinds of terrain, with a mountain logging railroad having a very different track plan from the Union Pacific roaring across the Nebraska cornfields.

TRAIN TIME

Tracks were also used differently at varying points in history. If you are modeling the 1850s, there won't be much call for double-track mainlines or complex switchyards. On the other hand, if you are modeling today's high-speed container trains, complex yards and multi-track should be the rule.

ACTION IN 3x6 FEET



Here's a layout small enough to fit in a bedroom, yet still big enough to give you the fun of real railroading. The track plan is basically a loop, but the small yard enables you to have passengers and switching operations, in addition to continuous running trains. With detailed scenery, this layout makes a pleasing and enjoyable railroad for the modeler with limited space.

TRACK REQUIRED

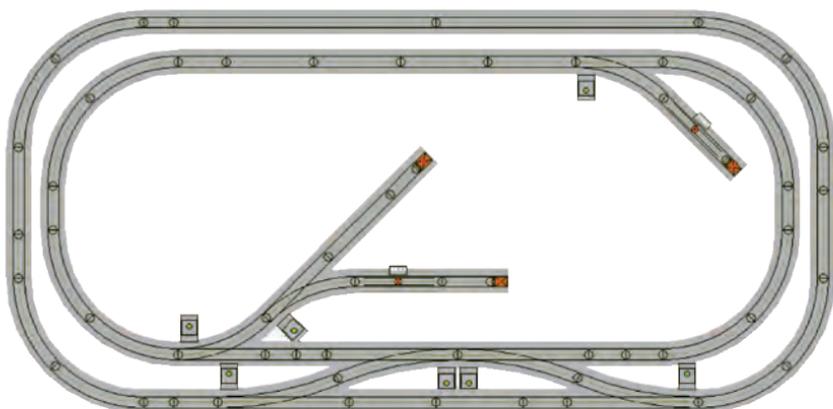
- (9) MTH 40-1002 0-31 curve
- (1) MTH 40-1019 30 in straight
- (3) MTH 40-1017 4.25 in straight
- (2) MTH 40-1016 5.0 in straight
- (1) MTH 40-1004 031 righthand switch
- (1) MTH 40-1005 031 lefthand switch
- (6) MTH 40-1001 10 inch straight
- (2) MTH 40-1024 track bumper

SPACE

The most important limitation most railroads encounter is space. Does the house have a spare room, basement, or attic? These are by far the most popular places for model railroads, because they use space that nobody else in the house wants. That means the railroad can be set up permanently, with appropriate lighting, backgrounds, seating, and even a little workbench for assembling buildings, painting cars and so on. If you are lucky to have such a space available, get a tape measure and plot out how large the room is. The size and shape of the room will help define your railroad.



DOUBLE TRACK IN 4x8 FEET



This layout strikes a nice balance between action and scenery. Create a contrast between town and country by using scenic separation to stretch the 4x8 feet into a whole countryside. Your town might have an attractive station (complete with street clock and American flag) and a coal loader, as well as a water tank for your engines. Add a lake and a farm on the opposite shore, with a siding for picking up milk cans in the morning and unloading empties in the evening. And with two tracks, you can run two trains at a time, ensuring constant movement.

SHAPE

Often, instead of getting an entire room or basement to itself, a railroad can acquire several small adjoining areas, spread across one or more rooms. Perhaps the main line will fill the corner of the basement rumpus room, with storage yard tracks running through a tunnel in the wall and onto a shelf over the washer and dryer. Perhaps the line can fill shelves along two walls of a room.

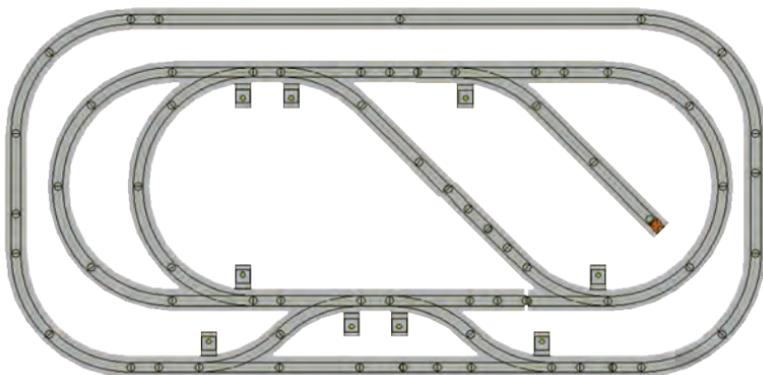
These kinds of limitations can radically change the track plan of your railroad. In addition, these sorts of small intrusions into other space can provide areas of expansion for a more conventional train table line that needs room to grow.

TRACK REQUIRED

- (16) MTH 40-1002 0-31 curve
- (1) MTH 40-1005 031 lefthand switch
- (2) MTH 40-1004 031 righthand switch
- (4) MTH 40-1018 3.5 in straight
- (9) MTH 40-1001 10 inch straight
- (2) MTH 40-1012 5.5 inch half straight
- (3) MTH 40-1017 4.25 in straight
- (6) MTH 40-1016 5.0 in straight
- (2) MTH 40-1019 30 in straight
- (2) MTH 40-1020 072 righthand switch
- (2) MTH 40-1021 072 lefthand switch
- (3) MTH 40-1024 track bumper
- (2) MTH 40-1008 uncoupling track
- (2) MTH 40-1014 10 inch girder bridge



MAX ACTION IN 4x8 FEET



Just as the name implies, this track plan really packs in the activity! As many tracks as will fit, plus all the operating accessories to keep them humming, make this a great plan for the modeler who likes to keep their freight trains busy. With two tracks, you can keep a train rolling at all times while another works its way around serving the many industries in this town. Accessorize this layout with lighted Rail-Town buildings and an operating coaling tower, water tower, freight transfer dock, or crossing gates, and you and your visitors will have plenty to see and do!

TRACK REQUIRED

- (18) MTH 40-1002 0-31 curve
- (2) MTH 40-1019 30 in straight
- (6) MTH 40-1001 10 inch straight
- (5) MTH 40-1016 5.0 in straight
- (6) MTH 40-1004 O31 righthand switch
- (16) MTH 40-1018 3.5 in straight
- (2) MTH 40-1012 5.5 inch half straight
- (3) MTH 40-1017 4.25 in straight
- (3) MTH 40-1005 O31 lefthand switch
- (1) MTH 40-1024 track bumper

ROOM TO OPERATE

The kinds of railroad action you most enjoy will also influence your layout. Do you like lots of switching cars in the yard? Then your layout will feature a big yard, which often works well on a shelf. Do you want long mainline runs through rural terrain? Then your layout will probably require a twice-around loop with mountains, trees, or other view blockers to make the trip look longer.



O Gauge ScaleTrax™

It's not about the track. Railroading is about huge machinery that makes the ground shake when it goes by. In model railroading, the track is a stage setting that should make your trains look more real and more massive — and no three-rail track does that better than ScaleTrax, the lowest-profile, best-running 3-rail O gauge track system.



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IT TAKES **EIGHT O-31 CURVES** TO MAKE A CIRCLE.
 IT TAKES **SIXTEEN O-54 CURVES** TO MAKE A CIRCLE.
 IT TAKES **SIXTEEN O-72 CURVES** TO MAKE A CIRCLE.
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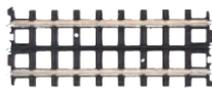
ScaleTrax - 5.0" Track Section
45-1013 \$4.49



ScaleTrax - 4.25" Track Section
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ScaleTrax - 1.75" Track Section
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ScaleTrax - 5.5" Track Section
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ScaleTrax - 10" Straight Track Section
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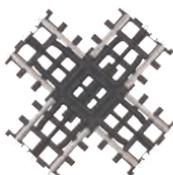
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ScaleTrax - 22.5° Crossing
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ScaleTrax - 90° Crossing
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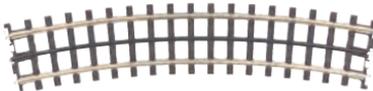
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ScaleTrax - Bumper
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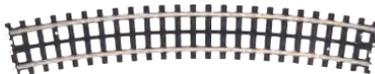


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45-1007 \$5.99

ScaleTrax - ITAD
45-1028 \$39.95
Enables passing train to
activate signals and other
accessories.



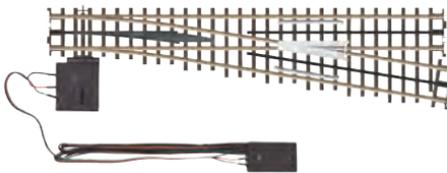
ScaleTrax - 0-72 Curved Track Section
45-1010 \$6.99



ScaleTrax - Lockon
45-1033 \$4.99
Track Not Included



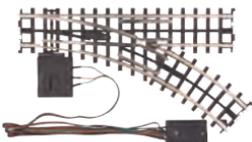
ScaleTrax - 0-80 Curved Track Section
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ScaleTrax - No. 6 Switch (LH)
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ScaleTrax - No. 6 Switch (RH)
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45-1004 \$69.95
ScaleTrax - 0-31 Switch (LH)
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ScaleTrax - 0-54 Switch (RH)
45-1009 \$79.95
ScaleTrax - 0-54 Switch (LH)
45-1008 \$79.95

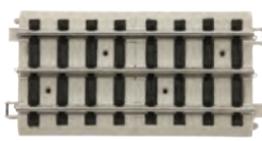


ScaleTrax - 0-72 Switch (RH)
45-1020 \$79.95
ScaleTrax - 0-72 Switch (LH)
45-1021 \$79.95

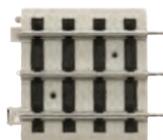
Tinplate Standard Gauge Track



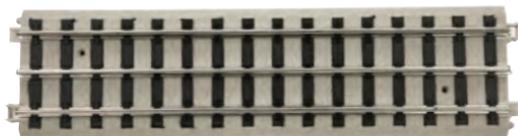
Std. Gauge RealTrax -
3.5" Straight
10-99018 \$5.49



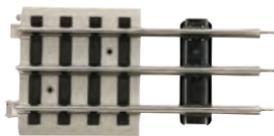
Std. Gauge Track w/Roadbed -
7" Straight
10-99002 \$5.99



Std. Gauge w/Roadbed Adapter
Track Section
10-99010 \$8.99



Std. Gauge Track w/Roadbed - 14" Straight
10-99001 \$7.49



Std. Gauge RealTrax- Switch Adapter
Track Section
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Std. Gauge Track w/Roadbed - 42" Diam. Curve
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Std. Gauge Track w/Roadbed - 72" Diam. Curve
10-99072 \$7.99



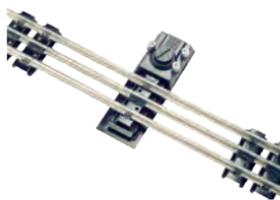
Std. Gauge Track w/Roadbed -
1/2 42" Diam. Curve
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Std. Gauge 90* Crossover
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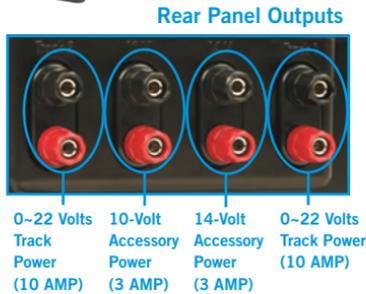
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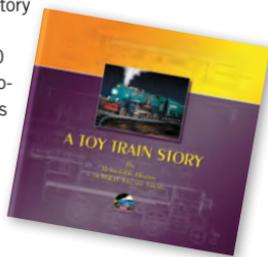
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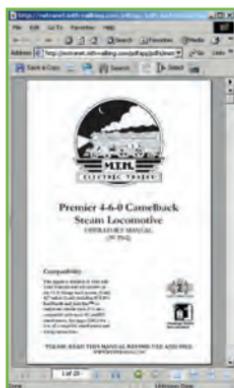
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M.T.H.'s DCS Digital Command System has received U.S. Patent No. 6,457,681. M.T.H.'s Proto-Sound 2.0

system has received U.S. Patent No's 6,457,681 B1 (sound system), 6,457,681 B1 (Proto-Speed Control), 6,604,641 (Proto-Coupler), 6,280,278 (Proto-Smoke). M.T.H.'s RealTrax has received U.S. Patent No. 6,019,289. M.T.H.'s ScaleTrax switches have received U.S. Patent No. 6,491,263.

M.T.H.'s Z-4000 Transformer has received U.S. Patent No.'s. 6,281,606 & 6,624,537.

M.T.H.'s Proto-Scale 3-2 has received U.S. Patent No. 6,662,917
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