

2019 Ready-To-Run

RAILKING[®]

By M.T.H. Electric Trains

*0 Gauge Train Sets
& Accessories*



Run Your
Trains from
Your Smart Device
with DCS Explorer



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

See Page 3

*Build a World
of Your Own
in Three
Dimensions™*

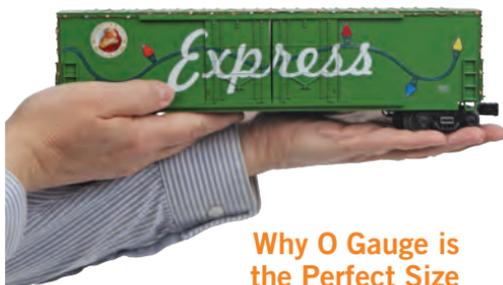
A World of Your Own

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.



Why O Gauge is the Perfect Size

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.



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/609

Contents

About M.T.H. Trains	2
Why an M.T.H. set is the best way to start your model railroading journey	
Digital Command System	6
When you're ready for the ultimate in 21st-century train control, check out DCS — the M.T.H. Digital Command System	
Ready-To-Run Train Sets	12
All-in-one-box train sets, each with everything you need to get started.	
Halloween Holiday Offerings	20
Christmas Holiday Offerings	23
Specialty Sets	38
Environment-friendly diesels, trolleys and the George Bush funeral train	
RailKing Motive Power	42
Additional Cars	46
Rolling stock to add color and interest to your layout	
Accessories	53
Buildings, signals, people and other accessories to help create your imaginary world	
Track and Layouts	78
Expand your empire with our track systems and layout packages	
Transformers	88
As your layout grows, choose from a variety of transformers to satisfy increasing power needs — all UL-approved for safety	
M.T.H. Railroaders Club	90
www.mthtrains.com	92



www.mthtrains.com

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 6,700 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



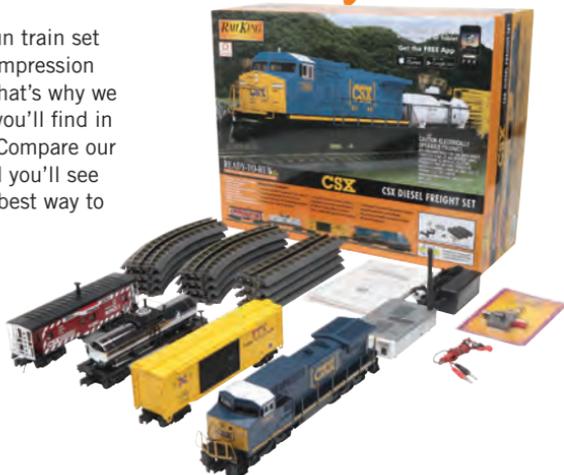
All Ready-to-Run Sets operate with your smartphone or tablet and the free M.T.H. DCS App



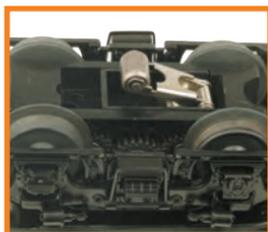
The Highest Quality Train Sets You Can Buy

At M.T.H., we consider the ready-to-run train set our best opportunity to make a great impression on newcomers to model railroading. That's why we don't skimp on the quality and value you'll find in every M.T.H. ready-to-run starter set. 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, interactive DVD with track layout software and an operator's manual.



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



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. 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.



M.T.H. train sets include robust power supplies and a digital command system you operate from **your** Android smartphone or tablet or Apple iPhone or iPad.



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
- 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 metal, die-cast freight trucks with metal operating couplers
- Die-cast metal passenger trucks with metal operating couplers
- Intricately detailed, durable ABS bodies
- Passenger car interiors with operating overhead lighting
- Caboose operating 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 nearly 7500* 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 2019 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

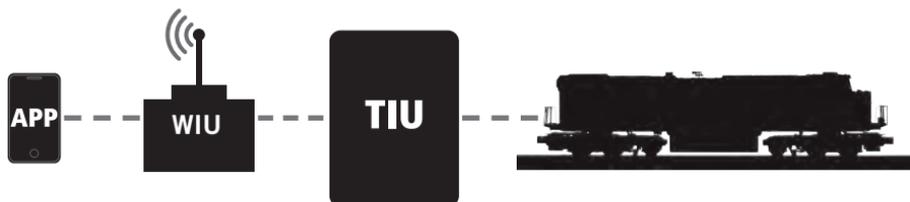
- Control up to 3 locomotives simultaneously
- Operate bell, whistle/horn and station sounds
- Activate couplers
- Control volume, smoke and headlights

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 Commander Controller
50-1028 \$179.95

DCS Commander Controller
w/ 100 watt power supply
50-1029 \$259.95

With the feature-rich DCS Commander, choose from three different operating modes, including variable power DC output for any Proto-Sound 2.0 or later locomotive; 32 DCS command functions for up to ten Proto-Sound 2.0 or later locomotives; or DCC operation for Proto-Sound 3.0 locomotives (requires DCC controller).

DCS Remote Commander Set
50-1033 \$59.95





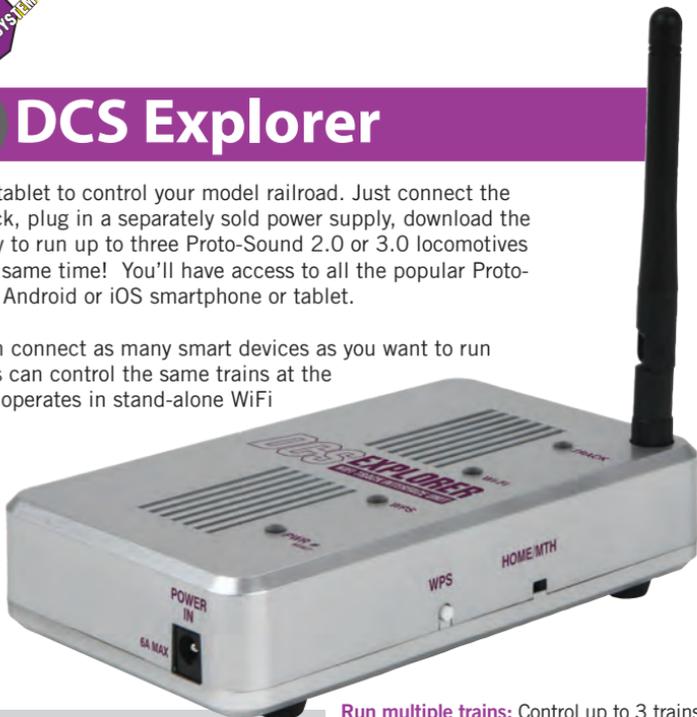
SIMPLY THE BEST

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 connect as many smart devices as you want to run trains. Multiple operators can control the same trains at the same time. The Explorer operates in stand-alone WiFi or home network modes.

DCS Explorer
Track Interface Unit
50-1035 \$149.95



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 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 nearly 7,500 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 Remote Control System (TIU and WIU)
50-1036 \$369.95



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



DCS Remote Control - Handheld Unit
50-1002 \$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
Proto-Sound 2.0 Battery Charger	
50-1019	\$19.95
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.

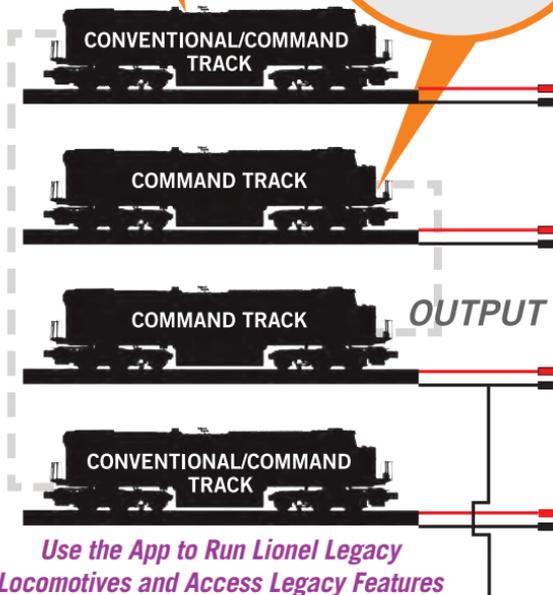
DCS can run modern Lionel locomotives equipped with TMCC or Legacy alongside M.T.H. Proto-Sound 2.0 or 3.0 locomotives — on the same track at the same time.

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).



LEGACY COMMAND BASE

SER2



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

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



WIU

APP

50-1034
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)

**POWER
SUPPLY**

INPUT

**POWER
SUPPLY**

TIU



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



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



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

**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

\$469.95



Pennsylvania - Box Car w/Power Meter

30-74969 \$69.95

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



Pennsylvania - Gondola Car w/Cover

30-72188 \$54.95

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 \$469.95



Southern Pacific - Gondola Car w/Cover
30-72189 \$54.95



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

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 east as far 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.



Locomotive Features Operating Smoke and Flashing Ditch Lights



Amtrak - F40PH Diesel Passenger Set with Proto-Sound 3.0
30-4246-1 \$469.95

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. It 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.

Cars Feature Detailed Interiors with Overhead Lighting



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

BNSF Dash 8 Freight Set



BNSF - Dash 8 Diesel Freight Set with Proto-Sound 3.0
30-4247-1 \$449.95

From the Mississippi to the Pacific and from the Canadian to the Mexican borders, the BNSF Railway covers all the grandeur of the American West. Its 32,000 miles of track and fleet of 8,000 locomotives are the product of 160 years of empire building, mergers and acquisitions. Built into its DNA are the Santa Fe's *Super Chief*, the Chicago-LA "Train of the Stars"; the Burlington Railroad's *Pioneer Zephyr*, the first diesel streamliner; and the Northern Pacific Railway, "Main Street of the Northwest." With three transcontinental routes, today's BNSF is the second-largest freight railway in North America, carrying everything from Far East container traffic to Midwest grain to Texas oil.

Capture the high-horsepower drama of modern railroading with this BNSF freight set, headed by our twin-motored General Electric Dash 8 diesel. A best-seller for GE from 1987-1994 and still in wide use today, the Dash 8 helped pioneer computer control of locomotive functions, from engine control to troubleshooting to making sure all 12 wheels are gripping the track and not slipping. Our model features an LED headlight to light up the night; Proto-Speed Control for smooth, steady speeds from a crawl to full throttle; traction tires for tremendous pulling power; and a full range of sounds from blaring horn and clanging bell to diesel motor, squealing brakes, freight yard sounds and crew conversations.



BNSF - Box Car
30-74983 \$59.95



BNSF - Flat Car w/(2) Die-Cast Ford Transit Vans
30-76676 \$64.95

Norfolk Southern Veterans Dash 8 Freight Set



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



Norfolk Southern (Veterans) - Dash 8 Diesel Freight Set with Proto-Sound 3.0
30-4240-1 \$449.95



Norfolk Southern (Veterans)
50' Double Door Plugged Boxcar
30-74884 \$59.95



Norfolk Southern (Veterans)
Modern Tank Car
30-73517 \$64.95

Norfolk Southern (Veterans)
33K Gallon Tank Car
30-73518 \$64.95



The Norfolk Southern's Veterans Locomotive is a rolling reminder of the contributions and sacrifice of our nation's military personnel. Unveiled just before Veteran's Day in 2012 at the road's Altoona, PA shops, engine 6920's paint scheme was selected by a group of 18 NS employees representing all branches of the armed forces. Equally important is the railroad's commitment to hiring and training veterans; nearly 4,000 of the railroad's 28,000 employees are veterans and members of the National Guard and Reserves.

Our twin-motored replica of No. 6920 features an LED headlight to light up the night; Proto-Speed Control for smooth, steady speeds from a crawl to full throttle; traction tires for tremendous pulling power; and a full range of sounds from blaring horn and clanging bell to diesel motor, squealing brakes, freight yard sounds and crew conversations. With matching freight cars, a lighted caboose, an oval of track and the DCS Explorer controller, this set has everything you need to begin a model railroading adventure.

CSX Dash 8 Freight Set



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



CSX - Dash 8 Diesel Freight Set With Proto-Sound 3.0
30-4248-1 \$449.95

CSX Transportation is one of two Class 1 railroads that dominate freight railroading east of the Mississippi (the other being Norfolk Southern). With the bold slogan "How Tomorrow Moves," CSX trains carry everything from Florida orange juice to new cars to containerized toys and clothing from halfway around the world.

Recreate the excitement of modern railroading with this CSX freight set, led by our twin-motored model of General Electric's Dash 8 diesel, featuring smooth speeds from a crawl to full throttle, remote-controlled couplers, LED headlight and a symphony of locomotive and train sounds.



CSX - Box Car
30-74932 \$59.95

4-Bay Hopper Car
30-75641 \$59.95



Union Pacific GP20 Freight Set



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

Locomotives Include Operating Diesel Exhaust



Union Pacific - Gondola Car w/Cover
30-72190 \$54.95



Union Pacific - 4-Bay Hopper
30-75638 \$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.



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)

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 - 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



IMPERIAL
SERIES

Halloween - ES44AC Imperial Diesel & Caboose Set
With Proto-Sound 3.0
30-20637-1

\$439.95

Includes Flashing Orange
Underbody Charging Lights



Halloween - Box Car
30-74931 \$59.95



Halloween - Operating Action Car
30-79596 \$79.95

Backlit Halloween figures
glide past car windows



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



Halloween - Box Car
30-74962 \$59.95



Halloween - Frankenstein's Monster
Box Car with Glowing LEDs
30-74977 \$79.95

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 - Gondola Car with Flickering Lighted Jack-O-Lanterns
30-72192 \$79.95



Halloween - Gondola Car with Flickering Lighted Jack-O-Lanterns
30-72209 \$79.95



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

Halloween - Gondola Car with Flickering Lighted Ghosts
30-72208 \$79.95



Halloween

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

NEW TOOLING!



**LED
Candles
Flicker!**



**Each Car
Features
Four
Individually
Named
Gravestones**



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



Transylvania Power & Light
Box Car with Power Meter
30-74967 \$69.95
*Monitor track power with
this car's illuminated
AC voltage meter*

Halloween -
Smoking Tank Car
30-73546 \$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 Imperial Diesel & Caboose Set With Proto-Sound 3.0
30-20638-1 \$439.95



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 set are the perfect way to build your very own Christmas train. They'll make great bookends 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!



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
30-73547 \$79.95



Christmas - Operating Box Car with Santa
30-79642 \$89.95

Door opens and Santa pops out waving lighted lantern, when activated by Operating Track Section 40-1008 (page 78) or similar





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

**Snowmen Light
and Blink!**

NEW TOOLING!

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



Christmas - Flat Car with
Lighted Christmas Trees
30-76773 \$79.95

Christmas - Flat Car with
Lighted Christmas Trees
30-76774 \$79.95



Christmas - Flat Car with
Lighted Christmas Trees
30-76772 \$79.95



Christmas



Christmas - Box Car with Power Meter
30-74965 \$69.95
*Monitor track power with this car's
illuminated AC voltage meter*



Christmas - Box Car with Operating LEDs
30-74971 \$79.95



Christmas - 60' Streamlined Coach w/LED Lights
30-68134 \$109.95



Christmas - 4-Car 60' Streamlined Passenger Set w/LED Lights
30-68132 \$399.95



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



Christmas - 60' Streamlined Full-Length Vista Dome Car w/LED Lights
 30-68135 \$109.95

Christmas - 2-Car 60' Streamlined Sleeper/Diner Set w/LED Lights (*not shown*)
 30-68133 \$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
30-70107 Car Nos.: 251921, 251922, 251923, 251924 \$329.95



Canadian Pacific - 4-Car 50' Double Plugged Door Boxcar Set with LED Lights
30-70106 Car Nos.: 220031, 220332, 220037, 220476 \$329.95



Glowing
Red Nose!

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



Christmas - Dash 8 Diesel Engine with
Proto-Sound 3.0 and LED Lights
30-20436-1 \$399.95



Canadian Pacific - Dash 8 Diesel Engine
with Proto-Sound 3.0 and LED Lights
30-20639-1 \$399.95

SP Daylight Holiday Train



The *Daylights* linked Los Angeles and San Francisco "in a glorious daylight trip, streaking along the Pacific Ocean for more than a hundred breathless miles." Travelers were invited to "Step inside the *Daylight* and see the beauty and luxury that have already won the West. Notice the wide, soft seats in the coaches. They are cushioned with sponge rubber and turn to face the extraordinarily large windows." Presenting a glorious streak of orange and red from locomotive to observation car, the *Daylights* were a sharp departure from the SP's normal dark olive passenger cars.

Leading the trains were the Southern Pacific's class GS (for "Golden State") Northern, arguably among the handsomest steam engines ever built. Constructed by Lima Locomotive Works, the *Daylight* 4-8-4s had the combination of power and speed that characterized steam power at its zenith. Class GS-4 engines, delivered in 1941 and 1942, were among the last and best-looking of the breed, with tall 80" drivers and a large Mars light complementing the headlight.

A lone GS-4, No. 4449, was saved from the scrap-fer in 1958 and placed on display in a Portland, Oregon park, where it sat silent for nearly two decades. An elderly gentleman was a regular visitor to the locomotive, oiling its lubrication points to prevent rusting. In part because of his efforts, No. 4449 was in good enough shape to be restored in 1975 to pull the American Freedom Train in celebration of our nation's 200th anniversary. Repainted in *Daylight* colors, the engine operates

today in excursion service. The elaborate lighting applied to 4449 and its train for holiday season trips is the inspiration for this very special set.

Relive the glory years of *Daylight* passenger service or the excitement of a steam-powered holiday excursion today with this LED-decorated *Daylight* GS-4 and matching cars. Leading the train is our smooth-running replica of No. 4449 with synchronized puffing smoke, a full complement of engine and train sounds, and RailKing Imperial features that include LED-illuminated headlights, class lights, cab interior and firebox glow; legible builder's plates; hand-painted cab figures and backhead gauges; separate tender ladders; and safety chains for the tender trucks.

Southern Pacific Celebrates Christmas



M.T.H.'s version of the real life GS-4 in Christmas decor will make a great addition to your model railroad during the holidays.



Southern Pacific - 4-Car 60' Streamlined Passenger Set with LED Lights
30-68040 \$399.95



Southern Pacific Lines - 4-8-4 Imperial GS-4 Northern Steam Engine
with Proto-Sound 3.0 and LED Lights
30-1766-1 \$599.95



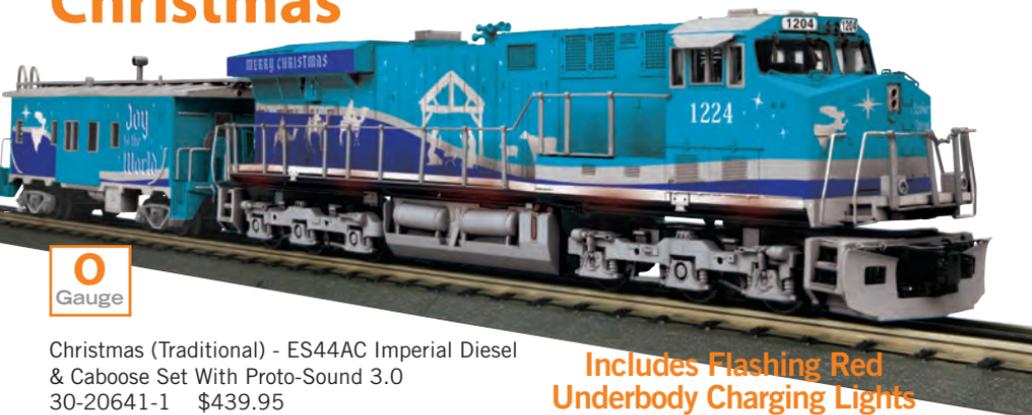
Southern Pacific - 60' Streamlined Coach with LED Lights
30-68042 \$109.95



Southern Pacific - 2-Car 60' Streamlined
Sleeper/Diner Set with LED Lights (*Not Shown*)
30-68041 \$209.95

Southern Pacific - 60' Streamlined Full-Length
Vista Dome Car with LED Lights (*Not Shown*)
30-68043 \$114.95

Christmas



Christmas (Traditional) - ES44AC Imperial Diesel & Caboose Set With Proto-Sound 3.0
30-20641-1 \$439.95

If you've been a fan of our traditionally themed Christmas cars, this locomotive and caboose set are the perfect way to build your very own Christmas train. The locomotive and caboose make a great bookend 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

Includes Flashing Red Underbody Charging Lights

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 (Traditional) - 2-8-0 Steam Engine with Proto-Sound 3.0
33-1046-1 Cab No. 1225 \$299.95

Includes Puffing Smoke, LED Headlight and Christmas Sounds

Christmas - Box Car
30-74963 \$59.95



Christmas - 4-Car 50' Double Plugged Door Box Car Set with LED Lights
30-70108 \$349.95



Christmas (Green) - Flat Car w/Lighted Nativity Scene
30-76768 \$79.95

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



Christmas Accessories



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



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



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



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



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



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



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"

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





Giant Town Square Christmas Tree w/Operating LED Lights
30-11088 \$49.95
Measures: 7 7/8" High



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"



Country Church with White LEDs
30-90578 \$59.95
Measures: 4 5/8" x 7 7/8" 10 9/16"



3-Piece Santa Figure Set
30-11089 \$19.95
Measures: 1" to 1 3/4" High
Chimney figures fit all M.T.H. buildings



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



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

North Pole

Great additions to your
Polar Express collection

North Pole - Fire Car
30-79543 \$59.95



North Pole - 4-Bay Hopper
30-75636 \$59.95



North Pole - Box Car with
Power Meter
30-74966 \$69.95
*Monitor track power with
this car's illuminated AC
voltage meter*

Backlit penguins move past car windows

North Pole - Operating Action Car
30-79597 \$79.95



North Pole - Box Car with
Blinking LEDs
30-74972 \$79.95



North Pole - 4-Car 60' Streamlined Passenger Set w/LED Lights
30-68136 \$399.95

North Pole - Flat Car with
Lighted Christmas Trees
30-76775 \$79.95



North Pole - Flat Car with
Lighted Christmas Trees
30-76776 \$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
30-68138 \$109.95



North Pole - 60' Streamlined Full-Length
Vista Dome Car w/LED Lights
30-68139 \$114.95



North Pole - 2-Car 60' Streamlined Sleeper/Diner Set w/LED Lights (not shown)
30-68137 \$209.95

General Electric ES44AC

Diesel & Caboose Sets



GE Demonstrator - ES44AC Imperial Diesel & Caboose Set With Proto-Sound 3.0
30-20524-1 Cab No. 2015 \$429.95



Norfolk Southern (ECO) - ES44AC Imperial Diesel & Caboose Set With Proto-Sound 3.0
30-20431-1 Cab No. 4700 \$399.95

When an automobile is recycled, nothing much remains but molten metal. When a modern diesel locomotive is recycled, however, the frame and much of the exterior is re-used, while internal organs are replaced or upgraded. In an era when a new freight locomotive can cost upwards of \$2 million, recycling old power makes both economic and ecological sense. Engines 4700, 4000 and 4002 showcase the locomotive recycling efforts of the Norfolk Southern railroad.

ECO engine 4700, assigned to Chicago area yard service, is one of a group of engines rebuilt in 2015–2016 to deliver lower emissions in urban areas — hence the map of Illinois and the slogan “Working Together for a Cleaner State” on its sides. Locomotives 4000 and 4002 are lead engines in the “DC to AC” program begun in 2015, to upgrade 20-year-old diesels with more horsepower, lower emissions, more comfortable cabs, and conversion to AC electric motors. Compared with the DC motors that were once standard on diesels, AC motors can start a heavier train with the same engine horsepower.





On January 1, 2015, stricter Environmental Protection Agency (EPA) Tier 4 rules went into effect for new production diesel locomotives, requiring a 70% reduction in nitrogen oxide and particulate matter emissions. Of the two U.S. makers of main-line freight engines, General Electric and EMD, only GE was ready with a new Tier 4 diesel.

More than two years earlier, in August 2012, GE had outshopped No. 2015, the first demonstrator of its “Ecomagination” technology for meeting Tier 4 standards. What GE wanted to avoid was the “after-treatment” solution used since 2010 in heavy truck engines: carrying a tankfull of a chemical called urea that reacts with exhaust gas to neutralize nitrogen oxide. Instead GE developed an ingenious system that recirculates hot exhaust gas back into the engine; the net result is that switching to a new GE diesel is the equivalent of removing 12,000 cars from our nation’s highways.

Our superbly detailed, top-of-the-line RailKing Imperial models of this modern freight mover feature a full range of locomotive sounds recorded from an actual ES44AC. Outfitted with twin powerful flywheel-equipped motors, all-metal wheels and gears, and our revolutionary Proto-Speed Control, our ES44ACs will haul long freights at any speed from a crawl to full throttle. Remotely activated front and rear Proto-Couplers allow you to pick up and drop off freight wherever you like. Additional Imperial features on the ES44AC include operating diesel exhaust smoke and flashing ditch lights.



Norfolk Southern - ES44AC Imperial Diesel & Caboose Set With Proto-Sound 3.0
30-20432-1 Cab No. 4000 \$399.95



Norfolk Southern - ES44AC Imperial Diesel & Caboose Set With Proto-Sound 3.0
30-20434-1 Cab No. 4002 \$399.95

George H. W. Bush Funeral Train

O Gauge



IMPERIAL
SERIES

George Bush 41 - SD70ACe Imperial Diesel Engine With Proto-Sound 3.0
30-20635-1 Cab No. 4141 \$369.95



Union Pacific - 60' Streamlined Baggage Car
30-68127 \$79.95

Baggage door opens to reveal flag-draped casket

On October 18, 2005, at the George Bush Presidential Library and Museum in College Station, Texas, the Union Pacific Railroad unveiled locomotive 4141. It was only the sixth time in UP history that a diesel had been decorated in colors other than the road's signature Armour Yellow paint.

Based on the paint scheme of Air Force One, the brand-new EMD SD70ACe engine honored the 41st president and his library, on the occasion of a new exhibit celebrating America's railroads, *Tracks of the Iron Horse*. Among the artifacts on display was the original golden spike that had marked the completion of the first transcontinental railroad in 1869.

In the ensuing ceremonies, the former president himself took a turn at the throttle, and 4141

later pulled freight across the UP system. When rail traffic declined in the 2008 financial crisis, 4141 went into storage as part of the UP's Heritage Fleet.

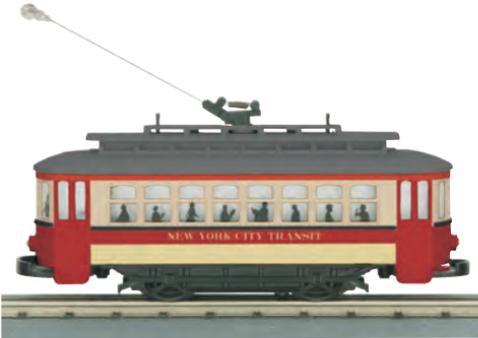
After George Herbert Walker Bush passed away on November 30, 2018, UP 4141 came out of storage to bring him back to College Station on December 6, assisted by SD70ACe No. 9096. Baggage car *Council Bluffs* carried his flag-draped casket, with the doors open to allow the thousands at trackside to pay their respects. To allow others to honor the former president, vice-president, congressman, ambassador, CIA director and naval aviator, engine 4141 later went on a system-wide Union Pacific tour.



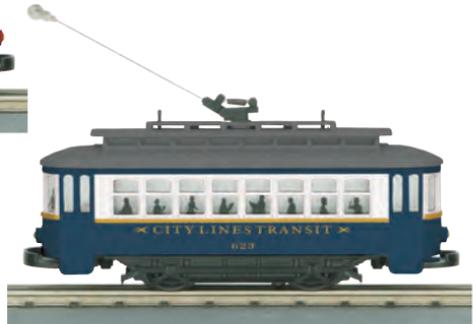
Union Pacific (Flag) - SD70ACe Imperial Diesel Engine With Proto-Sound 3.0
30-20636-1 Cab No. 9096 \$369.95

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.



New York Transit - Bump-n-Go Trolley
30-5139 \$79.95



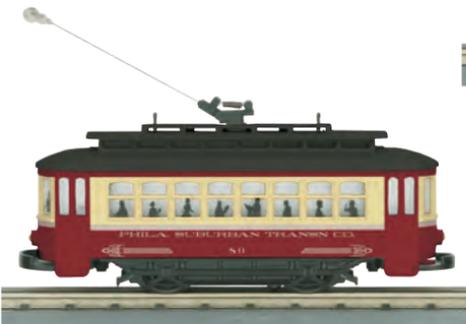
City Lines - Bump-n-Go Trolley
30-5176 \$79.95



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



Pittsburgh - Bump-n-Go Trolley
30-5177 \$79.95



Philadelphia - Bump-n-Go Trolley
30-5143 \$79.95



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

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.

Our **Crusader series**, like our Forty-Niner, is based on a streamlined train launched in the depths of the Great Depression, when railroads saw streamlining as a way to attract the public back to train travel. The premier express of the Reading Railroad, the *Crusader* was named by a contest winner in 1937; in those lean Depression years, the prize of \$250 drew 6,086 entries. The five-car, stainless steel *Crusader* was a deluxe commuter train, making a daily 90-mile dash between Philadelphia's Reading Terminal and Jersey City's Communipaw Terminal, where passengers could take a ferry to lower Manhattan.

0-6-0 B-6 Switcher



Long Island - 0-6-0 Imperial B-6 Switcher Steam Engine
30-1710-1 Cab No. 170 \$449.95



Baltimore & Ohio - 0-6-0 Imperial B-6 Switcher Steam Engine
30-1711-1 Cab No. 375 \$449.95

Switchers feature front and rear remote-controlled Proto-Couplers, so you can pick up and drop off cars anywhere



Union Pacific - 0-6-0 Imperial B-6 Switcher Steam Engine
30-1712-1 Cab No. 4474 \$449.95



New Haven - 0-6-0 Imperial B-6 Switcher Steam Engine
30-1713-1 Cab No. 2325 \$449.95

4-6-2 Forty-Niner



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

4-6-2 Crusader



Canadian National - 4-6-2 Crusader Steam Engine
30-1701-1 Cab No. 5511 \$459.95



New Haven - 4-6-2 Crusader Steam Engine
30-1700-1 Cab No. 1410 \$459.95

4-6-4 Commodore Hudson

In 1934, the New York Central's West Albany shops fitted Hudson 5344 with a sheet metal shroud and named her Commodore Vanderbilt, after Cornelius Vanderbilt, one of the NYC's first empire builders. The railroad's publicity department promptly declared her "the World's First Streamlined, High-Powered Steam Locomotive." Of course, the Commodore was assigned to the Central's premier passenger train, the *Twentieth*

Century Limited, which provided overnight luxury service between New York City and Chicago.

Just two years later, another NYC steamer was fitted with Commodore-type styling for the *Rexall Train*, which served as a traveling exhibit and convention headquarters for 10,000 druggists and 20,000 sales people, on a 29,000-mile promotional tour across the U.S. and Canada.



New York Central (Light Gray) - 4-6-4 Commodore Hudson
30-1738-1 Cab No. 5344 \$449.95



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



Breast Cancer Awareness - 4-6-4 Commodore Hudson
30-1741-1 Cab No. 2017 \$449.95

Operating Hand Car



Christmas - Operating Hand Car
30-5183 \$69.95



Handcar automatically
reverses when it
hits a bumper

Maintenance Of Way - Operating Hand Car
30-2526 \$69.95

Figures pump
up and down
as car moves
along the track



Maintenance Of Way (Orange) -
Operating Hand Car
30-2547 \$69.95

Operating Aquarium Car



Chesapeake Blue Crabs
Operating Action Car
30-79598 \$79.95

Watch the backlit
fish swim by the
aquarium windows!

Large Mouth Bass
Operating Action Car
30-79599 \$79.95



Smoking Tank Car

U.S. Carbon Dioxide -
Smoking Tank Car
30-73548 \$79.95



Hydrazine Corporation -
Smoking Tank Car
30-73549 \$79.95

Flat Car with Load



U.S. Army - Flat Car w/Die-Cast
GMC DUKW ("Duck")
30-76778 \$79.95



U.S. Army - 4-Car Flat Car w/Die-Cast GMC DUKW ("Duck") Set
30-70105 \$289.95



U.S. Army- Flat Car w/Die-Cast 6x6 Tank Truck
30-76777 \$79.95



U.S. Army- 4-Car Flat Car w/Die-Cast 6x6 Tank Truck Set
30-70104 \$289.95



Norfolk Southern - Flat Car w/(2) Die-Cast Ford Transit Vans
30-76675 \$64.95

Box Car with Power Meter



Long Island - Box Car w/
Power Meter
30-74968 \$69.95

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

New Haven - Box Car w/
Power Meter
30-74970 \$69.95



Operating Box Car with Signal Man



Baltimore & Ohio - Operating Box Car
w/Signal Man
30-79631 \$89.95

Door opens and brakeman pops out waving lighted lantern, when activated by Operating Track Section 40-1008 (page 78) or similar

New Haven - Operating Box Car
w/Signal Man
30-79643 \$89.95



Union Pacific - Operating Box Car
w/Signal Man
30-79644 \$89.95



Box Car with Blinking LEDs



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



Union Rail - Box Car w/
Blinking LEDs
30-74974 \$79.95



Bessemer & Lake Erie -
Box Car w/Blinking LEDs
30-74976 \$79.95



Westinghouse - Box Car
w/Blinking LEDs
30-74975 \$79.95

Box Car



Reading - Box Car
30-74979 \$59.95



Denver & Rio Grande Western - Box Car
30-74980 \$59.95



Chessie - Box Car
30-74981 \$59.95



Amtrak - Box Car
30-74982 \$59.95

Flat Car with 40' Trailer

Great American Circus -
Flat Car w/40' Trailer
30-76780 \$69.95



U.S. Air Force - Flat Car w/40' Trailer
30-76781 \$69.95



American Freedom - Flat Car
w/40' Trailer
30-76782 \$69.95



Wall Paint - Flat Car w/40' Trailer
30-76783 \$69.95



4-Bay Hopper



Norfolk Southern - 4-Bay Hopper
30-75637 \$59.95



Richmond Fredericksburg & Potomac - 4-Bay Hopper
30-75639 \$59.95



United States - 4-Bay Hopper
30-75640 \$59.95



Alaska - 4-Bay Hopper
30-75642 \$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.



- Parts Maintenance Kit
60-1409 \$499.95



- Maintenance Kit
30-50051 \$24.95

- Bag of Coal
30-50005 \$4.99



- Miscellaneous Accessories
- Traditional Accessories
- O Scale Accessories
O scale accessories are realistic O scale models, 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**



- 7 oz. ProtoSmoke™ Fluid

60-1045	Unscented	\$15.95
60-1046	Christmas	\$15.95
- 2 oz. ProtoSmoke™ Fluid Bottles

60-1051A	Christmas	\$5.29
60-1051B	Coal	\$5.29
60-1051C	Diesel	\$5.29
60-1051D	Wood Burning (Hickory)	\$5.29
60-1051E	Coffee	\$5.29
60-1051G	Vanilla	\$5.29
60-1051H	Candy Cane	\$5.29
60-1051J	Pipe Smoke	\$5.29
60-1051K	Cinnamon Roll	\$5.29
60-1051L	Apple Pie	\$5.29
60-1051M	Unscented	\$5.29
60-1051N	Lemon	\$5.29

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"

■ Lamplighter
35-90006 \$179.95
Measures: 4 7/8" x 6" x 13"

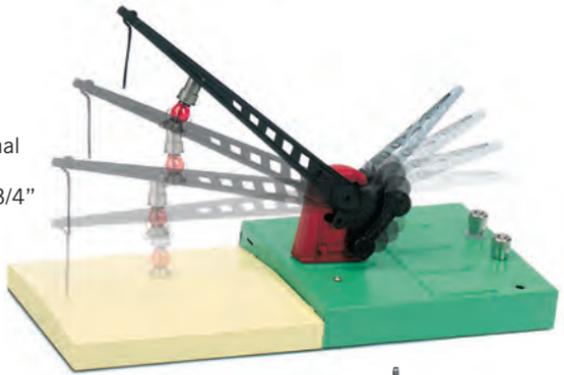
Gabe the Lamplighter
climbs the tower, turns on
the lights and slides down



■ No. 23774 Floodlight Tower
35-90004 \$119.95
Measures: 4 7/8" x 6" x 13"



■ #46 Crossing Gate and Signal
 30-11017 \$39.95
 Measures: 9" x 3 1/2" x 5 3/4"



Now with
 digital
 sound



■ Operating O Scale Water Tower
 30-11086 \$139.95
 Measures: 7 1/2" x 11" x 10 1/4"



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

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



■ 2-Piece Cement LCL Container Set
 30-50029 \$14.95

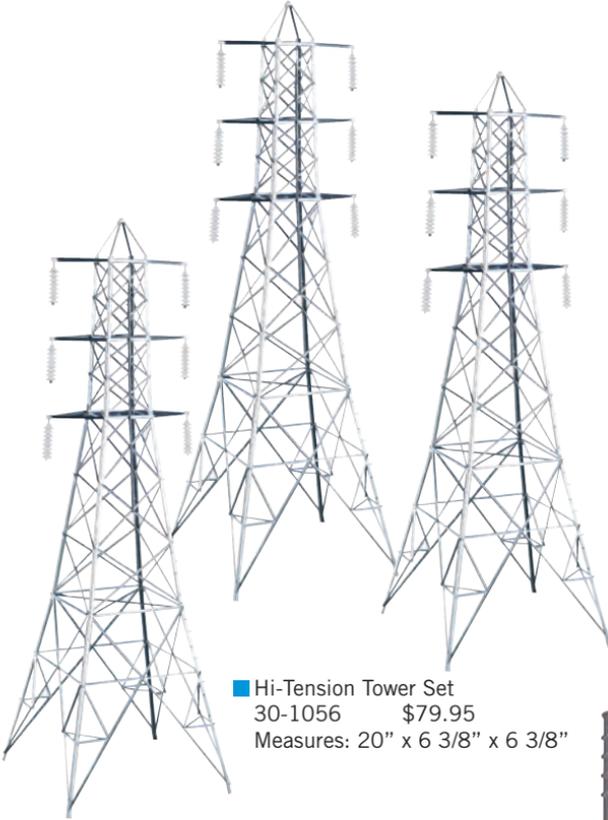


■ 6-Piece Barrel Set
 30-50024 \$11.95



■ 2-Piece Generator Set
 30-50028 \$12.95

Accessories



■ Hi-Tension Tower Set
30-1056 \$79.95
Measures: 20" x 6 3/8" x 6 3/8"



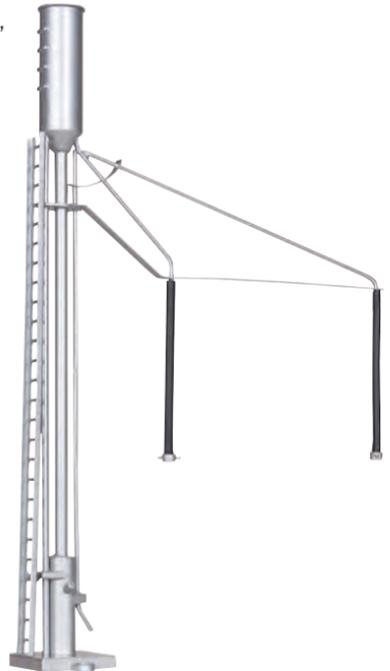
■ O Scale Tell Tale
30-11026 \$29.95
Measures: 8" x 3"
Warns brakeman on car roof of upcoming tunnel



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



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



■ Sanding Tower
30-11040 \$39.95
Measures: 1 3/16" x 1 1/4" x 10 3/8"



■ Support Our Troops - Lighted Billboard
 30-90527 \$34.95
 Measures: 7 1/2" x 5 3/4" x 6"



■ Stop, Look, Listen - Lighted Billboard
 30-90584 \$34.95
 Measures: 7 1/2" x 5 3/4" x 6"



■ Go Subway - Lighted Billboard
 30-90583 \$34.95
 Measures: 7 1/2" x 5 3/4" x 6"



■ Christmas - Lighted Billboard
 30-90585 \$34.95
 Measures: 7 1/2" x 5 3/4" x 6"



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



■ 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



Die-cast metal

■ Pittsburgh & Lake Erie - Die-Cast Bus
30-50106 \$44.95



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"



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



■ 4-Pack Motorcycle Set #2
30-11085 \$27.95
Each Bike Measures Approximately 2" Long x 1" High

Die-cast metal



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



■ Billy Ray's Barbeque - Vendor Trailer
30-50071 \$39.95
Measures: 10" Long



■ Roscoe's Fireworks - Vendor Trailer
30-50072 \$39.95
Measures: 10" Long

Side and end doors lift up to reveal lighted interior



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



■ Black - "O" Lamp Set - Square
 30-1079 \$34.95
 Measures: 4" Tall



■ Black - "O" Lamp Set - Round
 30-1078 \$34.95
 Measures: 4" Tall



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



■ "O" Lamp Set - Gas Street Light
 30-11033 \$34.95
 Measures: 3/4" x 4 3/8"



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

Accessories



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



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



- Telephone Pole Set
30-1088 \$19.95
Measures: 5 3/4" Tall
- Telephone Pole Set (Tan) (not shown)
30-1091 \$19.95
Measures: 5 3/4" Tall



- O Scale Flashing Barricades
30-11021 \$39.95
Measures: 1" x 1" x 2"



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

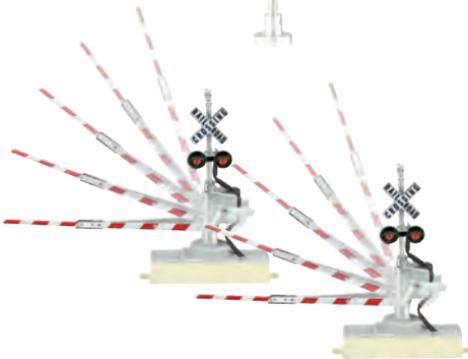


- "O" Operating Crossing Flasher Set with Sound
30-11014 \$69.95
Measures: 5 1/2" x 2 1/2" x 1"

Have your trains activate these signals with a **RealTrax® ITAD** (p. 81) or **ScaleTrax™ ITAD** (p. 87)



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



- O Scale Operating Crossing Gate Signal Set
30-11012 \$79.95
Measures: 8 1/2" x 2" x 8"

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



Have your trains activate these signals with a **RealTrax® ITAD** (p. 81) or **ScaleTrax™ ITAD** (p. 87)



- 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
30-11036 \$59.95
Measures:
1 3/16" x 2 5/8" x 7 1/8"



- 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 Modern Dwarf Signal
30-11038 \$39.95
Measures: 1 1/2" x 1" x 2 1/8"

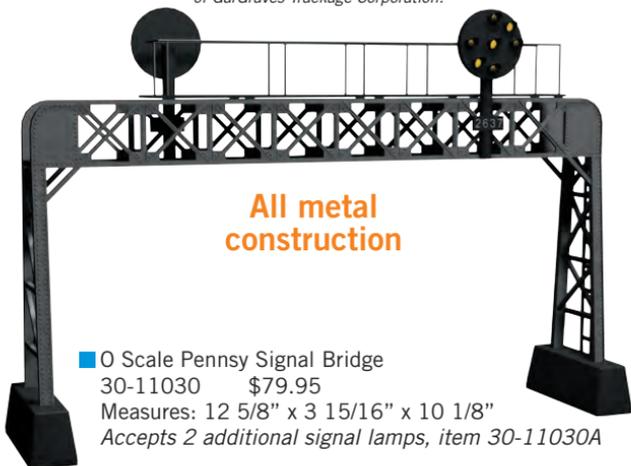
Dwarf Signal indicates switch position when used with ScaleTrax, Atlas O or Gargraves switches

Atlas O is a registered trademark of Atlas O; GarGraves is a registered trademark of GarGraves Trackage Corporation.



- 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)

All metal construction



- O Scale Penny Signal Bridge
30-11030 \$79.95
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 1 - 6-Piece Figure Set #12
30-11074 \$19.95



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



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



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



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



■ Diner Patrons - 6-Piece Figure Set #3
30-11047 \$19.95



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



■ Cops & Robbers - 6-Piece Figure Set #5
30-11056 \$19.95



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



■ Fire House Employees - 6-Piece Figure Set #2
30-11046 \$19.95



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



■ Railroad Employees - 12-Piece Figure Set #3
30-11055 \$29.95



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



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



■ Passenger #4 - 12-Piece Figure Set #3
30-11068 \$29.95



3-Piece Santa Figure Set
30-11089 \$19.95
Measures: 1" to 1 3/4" High



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



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



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

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



RailTown™ 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"



**Freight disappears
when train departs**

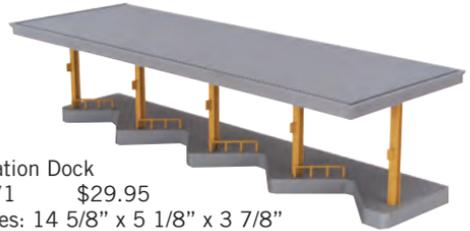


The Old Reading Brewery Company -
Operating Freight Platform
30-90190 \$64.95
Measures: 10" x 3 1/2" x 4"



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**



Bus Station Dock
30-9071 \$29.95
Measures: 14 5/8" x 5 1/8" x 3 7/8"

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



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

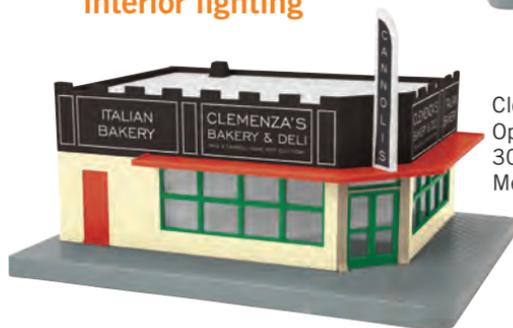


RailTown Buildings

Polock Joe's Pierogies - Single Story Corner Store
30-90603 \$59.95
Measures: 10 3/8" x 8 3/8" x 6 1/4"



Buildings feature interior lighting



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

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



Sequentially lighted marquee sign and interior lighting



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

Save your pennies!



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

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"



Railrown - 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"



Single Stall Engine Shed
30-90423 \$89.95
Measures: 24" x 5 1/2" x 13 1/2"



Dual Stall Engine Shed
30-90425 \$119.95
Measures: 24" x 8 1/2" x 13 1/2"

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"



Pale Yellow - 3-Story Town House #1
30-90543 \$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"



Standing Gray - 3-Story Town House #1
30-90599 \$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"



Tan - 3-Story Town House #2
30-90544 \$49.95
Measures: 4 1/8" x 6 3/4" x 7 11/16"

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"



**Buildings feature
interior lighting!**



Jurassic Pork Bar-B-Que - Road Side Stand
30-90539 \$49.95
Measures: 8 1/2" x 5 7/16" x 4 1/4"



Dirty Hoe Garden Center -
Road Side Stand
30-90537 \$49.95
Measures: 8 1/2" x 5 7/16" x 4 1/4"



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

Norman's Taxidermy - Corner Building
with Blinking Sign
30-90475 \$59.95
Measures: 9 7/8" x 7 7/16" x 7 1/16"



RailTown Buildings



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"



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"

Features flashing window sign and 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"



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"



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"



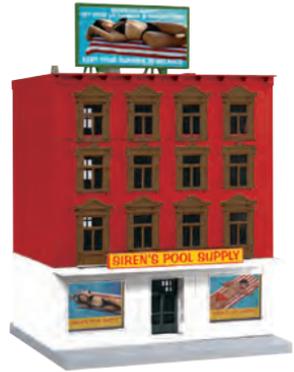
Bada Bing Bail Bonds - 3-Story City Building 1
 30-90597 \$69.95
 Measures: 8 1/4" x 10" x 10 1/8"



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



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

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



RailTown Buildings

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



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



Brown with Gray Roof - Passenger
Station Platform
30-9006 \$24.95
Measures: 10" x 3 1/2" x 4"



Red & Black - Country Freight Station
30-90004 \$39.95
Measures: 9" x 5 1/2" x 5"



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



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



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**



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



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



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"



Support Our Troops - Barn
 30-90533 \$79.95
 Measures: 16 1/2" x 18 3/4" x 9 1/2"

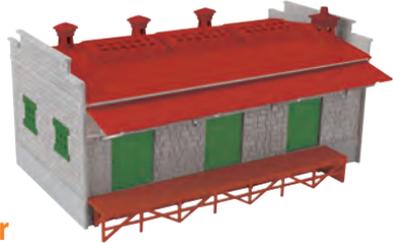


Gray & Maroon -
 Trackside Yard Tower
 30-90006 \$39.95
 Measures: 4" x 4" x 7 1/2"

**Buildings
 feature interior
 lighting**



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



Freight Transfer Warehouse
 30-90408 \$69.95
 Measures: 13 3/16" x 8 3/4" x 6 3/16"

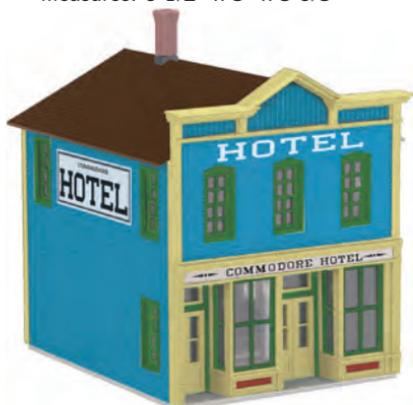


Gray Stone - Granary
 30-90188 \$69.95
 Measures: 10 1/4" x 7" x 11 1/8"

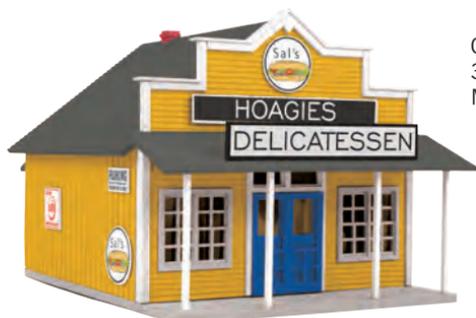
RailTown Buildings



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



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



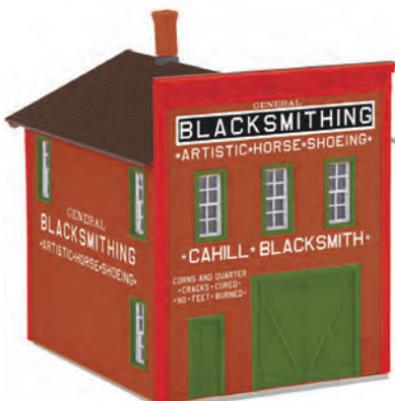
Sal's Hoagies - Country Store
 30-90564 \$64.95
 Measures: 8 7/8" x 5 1/8" x 5 1/2"



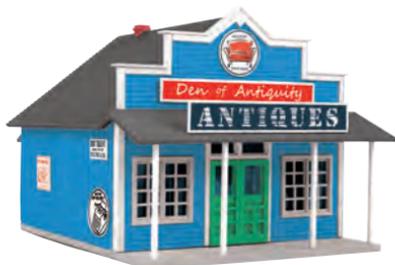
Cream & Dark Gray - Power Station
 30-90003 \$34.95
 Measures: 4 1/4" x 4 1/8" x 3 7/8"



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



Cahill's Blacksmithing - 2-Story Livery Building
 30-90576 \$64.95
 Measures: 6 1/2" x 8" x 8 5/8"



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

Buildings feature interior lighting



Red & Gray - Row House #2
30-90552 \$44.95
Measures: 8 1/2" x 4 5/8" x 7"



Green - Row House #2
30-90551 \$44.95
Measures: 8 1/2" x 4 5/8" x 7"



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



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



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



Blue - #6 Farm House with Operating 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 Christmas Lights
30-90588 \$79.95
Measures: 9 5/8" x 5" x 7"



#5 Country Church with White LEDs
30-90578 \$59.95
Measures: 7 7/8" x 4 5/8" x 10 9/16"



Tan - #4 Country House
with Operating Christmas Lights
30-90589 \$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"



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

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 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



No. 804 Kadee Coupler & Draft Gear Box
Set (Plastic)
20-89018 \$4.75
No. 805 Kadee Coupler & Draft Gear Box
Set (Metal)
20-89019 \$4.75

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



Flashing Red LED



Proto-Sound 2.0 10-Pin Wireless Drawbar Set
20-89011 \$29.95
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

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 crosssties 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.

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 \$5.29



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 \$29.95
(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 \$5.49



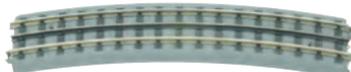
RealTrax -
O-31 Curved Track Section
40-1002 \$5.29



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

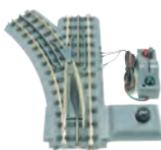


RealTrax - O-82 Curved Track Section
40-1082 \$7.49

Switches



RealTrax -
O-31 Switch (RH)
40-1004 \$69.95



RealTrax -
O-31 Switch (LH)
40-1005 \$69.95



RealTrax -
O-42 Switch (RH)
40-1043 \$74.95



RealTrax -
O-42 Switch (LH)
40-1044 \$74.95



RealTrax -
O-54 Switch (LH)
40-1056 \$79.95



RealTrax -
O-72 Switch (LH)
40-1021 \$89.95

RealTrax -
O-54 Switch (RH)
40-1055 \$79.95

RealTrax -
O-72 Switch (RH)
40-1020 \$89.95



RealTrax -
O-72 Wye Switch
40-1068 \$89.95

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 \$34.95

O Girder Bridge - Silver
40-1102 \$34.95

O Girder Bridge - Black
40-1106 \$34.95

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 \$119.95

O 2-Track Steel Arch Bridge - Silver
40-1107 \$119.95

O 2-Track Steel Arch Bridge - Black
40-1111 \$119.95

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



O Steel Arch Bridge - Rust
40-1103 \$79.95

O Steel Arch Bridge - Silver
40-1101 \$79.95

O Steel Arch Bridge - Black
40-1105 \$79.95

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

Includes Flashing Bridge Beacon



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



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

100 WATT POWER SUPPLY!



Power & Track Pack
40-1071 \$199.95



RealTrax - 24-Piece Graduated Trestle System
40-1033 \$69.95
RealTrax - 24-Piece Graduated Trestle System
For Lionel FasTrack
40-1113 \$69.95



RealTrax - 8-Piece Elevated Trestle System
40-1034 \$39.95
RealTrax - 8-Piece Elevated Trestle System
For Lionel FasTrack
40-1134 \$39.95



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

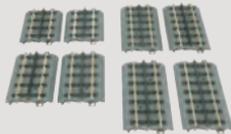


RealTrax -
Lighted Bumper
40-1024 \$14.95

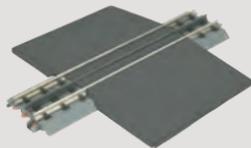


RealTrax - Track Activation
Device (I.T.A.D.)
40-1028 \$29.95

Layout Builders



RealTrax - Layout Builder (8 Pcs)
40-1023 \$34.95
(Contains: (2) 3.5" Half Tracks, (2) 4.25"
Half Tracks, (2) 5.0" Half Tracks, (2) 5.5"
Half Tracks)



RealTrax - Grade Crossing
40-1009 \$9.95

RealTrax - Figure 8 Layout Builder
40-1025 \$69.95
(Contains: (4) 0-31 Curves, (4) 10" Straights,
(1) Lighted Lockon, (1) 90 Degree Crossover)



RealTrax - Right Hand Track
Siding Layout Builder
40-1027 \$109.95
(Contains (1) Right-Hand 0-31 Switch, (4)
10" Straights, (1) 0-31 Curve, (1) RealTrax
Bumper)

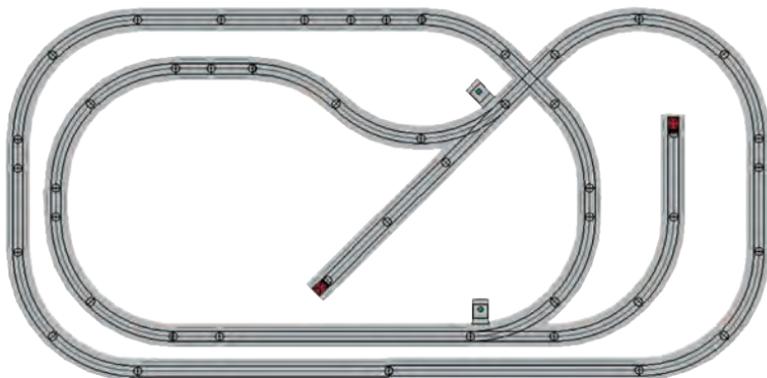
RealTrax - Left Hand Track
Siding Layout Builder
40-1026 \$109.95
(Contains (1) Left-Hand 0-31 Switch, (4)
10" Straights, (1) 0-31 Curve, (1) RealTrax
Bumper)



(Contains (1) 0-72 Wye
Switch, (6) 10" Straights,
(2) Lighted Bumpers,
(2) 0-72 Half Curves)

RealTrax
0-72 Wye Switch Spur Layout Builder
40-1069 \$164.95

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

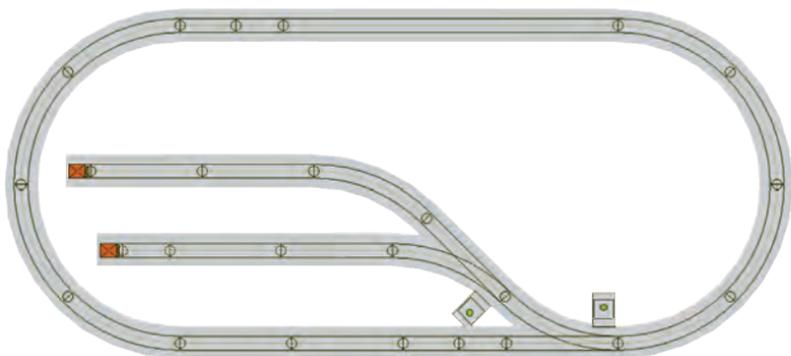
THE SCENIC ROUTE

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

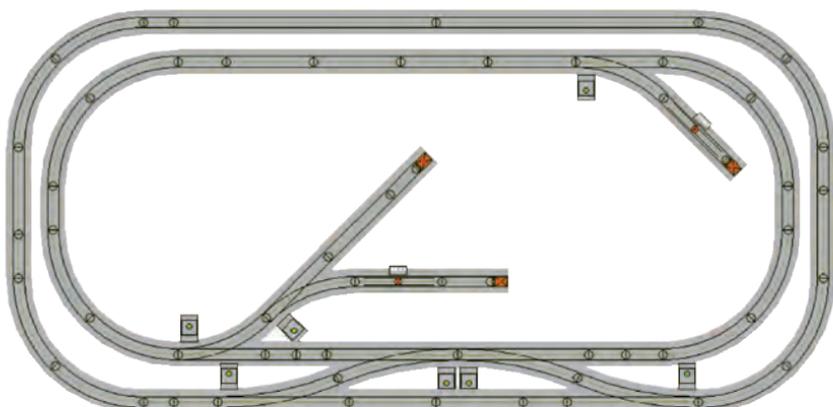
- (9) MTH 40-1002 0-31 curve
- (1) MTH 40-1019 30 in straight
- (3) MTH 40-1017 4.25 in straight
- (2) MTH 40-1016 5.0 in straight
- (1) MTH 40-1004 O31 righthand switch
- (1) MTH 40-1005 O31 lefthand switch
- (6) MTH 40-1001 10 inch straight
- (2) MTH 40-1024 track bumper

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.

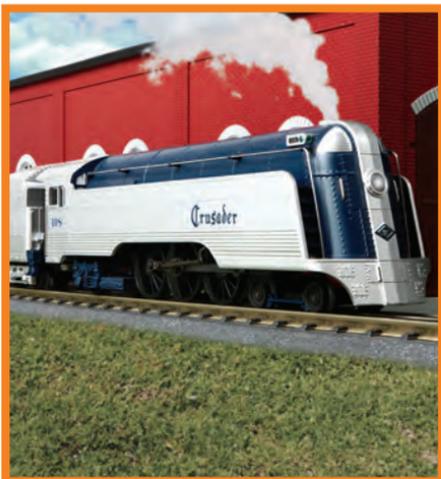
SHAPE

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.

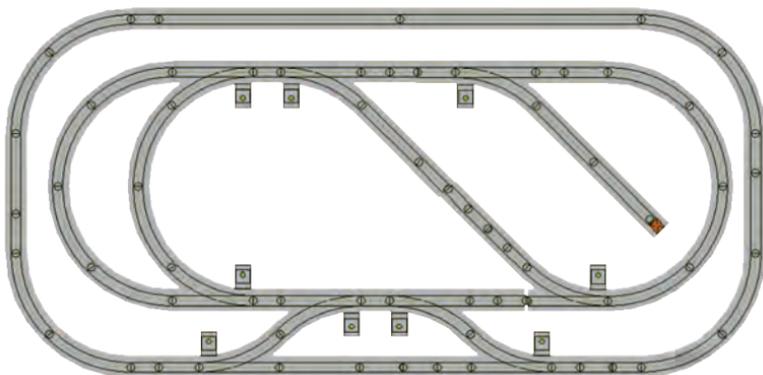
These kinds of limitations can radically change the track plan of your railroad. In addition, these sorts of small intrusions into other space can provide areas of expansion for a more conventional train table line that needs room to grow.

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



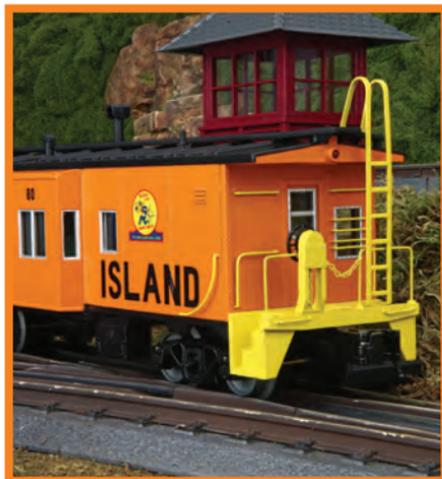
Just as the name implies, this track plan really packs in the activity! As many tracks as will fit, plus all the operating accessories to keep them humming, make this a great plan for the modeler who likes to keep their freight trains busy. With two tracks, you can keep a train rolling at all times while 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 031 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 031 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.



ScaleTrax Features

- Solid, rust-proof nickel silver rails
- Durable ties for years of use
- Easy, snap-together assembly
- Built-in electrical connections eliminate need for rail joiners or track pins
- Built-in Lockon receptacle in every track
- Non-derailing switches
- Snap-in, reversible switch motors
- Compatible with virtually all three-rail locomotives and cars

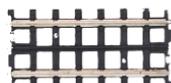
IT TAKES **EIGHT O-31 CURVES** TO MAKE A CIRCLE.
 IT TAKES **SIXTEEN O-54 CURVES** TO MAKE A CIRCLE.
 IT TAKES **SIXTEEN O-72 CURVES** TO MAKE A CIRCLE.
 IT TAKES **SIXTEEN O-80 CURVES** TO MAKE A CIRCLE.



Learn more: Download our 16-page ScaleTrax brochure at www.mthtrains.com



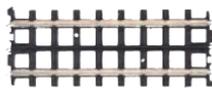
ScaleTrax - 5.0" Track Section
45-1013 \$4.49



ScaleTrax - 4.25" Track Section
45-1012 \$4.49



ScaleTrax - 1.75" Track Section
45-1011 \$2.99



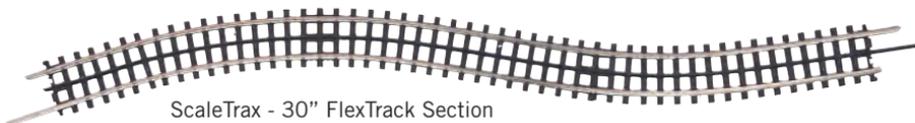
ScaleTrax - 5.5" Track Section
45-1014 \$4.49



ScaleTrax - 10" Straight Track Section
45-1001 \$4.99



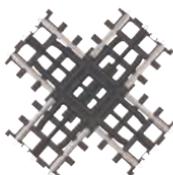
ScaleTrax - 30" Track Section
45-1019 \$14.99



ScaleTrax - 30" FlexTrack Section
45-1049 \$14.99



ScaleTrax - 22.5° Crossing
45-1015 \$24.95



ScaleTrax - 90° Crossing
45-1005 \$19.95



ScaleTrax - 45° Crossing
45-1006 \$19.95



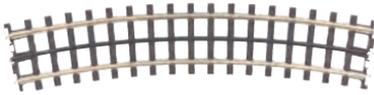
ScaleTrax - 15" Operating Track Section
45-1035 \$24.95



ScaleTrax - Bumper
45-1025 \$15.95

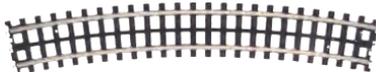


ScaleTrax - 0-31 Curved Track Section
45-1002 \$4.99



ScaleTrax - 0-54 Curved Track Section
45-1007 \$5.99

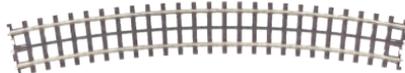
ScaleTrax - ITAD
45-1028 \$34.95
Enables passing train to
activate signals and other
accessories.



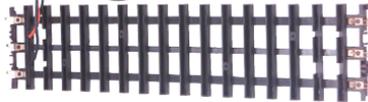
ScaleTrax - 0-72 Curved Track Section
45-1010 \$6.99



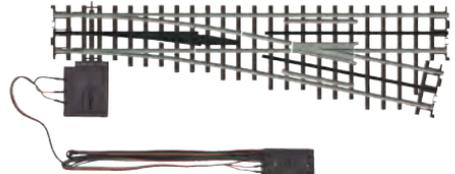
ScaleTrax - Lockon
45-1033 \$4.99
Track Not Included



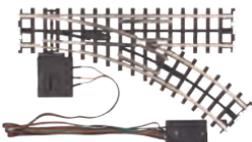
ScaleTrax - 0-80 Curved Track Section
45-1034 \$7.49



ScaleTrax - No. 6 Switch (LH)
45-1052 \$89.95
ScaleTrax - No. 6 Switch (RH)
45-1053 \$89.95



ScaleTrax - No. 4 Switch (LH)
45-1050 \$89.95
ScaleTrax - No. 4 Switch (RH)
45-1051 \$89.95



ScaleTrax - 0-31 Switch (RH)
45-1004 \$69.95
ScaleTrax - 0-31 Switch (LH)
45-1003 \$69.95



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



ScaleTrax - 0-54 Switch (RH)
45-1009 \$79.95
ScaleTrax - 0-54 Switch (LH)
45-1008 \$79.95

POWER UP

with the best transformers in model railroading!



Z-1000™ Transformer
40-1000 \$129.95
100-Watt Accessory Power Supply
40-1000A \$89.95
With 14 Volt Accessory Port

100
Watts

Whether you operate with conventional AC power or the M.T.H. Digital Command System (DCS), our UL-approved transformers offer the best way to power your layout. Choose the 100-watt Z-1000™ for a small- to medium-sized layout, or step up to the 400-watt, feature-laden Z-4000®, the most powerful UL-approved transformer in the hobby. All M.T.H. AC transformers offer:

- Incredibly smooth, wide range throttle for precise speed control
- Bell and whistle/horn buttons that work with all makes of AC-powered locomotives
- Fast-acting circuit breakers to protect your equipment
- Continuous useable wave power output, compatible with all AC-powered engines



RailKing Controller Set
40-750C \$59.95

Includes Z Transformer Controller, RealTrax lock-on (40-1003), RealTrax wire harness (40-1015)



TIU/Barrel Jack Adapter Cable
50-1017 \$10.95

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



RealTrax Wire Harness
40-1015 \$4.99

DC Transformers



Z-DC1 DC Transformer
40-200 \$29.95

20
Watts

Z-DC300 30 Watt DC Transformer
40-300 \$89.95



30
Watts

- U.L. Approved
- Smooth Operating Throttle Knob
- Built-In Circuit Breaker Protection

400 Watts!

The Most Powerful

UL Listed AC Transformer!

Learn More About It

The instruction manual for every M.T.H. transformer is available at www.mthtrains.com

Just look up the transformer in our *Product Search* feature.



Z-4000® Transformer
40-4000 \$499.95
Two throttles, each with its own complete set of controls, plus 10-volt and 14-volt accessory outputs

Accepts bare wires, spade lugs, or banana plugs (recommended) for easy connections

Rear Panel Outputs



0-22 Volts Track Power (10 AMP)

10-Volt Accessory Power (3 AMP)

14-Volt Accessory Power (3 AMP)

0-22 Volts Track Power (10 AMP)

WHY THE UL OR SP LISTING?

To protect our customers and their trains, M.T.H. Electric Trains is committed to manufacturing safe, UL or CSA approved transformers and power supplies. By subjecting our transformers to the strenuous tests and requirements of Underwriters Laboratories and/or CSA, M.T.H. helps ensure that our products meet the same requirements as other consumer electronics sold today. When choosing a new transformer, model railroaders should only look for those that have received a UL or CSA listing.

M.T.H. Railroaders Club

JOIN THE CLUB There are **SEVEN** different types of memberships, based on the style of model railroading that most interests you.
JOIN ONLINE! IT'S EASY - JUST GO TO WWW.MTHTRAINS.COM

RailKing Membership



30-75634 MTHRRRC
PS-2 Discharge Hopper Car
RailKing Membership is \$50.00

Premier Membership



20-97909 Bessemer & Lake Erie (MTHRRRC)
4-Bay Hopper Car
Premier Membership is \$55.00

HO Membership



85-77016 Santa Fe (MTHRRRC)
Steel Caboose
HO Membership is \$30.00

S-Gauge Membership



35-74025 Pullman Standard (MTHRRRC)
Rebuilt Steel Box Car
S-Gauge Membership is \$55.00

One-Gauge Membership



70-75073 Bessemer & Lake Erie (MTHRRRC)
4-Bay Hopper Car
One-Gauge Membership is \$100.00

Tinplate Standard Gauge Membership



10-2249 MTHRRRC
No. 216 Std. Gauge Coal Car
Tinplate Membership is \$120.00



Basic Membership

60-1000 - The Basic Club Membership does not include a club car
Basic Membership is \$25.00

AS A MEMBER OF THE M.T.H. RAILROADERS CLUB YOU'LL RECEIVE:



Limited-Edition Club Car



Each year we produce beautifully decorated cars exclusively for our Club members. Members automatically receive the car that matches their Club membership (RailKing, Premier, Tinplate, S Gauge, HO, or One Gauge) and have the option to collect the other Club cars as well.

The CrossingGate™ Club Magazine

You will receive our quarterly full color Club magazine, jam-packed with product news, layout visits, rail history, and step-by-step articles on how to enjoy M.T.H. products even more.



1st Class Mailing of M.T.H. Catalogs

Club Members get all of our catalogs earlier than all our other mailing list members, via First-Class mailings, so they can order from their local train store before the best items are sold out.



RailWare™ Software DVD

Use your computer to design track layouts, search the database of all M.T.H. products, look at our past catalogs, listen to Proto-Sound 3.0 train effects, and much more. This DVD retails for \$79.95, but is yours FREE as a Club member.

Unique Club Products and Discounts



You'll have the option to purchase uncataloged members-only engines and rolling stock, and take advantage of members-only discounts on select cataloged items.

Club Card & Lapel Pin



Show the world your membership in this elite group of model railroaders with your high-quality embossed membership card and beautiful enameled lapel pin.

Proto-Sound@ 3.0 Upgrade Kits

Club members can save an additional 15% on these kits for upgrading older locomotives.

Club Web Site

Visit www.mthtrains.com & type in your member number to gain access to the Club web site. Here you can exchange messages with other Club members, and even build your own homepage.

CARRY ON THE M.T.H. TRADITION WITH MEMORABILIA AND COLLECTIBLES

MTH Promotional DVD

This interactive DVD is packed full of sights & sounds guaranteed to make you rethink how far the hobby of model railroading has come. You'll learn about some of the most innovative products ever produced and marvel at the sophistication of a product line unmatched by other model train manufacturers.

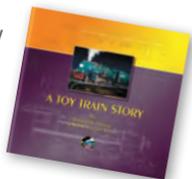
Previous Year Club Cars

MTHRRRC members can still obtain earlier produced MTHRRRC cars by visiting the MTHRRRC pages on the website. Only MTHRRRC members can get these cars!



A Toy Train Story

This comprehensive history of M.T.H. is a must for toy train hobbyists. 350 pages & 1900 color photos, hard cover. Add this book to your membership for only \$25.00 (50% off the \$49.95 cover price)!



We don't think we're exaggerating when we say M.T.H. has the most useful train manufacturer's site on the Internet. Here's just a sample of the answers you can find online.



WHAT'S THE LATEST INFO ON ...?

Use Product Search to find the latest info on new products before they're delivered — sound sets, cab numbers, feature and paint scheme updates, and other information that arrived after the catalog was published.

DID YOU EVER MAKE?

Use Product Search to search through the more than 30,000 items we've made in the past 39 years, for your favorite road name, engine, or type of rolling stock.

DOES ANY DEALER STILL HAVE ...?

Locate hard-to-find items with our Product Locator, which searches the inventories of M.T.H. dealers across the country.



HOW DOES IT WORK?

Misplaced an instruction manual or just want to know how a product works? Use Product Search to look up the item and view its instruction manual.



WHEN IS IT COMING?

Our online Shipping Schedule is updated frequently to let you know what's coming soon to your hobby shop.

ARE YOU GOING TO MAKE?

View the last several M.T.H. Catalogs online. Or click on Video to see M.T.H. products in action.

HOW CAN I LEARN MORE ABOUT DCS?

Go to mthtrains.com/dcs and Proto-Sound information — and a list of Authorized DCS Demo Centers where you can try DCS hands-on.

HOW CAN I UPDATE MY DCS SYSTEM OR CHANGE A SOUND SET?

Only M.T.H. allows you to update your control system or change an engine's sound set right over the Internet. Go to mthtrains.com/dcs for DCS and Proto-Sound 2.0 and 3.0 downloads.



HOW CAN I FIX...?

The Service area of our site allows you to email a question to our factory technicians or find which of our 150+ local service centers is closest to you.

WHAT REPAIR PART DO I NEED?

Use Product Search to find exploded diagrams and parts lists for M.T.H. locomotives and accessories, and then order the parts online or by phone.



To get the news as it happens, sign up for our free weekly electronic newsletter, with information on new M.T.H. products, industry news, and sneak peeks at upcoming specials! Just go to mthtrains.com and click on Newsletter Signup.

WHAT'S NEW?

New arrivals and other news are posted frequently on our home page.

Not all products depicted in this catalog are production models. In some cases, the items pictured may be HO, O Scale or some other scale product. All item's graphic features and content are subject to change after publication. All product features may be verified on their retail packages. M.T.H. Electric Trains is in no way affiliated with any of the railroads featured in this catalog.

©2019, M.T.H. Electric Trains,
7020 Columbia Gateway Drive
Columbia Maryland 21046-1532
www.mthtrains.com - (410) 381-2580

MTH Trademarks: M.T.H. Electric Trains®, M.T.H.®, MTH Railroaders Club™, Ives®, Loco-Sound™, Proto-Sound® 2.0, Proto-Sound® 3.0, Proto-Speed Control™, Proto-Doppler™, Proto-Dispatch™, Proto-Cast™, ProtoSmoke™, Proto-Coupler™, Proto-Effects™, Proto-Scale 3-2™, RaiKing®, Rugged Rails®, RaiKing One-Gauge™, RailTown™, Tinplate Traditions™, ScaleTrax™, RealTrax®, Z-500™, Z-750™, Z-4000®, Z-1000™, DCS ...simply the best

way to run a railroad™. Build a World of Your Own in Three Dimensions™, A World of Your Own in Three Dimensions™, Remote Commander™, DCS™ and the MTH Numbering System and all others indicated throughout this catalog. RealTrax® layouts created with RR-Track™ which is a registered trademark of R&S Enterprises.

Greyhound is a registered trademark of the Greyhound Lines, Inc.

Products bearing Southern Pacific, Denver & Rio Grande, Pacific Fruit Express and Union Pacific marks are made under trademark license from Union Pacific Railroad Company.

Lionel is a registered trademark of Lionel Trains LLC. FasTrack®, TMCC®, TrainMaster®, CAB-1® Remote Controller, and Lionel® are all registered trademarks owned by Lionel L.L.C. All Rights Reserved.

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. 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. Some images used in this publication ©2018 www.clipart.com

DCS™ WiFi

BY MTH ELECTRIC TRAINS
DIGITAL COMMAND SYSTEM™

Simply the Best Way to Run a RailRoad™



View Our Full O Gauge Lineup Online



Go to
www.mthtrains.com
and click on
“Catalogs”

WWW.MTHTRAINS.COM

© 2019 M.T.H. Electric Trains
7020 Columbia Gateway Drive, Columbia, Maryland 21046

