

2012 Ready-To-Run

O Gauge & Tinplate Train Sets & Accessories



MTH
ELECTRIC TRAINS®

The Highest Quality Train Sets You Can Buy

A World of Your Own



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.

in Three Dimensions

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 Christmas and M&M'S® sets.



Each of our ready-to-run sets includes everything you need to get started, all in one box. To expand your layout, we offer well over a hundred RailTown™ buildings and accessories; track systems in HO, O Gauge, and Standard Gauge; and a variety of safe, UL-approved transformers.

Start With the Best

Like the toy trains of decades ago, our trains are designed to provide years of enjoyment and stand up to childhood play. 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 offer more features.

We invite you now to turn the page and see what we have to offer. We hope you'll find items in this catalog that will surprise and delight you, and encourage you to begin a model railroading adventure of your own.

See it in Action!

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

www.mthtrains.com

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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 the handheld Remote Digital Commander* as you walk around your layout:

Great Smoke

Our steam engines feature fan-driven ProtoSmoke™, the most powerful smoke system in the hobby.

Speed Control

Many toy trains have two speeds: fast and faster. Most

M.T.H. locomotives feature Proto-Sound® sound and control systems that allow our engines to throttle down to a s-l-o-w crawl, 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 authen-

tic 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

O Gauge 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.**

* Some sets cataloged as Proto-Sound 2.0 or Proto-Sound 3.0 include the Remote Digital Commander; trolley set and diesel sets cataloged as "horn and bell" do not include the Commander.

** HO sets do not feature remote uncoupling.

THREE WAYS to get started in MODEL RAILROADING

Model trains come in several styles and a number of sizes, which model railroaders call “scales” or “gauges.” M.T.H. offers three types of train sets that will get you off to a great start — whether you’re looking for a hobby, a terrific toy, or just a train to run on the holidays:

HO Ready-to-Run

Built to a scale of 1/87 the size of the real thing, HO gauge trains represent the most popular size in model railroading — and the one with the largest variety of available products. In HO, you can fit a lot of railroad into a relatively small space, as HO trains are about half the size of comparable O gauge models. M.T.H. HO sets are fully compatible with all other brands of HO trains and can serve as the foundation of an HO empire.

RailKing® O Gauge

O gauge has been the most popular size for children’s starter sets for more than half a century. Their large size, relative to HO, makes O gauge trains easy for children to handle and better at standing up to the rigors of childhood play. Impressive size and weight also make an O gauge train a memorable toy than can leave a long-term impression.

Lionel Corporation Tinplate

Made of stamped or die-cast metal and boasting bright, colorful paint schemes, tinplate trains hark back to the toys of another era, the pre-World War II decades of the twentieth century. This was a period when silent movies and then radio were among the chief forms of entertainment, and playthings were not intended to be realistic, but to serve as springboards for a child’s imagination. In that world, the toy train was king, proclaimed by Popular Mechanics as “The One Toy That Guarantees a Happy Childhood.” Journey back to that era with our Lionel Corporation Tinplate reproductions of Lionel trains of the 1920s and ‘30s, updated with modern Proto-Sound electronics for even more fun.



The Highest Quality Train Sets You Can Buy

QUALITY AND VALUE

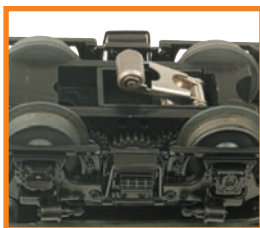
Compare Before You Buy

At M.T.H., we consider the ready-to-run train set our best opportunity to make a great impression on any newcomer to the wonderful world of 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, Transformer, Interactive DVD with Track Layout Software and Operator's Manual.



Every M.T.H. passenger car has a lighted interior and metal trucks and couplers.



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 nickel-silver, rust proof track, built to stand up to the rigors of childhood play. You can even stand on the o gauge track.



M.T.H. train sets feature powerful transformers and remote control that can handle long trains as your railroad expands.



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* (except trolleys) 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 wires to connect to transformer
- UL-approved 50-watt Z-500™ with DCS Remote Commander handheld remote control or Z-Controller.
- RailWare interactive™ DVD with track layout software

Check online for all O Gauge sets specific contents and features.

O Gauge Lionel Corporation Tinplate 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 wires to connect to transformer
- UL-approved 50-watt transformer with Digital Remote Control or Z-Controller
- RailWare interactive™ DVD with track layout software

Standard Gauge Lionel Corporation Tinplate Sets include:

- Locomotive
- 2-Car passenger or freight consist
- 8-piece 42" circle of Standard Gauge track
- Lighted track Lock-On, with wires to connect to transformer
- UL-approved 50-watt transformer with Digital Remote Control or Z-Controller



LOCOMOTIVE FEATURES

RailKing O Gauge and Lionel Corp. Tinplate Proto-Sound 2.0 or 3.0 Steam Engines Feature:

- Die-cast metal boiler and chassis on RailKing O gauge models
- Sheet metal boiler and die-cast metal chassis on Lionel Corp. Tinplate models
- Flywheel-equipped motor
- Synchronized puffing ProtoSmoke™
- Operating headlight
- All-metal wheels and gears
- Proto-Sound® 2.0 or 3.0 sound and control system featuring CD-quality 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 (not featured on Standard Gauge 384 locomotives)

O Gauge RailKing Diesel Engines Feature:

- Intricately detailed, durable ABS body
- Metal frame
- Die-cast metal pilots and trucks
- Twin flywheel-equipped motors
- Operating headlight
- All-metal wheels and gears
- 2 remotely controlled Proto-Couplers™
- Proto-Sound 2.0 or 3.0 sound and control system featuring locomotive speed control and CD-quality digital sounds that include horn, bell, diesel motor, Passenger or Freight Station Proto-Effects™, crew conversations, and atmospheric sounds.*



Christmas 4-6-0 Steam Passenger Set



Christmas - 4-6-0 Steam Passenger R-T-R Train Set
30-4218-1 Proto-Sound 2.0 \$399.95

The holiday season and toy trains have always gone together. What better way to create your family's own version of this classic tradition than to include a beautifully decorated Christmas set around your holiday tree. Trimmed in traditional Christmas colors, the M.T.H. Christmas Express set captures the spirit and fun of model railroading in an affordable train set that will last for years.

The unique, CD-quality sounds of the Christmas Express will amaze your friends and family. Imagine their faces when the whistle wails, the bell clangs, or the conductor announces Santa's next station stop! Of course, seeing the puffing smoke from the locomotive as it pulls its three-car consist with die-cast metal trucks and operating metal couplers is even more impressive and tells all who see it that this is one great set. For even more fun, add Santa's coal hopper or smoking hot chocolate car. As with all RailKing Ready-to-Run sets, the Christmas Express includes a 12-piece RealTrax oval that assembles in minutes and can be placed right on the carpet or floor for a temporary holiday layout.





Christmas - O-27 Madison Diner Car
33-6248 \$54.95

Christmas - O-27 Madison Coach Car
33-6247 \$54.95



Christmas - O-27 Madison Baggage Car
33-6250 \$54.95



Pennsylvania 4-6-0 Steam Freight Set



Pennsylvania - 4-6-0 Steam Freight R-T-R Train Set

30-4215-1	Proto-Sound 3.0	\$399.95
30-4208-0	Loco-Sound	\$329.95

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. Its 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. With its huge plumes of puffing smoke, deep chuffing sound, and wailing whistle, it's easy to imagine you're battling your way west across Horseshoe curve to deliver the goods to Chicago or St. Louis. For even more fun, add extra cars decorated for the Pennsylvania and other railroads — this heavy, die-cast steam locomotive has plenty of power to pull them.





O
Gauge



Pennsylvania - 4-Bay Hopper
30-75408 \$49.95



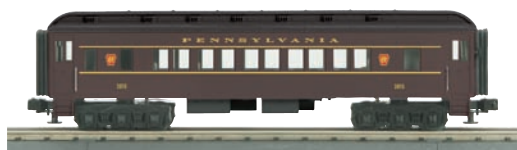
Pennsylvania - Box Car
30-74683 \$49.95



Pennsylvania 4-6-0 Steam Passenger Set



Pennsylvania - 4-6-0 Steam Passenger R-T-R Train Set
30-4216-1 Proto-Sound 3.0 \$419.95



Pennsylvania - O-27 Madison Coach Car
33-6244 \$54.95



Pennsylvania - O-27 Madison Diner Car
33-6245 \$54.95



Pennsylvania - O-27 Madison Combine Car
33-6246 \$54.95

The Broadway Limited was the premier train of the premier railroad in America. In an era before air travel was common, the Pennsylvania Railroad's Broadway — along with its rival, the New York Central's Twentieth Century Limited — were the way to travel between New York and Chicago in style. At the end of a long day at work, you could board the train, have a gourmet dinner in the diner while the porter made up your bed, be rocked to sleep by the gentle motion of your sleeping car, wake up to a fine breakfast, and arrive at your destination in time for a morning meeting.

Imagine you're a CEO or movie star taking in the view from the rear platform of the observation car, as the locomotive's whistle echoes off the Appalachian mountainsides. Our recreation of the Pennsy's finest name train features realistic whistle, bell, and steam chuff sounds, huge plumes of puffing smoke, and station announcements for the Broadway Limited. For even more fun, add extra lighted passenger cars, each with interior detail — this heavy, die-cast steam locomotive has plenty of power to get them over the mountains.



Amtrak F40 Amfleet Passenger Set



Amtrak - F40 R-T-R Amfleet Passenger Train Set
30-4204-1 Proto-Sound 2.0 \$399.95

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.



With a sleek, rounded body that looks more like an aircraft fuselage than a traditional passenger car, the first of nearly 650 new Amfleet cars was delivered in 1975, enabling Amtrak to begin retiring the so-called "heritage fleet." Our Amfleet set replicates the diesel-powered Amfleet consists than can be seen almost anywhere that Amtrak goes, except the electrified portions of the Northeast Corridor. Equipped with Proto-Sound 3.0, this set's locomotive features Proto-Speed control for smooth and constant speeds from a crawl to full throttle; remote coupler operation; and a full symphony of train sounds, from passenger station announcements to diesel sounds, wailing horn, and crew conversations.



Amtrak - 2-Car O-31 Amfleet Coach Set
30-6520 \$99.95



BNSF SD70ACe Diesel Freight Set



BNSF - SD70ACe Diesel R-T-R Deluxe Freight Train Set
30-4220-1 Proto-Sound 3.0 \$419.95

These intermodal double-stack freight trains are the hottest traffic in railroading today. Intermodal containers are loaded at factories that make products from toys to refrigerators and shipped to customers halfway around the world by boat, train, and truck. Shipments are door-to-door, with containers packed and unpacked only once, no matter how many forms of transportation they take. This makes intermodal transport safer, cheaper, and less damage-prone than older forms of freight shipment. While container sizes are standard the world over, the United States is one of the few countries that can handle extra-height double-stack trains.



BNSF - Flat Car with Trailer
30-76462 \$54.95



BNSF - 40' High Cube Box Car
30-74686 \$49.95

At the head of these double-stack freights is the Electro-Motive Diesel SD70ACe, EMD's most modern and "greenest" locomotive. Its 16-cylinder, 4300 horsepower motor was designed to meet the Environmental Protection Agency's Tier-2 emissions requirements that took effect in 2005, and this engine delivers 10 percent more



Norfolk Southern SD70ACe Diesel Freight Set



Norfolk Southern - SD70ACe Diesel
R-T-R Deluxe Freight Train Set
30-4219-1 Proto-Sound 3.0 \$419.95



Norfolk Southern - 40' High Cube Box Car
30-74685 \$49.95



Norfolk Southern - Flat Car with Trailer
30-76461 \$54.95

Horsepower with 50 percent less emissions than its predecessor. In addition to the diesel motor, virtually every element of the SD70ACe has been re-thought to create a 21st century locomotive.

Our superbly detailed, top-of-the-line RailKing Imperial model of this modern freight mover features a full range of locomotive sounds recorded from an actual SD70ACe diesel. Outfitted with twin powerful flywheel-equipped motors, all-metal wheels and gears, and our revolutionary Proto-Speed Control™, our SD70ACe will haul long freights at any speed from a crawl to full throttle. These modern freight sets include three detailed intermodal flat cars with double-stack loads, and model the Burlington Northern Santa Fe Railroad as it speeds through the American southwest, or the Norfolk Southern's service east of the Mississippi. The trailing car even includes an operating end of train device!



CSX SD70ACe Diesel Freight Set



CSX - SD70ACe Diesel R-T-R Deluxe Freight Train Set
30-4213-1 Proto-Sound 2.0 \$399.95

These intermodal double-stack freight trains are the hottest traffic in railroading today. Intermodal containers are loaded at factories that make products from toys to refrigerators and shipped to customers halfway around the world by boat, train, and truck. Shipments are door-to-door, with containers packed and unpacked only once, no matter how many forms of transportation they take. This makes intermodal transport safer, cheaper, and less damage-prone than older forms of freight shipment. While container sizes are standard the world over, the United States is one of the few countries that can handle extra-high double-stack trains.



CSX - Husky Stack Car
30-76469 \$59.95

At the head of these double-stack freights is the Electro-Motive Diesel SD70ACe, EMD's most modern and "greenest" locomotive. Its 16-cylinder, 4300 horsepower motor was designed to meet the Environmental Protection Agency's Tier-2 emissions requirements that took effect in 2005, and this engine delivers 10 percent more horsepower with 50 percent less emissions than its predecessor. In addition to the diesel motor, virtually every element of the SD70ACe has been re-thought to create a 21st century locomotive.



UP SD70ACe Diesel Freight Set



Union Pacific - SD70ACe Diesel R-T-R Deluxe Freight Train Set
30-4214-1 Proto-Sound 2.0 \$399.95

Our superbly detailed, top-of-the-line RailKing Imperial model of this modern freight mover features a full range of locomotive sounds recorded from an actual SD70ACe diesel. Outfitted with twin powerful flywheel-equipped motors, all-metal wheels and gears, and our revolutionary Proto-Speed Control™, our SD70ACe will haul long freights at any speed from a crawl to full throttle. These modern freight sets include three detailed intermodal flat cars with double-stack loads, and model the Norfolk Southern Railroad's service east of the Mississippi. The trailing car even includes an operating end of train device!



Union Pacific - 40' High Cube Box Car
30-74648 \$49.95

Union Pacific - Husky Stack Car
30-76468 \$59.95



Santa Fe F-3 Diesel Passenger Set



Santa Fe - F-3 R-T-R Passenger Train Set
30-4222-1 Proto-Sound 3.0 \$349.95



Santa Fe - O-27 Streamlined Full-Length Vista Dome Car
33-6056 \$54.95



Santa Fe - O-27 Streamlined Coach Car
33-6054 \$54.95



Santa Fe - O-27 Streamlined Combine Car
33-6055 \$54.95



For luxury travel between Chicago and Los Angeles, the Santa Fe was the way to go. Highballing through the Southwest's deserts and mountains, Santa Fe streamliners like the Chief, Super Chief, and El Capitan were rolling hotels where one could eat like a king and be lulled to sleep by the gentle rhythm of the rails. Santa Fe streamliners were a favorite means of travel for movie stars, and in 1951 the railroad was the first to introduce dome cars on the Chicago-L.A. route.

Imagine you're on your way to Hollywood in this Santa Fe passenger set. Each car (except the baggage car) has a detailed, lighted interior. The engine features authentic Santa Fe station announcements and CD-quality bell, horn, and diesel motor sounds. Add additional matching cars for even more fun - this twin-motored diesel has plenty of power to pull them!

Trolley Ready-To-Run Sets



Introduce someone you love to model railroading with the magic of a RailKing® Ready-To-Run trolley set or take advantage of the way it complements your own holiday decor when set up around the Christmas tree.

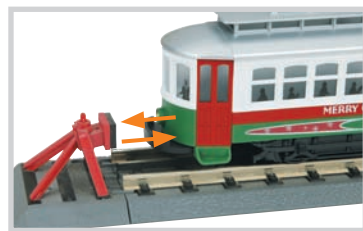
The colorful trolley features a lighted interior, metal wheels and gears and a long-lasting motor. The unit operates on any O Gauge track system including the easy-to-assemble RealTrax system found inside each set. Optional track bumpers can be added to take advantage of the Automatic Bumper Reversing Mechanism (ABRM) that changes the trolley's direction when it hits a track bumper.



Christmas - Trolley Train Set
30-4172-1 \$129.95



M&M'S® Brand - Trolley Train Set
30-4191 \$129.95



Bumpers Not Included



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Christmas 249E O Gauge Passenger Set



Christmas - 249E O Gauge Steam Passenger Train Set

11-5505-1	Proto-Sound 2.0	\$499.95
11-5505-0	Traditional	\$499.95

The Lionel catalog for 1936 introduced the new 249 as a “high speed powerful conventional locomotive with chrome plated trimmings and a wealth of embossed details.” While less expensive, less elaborate and smaller than the 260E and its successor the 263, the 249 was nonetheless lauded in Lionel’s catalog for its prototype accuracy. A picture looking forward from approximately the engineer’s point of view noted that, “Looking alongside the new No. 249E gives the same picture a real engine would — with piping, air compressors, domes and drivers correctly proportioned, accurately detailed and brilliantly chromium plated.”

Sharing the same motor as its larger brethren, the 249 was cataloged until 1939 and was part of the last hurrah of tinplate. When the 249 disappeared from the line, the production of high-quality, sheet-metal trains had passed into history.

Relive the colorful final days of tinplate — with the added excitement that a child in the 1930s could only dream about: synchronized puffing smoke, vibrant locomotive sounds, passenger station terminal announcements, and a “Box-Type” Proto-Coupler™ on the tender that can be remotely activated from the transformer. You’ll find all this and more with a 249 locomotive passenger set featuring colorful 600 series passenger cars.



LIONEL ELECTRIC TRAINS

MODEL RAILROAD ACCESSORIES
LIONEL CORPORATION TINPLATE



Christmas - 605 Baggage Passenger Car
11-80015 \$89.95



Christmas - 607 Coach Passenger Car
11-60033 \$89.95



No. 299 Outfit Freight Set

LIONEL ELECTRIC TRAINS
MODEL RAILROAD ACCESSORIES
LIONEL CORPORATION TINPLATE



No. 299 Outfit Freight Set

11-5506-1	Proto-Sound 2.0	\$449.95
11-5506-0	Traditional	\$449.95



Introduced in 1927, the 254E was the first in a new line of Lionel "O" gauge locomotives that came equipped with a Lionel Distance Control Super-Motor. This heavily stylized recreation of Milwaukee Roads famous EP-2 Bipolar, boasted a 0-4-0 wheel arrangement and a die cast zinc frame. The original 254E's body was stamped from a single piece of steel, setting it apart from the 150-series locomotives, which were typically made of a four-piece frame. Through 1934 these powerful locomotives hauled "twice as many cars as any other make".

Greatly enhancing the value, outfit No. 299 included the 254E engine, as well as the No. 814 boxcar, 812 gondola car, the No. 813 cattle car, and the No. 819 caboose. When this set was introduced in 1929 it also came with eight sections of OC curved track, six sections of OS straight track, one controlling rheostat, and No. 068 warning signal, and one OTC "Lockon" connection. This set allowed boys to "see the amount of realistic detail embodied in these splendid O gauge trains".

Outfit No. 299 joins the Lionel Corporation lineup in its original Olive green color scheme. Enjoy the quintessential Lionel detailing with modern touches such as ProtoSound 2.0, directionally controlled headlights, and speed control. This "ideal locomotive" will be a welcome addition to any traditional Lionel layout.



No. 269E Distant Control Freight Set

LIONEL ELECTRIC TRAINS
MODEL RAILROAD ACCESSORIES
LIONEL CORPORATION TINPLATE



No. 269E Distant Control Freight Set

11-5507-1	Proto-Sound 2.0	\$499.95
11-5507-0	Traditional	\$499.95

While Lionel's 1930 catalog described it as "A real locomotive in all but size," standard gauge steam engines like the 384 were not so much scale models as cartoon-like caricatures: wildly oversized drivers, bright brass or nickel trim, colorful, gleaming paint, and a cast iron frame topped by a sheet metal boiler and cab. Our Lionel Corp. Tinplate No. 384 set replicates the starter sets that gladdened the heart of many a child on a holiday or birthday in the early 1930s — with one exception.



Yellow & Brown - No. 2655 O Gauge Box Car
11-70057 \$59.95

Thanks to Proto-Sound 2.0 electronics, our 384 steamer delivers smoother operation than any original standard gauge locomotive, as well as huge plumes of puffing smoke — timed to the drivers' revolutions — and passenger station announcements, clanging bell, and wailing whistle guaranteed to delight children of all ages. The gleaming black and brass locomotive is trailed by two illuminated Pullman cars decorated with bright metal trim and colorful baked enamel paint. This ready-to-run set features everything you need to begin a tinplate tradition in your own family, including a powerful transformer and a 42" circle of standard gauge track that assembles in minutes and can be placed right on the carpet or floor for a temporary layout.



Burnt Orange & Tuscan
No. 2656 O Gauge Cattle Car
11-70059 \$59.95



Lionel Lines Celebration Passenger Set

LIONEL ELECTRIC TRAINS
MODEL RAILROAD ACCESSORIES
LIONEL CORPORATION TINPLATE



Lionel Lines - O Gauge Celebration Passenger Set

11-5508-1	Proto-Sound 2.0	\$479.95
11-5508-0	Traditional	\$479.95

The Lionel catalog for 1936 introduced the new 249 as a "high speed powerful conventional locomotive with chrome plated trimmings and a wealth of embossed details." While smaller, less expensive, less elaborate and smaller than the 260E and its successor the 263, the 249 was nonetheless lauded in Lionel's catalog for its prototype accuracy. A picture looking forward from approximately the engineer's point of view noted that, "Looking alongside the new No. 249E gives the same picture a real engine would — with piping, air compressors, domes and drivers correctly proportioned, accurately detailed and brilliantly chromium plated."



Lionel Lines - 605 Baggage Passenger Car

11-80031	\$89.95
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Sharing the same motor as its larger brethren, the 249 was cataloged until 1939 and was part of the last hurrah of tinplate. When the 249 disappeared from the line, the production of high-quality, sheet-metal trains had passed into history.

Relive the colorful final days of tinplate — with the added excitement that a child in the 1930s could only dream about: synchronized puffing smoke, vibrant locomotive sounds, passenger station terminal announcements, and a "Box-Type" Proto-Coupler™ on the tender that can be remotely activated from the transformer. You'll find all this and more with a 249 locomotive passenger set featuring colorful 600 series passenger cars.



Christmas No. 386 Outfit Freight Set

LIONEL ELECTRIC TRAINS
MODEL RAILROAD ACCESSORIES
LIONEL CORPORATION TINPLATE



Std.
Gauge

Christmas - No. 386 Outfit Freight Set
11-5011-1 Proto-Sound 2.0 \$599.95

The No. 384 steam locomotive has long been considered one of the stalwarts of classic standard gauge locomotives. Like most rare collector items, the No. 384's attractiveness can be attributed to its many multiple uses during the heyday of the Tinplate era. Now returning to life with contemporary electronics and an authentic paint scheme, the No. 384 Set will perform like no traditional standard gauge locomotive thanks to the power and performance of Proto-Sound 2.0.



Christmas - No. 515 Std. Gauge Oil Car
11-30134 \$99.95

Returning in 2012, the 386-outfit freight set comes with the number 513 Cattle Car, and 517 Caboose. The set also contains a 100-watt power supply with controller, 8 Piece RealTrax Std. Gauge Track Circle, Lighted Track Lock-On, and RailWare DVD. Pair this engine with its matching freight cars to experience what made boys happy eight decades ago.



No. 340E Coal Train Freight Set

LIONEL ELECTRIC TRAINS
MODEL RAILROAD ACCESSORIES
LIONEL CORPORATION TINPLATE



Std.
Gauge

No. 340E Coal Train Freight Set
11-5008-1 Proto-Sound 2.0 \$599.95



Red - No. 516 Std. Gauge Coal Car
11-30087 \$99.95

"A new and welcome addition to the Lionel Line", the 340E Coal Train was introduced in 1929 as a set which included the 318E Distance Control Super-Motor locomotive, 3 516 coal cars, and the No. 517 illuminated caboose. The 318 steam engine was a classic of the tinplate era; a medium-priced engine produced in a variety of colors that remained in the Lionel catalog for twelve years, 1924-35 - a longer production run than perhaps any other tinplate loco. The 1925 catalog described the 318 as "Introduced in response to a great demand for a single-super-motor locomotive built on the lines of our 402, but smaller and contains many of the constructional features of the larger engine." Like most Lionel Standard Gauge equipment, the 318 was sized according to price: it was about two-thirds the size of the more expensive twin-motored 402, although both engines ran on the same gauge track.

New for 2011, the 340E coal train freight set includes (2) 500 series Hopper Cars and one 500-series caboose, a 100-watt power supply with controller, 8 Piece RealTrax Std. Gauge Track Circle, Lighted Track Lock-On, and RailWare DVD. Pair this engine with its matching set of freight cars to experience what made boys happy eight decades ago.



No. 342E Outfit Std. Gauge Passenger Set



LIONEL ELECTRIC TRAINS
MODEL RAILROAD ACCESSORIES
LIONEL CORPORATION TINPLATE

Std.
Gauge

Baby State Set - No. 342E Outfit
Std. Gauge Passenger Set
11-5009-1 Proto-Sound 2.0 \$599.95



Two-Tone Brown - No. 309 Coach Passenger Car
11-40038 \$139.95



Two-Tone Brown - No. 310 Baggage Passenger Car
11-40039 \$139.95

One of Lionel's most popular lower-priced outfits, the 342E came highly enameled in Duo-Tone colors. The set included the 318 Distance Control locomotive, the No. 310 illuminate mail and baggage carrier, the No. 309 illuminated Pullman car, and the No. 312 illuminated observation car. Introduced in 1930, the set sold for \$32.50 and also included eight pieces of C-curved track, six pieces of S-straight track, one STC Lockon, one No. 8 controlling rheostat, and six No. 28 lamps. With "striking colors" and "realistic detail" Lionel asked its consumers to "think of the fun you can have with theses beautiful sets". Pairing this engine with its matching set of 300 Series passenger cars to experience what made boys happy eight decades ago.



Jersey Central No. 384E Steam Passenger



Jersey Central - No. 384E Steam Passenger Train Set
11-5010-1 Proto-Sound 2.0 \$599.95

The No. 384 steam locomotive has long been considered one of the stalwarts of classic standard gauge locomotives. Like most rare collector items, the No. 384's attractiveness can be attributed to its many multiple uses during the heyday of the Tinplate era. Now returning to life with contemporary electronics and an authentic paint scheme, the No. 384 Set will perform like no traditional standard gauge locomotive thanks to the power and performance of Proto-Sound 2.0.

A real locomotive in all but size", the 384 standard gauge passenger set replicates the "Distinctive! Speedy! And Powerful!" starter sets that graced the pages of Lionel's 1930's catalogs. Now returning to life with contemporary electronics and an authentic paint scheme, the No. 384 set will perform like no traditional standard gauge locomotive, thanks to the power and performance of ProtoSound 2.0.

Nothing says tradition like the sight of a tinplate engine running, but no tinplate train of the past could equal today's Lionel Corporation Tinplate models. Huge plumes of puffing smoke - timed to the driver's revolutions - a clanging bell so realistic you'll swear it's in the room with you and a wailing whistle that brings tingles to your arms await the owner of this magnificently decorated tinplate treasure. Mated up with freight or passenger cars, this exciting locomotive will quickly become a favorite of any tinplate fan.



LIONEL ELECTRIC TRAINS

MODEL RAILROAD ACCESSORIES
LIONEL CORPORATION TINPLATE



Jersey Central - 339 Series Passenger Car
11-40060 \$129.95



Jersey Central - 332 Series Baggage Car
11-40059 \$129.95



Operating Rolling Stock



Christmas - Operating Box Car with Signal Man
30-79336 \$79.95



Operating cars require
40-1008 Operating Track
Section, page 66



Westinghouse - Operating Box Car with Signal Man
30-79337 \$79.95



Christmas
Smoking Tank Car
30-73371 \$69.95



Hawaiian Kona Coffee
Smoking Tank Car
30-73302 \$69.95



Washington Apple Pie Filling
Smoking Tank Car
30-73372 \$69.95

Operating Hand Car



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©MARS, Incorporated 2012

M&M'S® Brand - Operating Hand Car
30-2597 \$69.95

The RailKing handcar features two track workers pumping the handle up and down to get the car rolling. The faster they pump, the faster the car goes. The unit operates on any O Gauge track system and features an Automatic Bumper Reversing Mechanism (ABRM) that changes the car's direction when it hits a track bumper.



Pennsylvania - Operating Hand Car
30-2574 \$59.95



Christmas - Operating Hand Car
30-2573 \$59.95

Box Car



Christmas - Box Car
30-74692 \$49.95



Season's Greetings - Box Car
30-74693 \$49.95



New Years 2013 - Box Car
30-74694 \$49.95



Pure Steam Coffee - Box Car
30-74691 \$49.95

40' High Cube Box Car



New Haven
40' High Cube Box Car
30-74687 \$49.95



U.S. Army
40' High Cube Box Car
30-74689 \$49.95



Republic Steel
40' High Cube Box Car
30-74690 \$49.95



SOO Line
40' High Cube Box Car
30-74688 \$49.95

Ore Car



Long Island - Ore Car
30-75410 \$44.95



Boston & Maine - Ore Car
30-75411 \$44.95

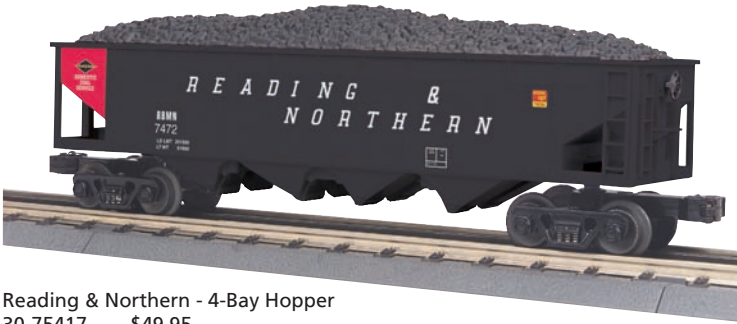


Reading - Ore Car
30-75412 \$44.95



Denver & Rio Grande - Ore Car
30-75413 \$44.95

4-Bay Hopper



Reading & Northern - 4-Bay Hopper
30-75417 \$49.95



Lehigh New England - 4-Bay Hopper
30-75416 \$49.95



Pittsburgh & West Virginia - 4-Bay Hopper
30-75415 \$49.95



Amtrak - 4-Bay Hopper
30-75414 \$49.95

Husky Stack Car



BNSF - Husky Stack Car
30-76470 \$59.95



Union Pacific - Husky Stack Car
30-76468 \$59.95



CSX - Husky Stack Car
30-76469 \$59.95



Norfolk Southern - Husky Stack Car
30-76467 \$59.95

Flat Car with Trailer

Chessie - Flat Car with Trailer
30-76463 \$54.95



Amtrak - Flat Car with Trailer
30-76465 \$54.95

Southern - Flat Car with Trailer
30-76466 \$54.95



Pennsylvania Power & Light
Flat Car with Trailer
30-76464 \$54.95

Bay Window Caboose

Lighted
Interiors!



New York Central - Bay Window Caboose
30-77208 \$59.95



Christmas - Bay Window Caboose
30-77205 \$59.95



Baltimore & Ohio - Bay Window Caboose
30-77206 \$59.95



Pennsylvania - Bay Window Caboose
30-77207 \$59.95

0 Gauge or 2-Rail 0 Scale Couplers & Trucks

3-Rail

Railking 3-Rail Bettendorf Freight Car
Two Truck Pack

30-89001 \$14.99

Railking 3-Rail Roller Bearing
Freight Car Two Truck Pack

30-89002 \$14.99



Premier 3-Rail Bettendorf Freight Car Two
Truck Pack

20-89003 \$14.99

Premier 3-Rail Roller Bearing
Freight Car Two Truck Pack

20-89004 \$14.99



Premier 2-Rail

2-Rail Lightweight Passenger Car Two
Truck Pack*

20-89007 \$24.95



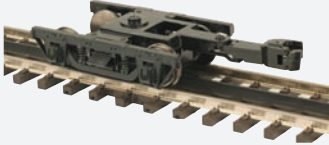
2-Rail Heavyweight Passenger Car Two Truck
Pack*

20-89014 \$24.95



2-Rail 64' Woodsided Passenger Car Two
Truck Pack*

20-89012 \$24.95



2-Rail Bettendorf Caboose Truck Pack*

20-89015 \$17.95



2-Rail Bettendorf Freight Car Two Truck Pack

20-89001 \$17.95



2-Rail Roller Bearing Caboose 2-Truck Pack*

20-89016 \$17.95



2-Rail CA-1 Caboose 2-Truck Pack

20-89017 \$17.99



2-Rail Roller Bearing Freight Car Two
Truck Pack

20-89002 \$17.99



*Includes Removable 3-Rail Couplers

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



Features:

- Die-Cast Construction
- Fully Assembled
- Self-Powered Strobe Light
- Mounts To Any M.T.H. Freight Car
- Unit Measures: 1" High



Wireless Drawbar Set
20-89011 \$29.95

Accessories



See it in Action!

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



■ American Flag Pole/Flag
30-9074 \$24.95
Measures: 4 3/8" x 10 3/8"



■ Maintenance Kit
30-50051 \$24.95



■ 7 oz. ProtoSmoke™ Fluid
60-1045 Unscented \$14.95
60-1046 Christmas \$14.95
60-1047 Coal \$14.95
60-1048 Diesel \$14.95
60-1049 Woodburning \$14.95

■ Bag Of Coal
30-50005 \$3.99



■ Assortment (36 pieces)
2 oz. ProtoSmoke™ Fluid Bottles
60-1051 \$179.95

■ 2 oz. ProtoSmoke™ Fluid Bottles
60-1051a Christmas \$4.99
60-1051b Coal \$4.99
60-1051c Diesel \$4.99
60-1051d Wood Burning \$4.99
60-1051e Coffee \$4.99
60-1051f Eggs & Bacon \$4.99
60-1051g Vanilla \$4.99
60-1051h Candy Cane \$4.99
60-1051i Barbeque \$4.99
60-1051j Pipe Smoke \$4.99
60-1051k Cinnamon Roll \$4.99
60-1051l Apple Pie \$4.99

■ 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.

■ Miscellaneous Accessories



■ Track Cleaning Block
40-1099 \$19.99



■ BP - #455 Oil Derrick
30-90435 \$99.95
Measures: 9 3/4" x 5 3/4" x 13 3/4"



■ #395 Floodlight Tower
30-11078 \$54.95
Measures: 5" x 5" x 11 1/4"



■ Operating Radar Tower
30-9032 \$59.95
Measures: 4 1/2" x 5" x 11 1/2"



■ #262 Crossing Gate/Signal
30-1073 \$54.95
Measures: 9" Tall

**Fully Operational
Pickup & Dump
Mechanism**



■ Operating Coaling Tower
30-9158 \$149.95
Measures: 9 1/2" x 8" x 12"

Accessories



- Pennsylvania - #334 Dispatch Board
30-9165 \$79.95
Measures: 10 1/2" x 4 1/4" x 7 1/2"



- Pennsylvania - 314 Die-Cast Girder Bridge
30-12001 \$29.95
Measures: 10" x 4 1/2" x 1 3/4"



- Union Pacific - #334 Dispatch Board
30-9166 \$79.95
Measures: 10 1/2" x 4 1/4" x 7 1/2"

Operating Destination Signs!



- Rotary Beacon
30-9033 \$59.95
Measures: 5" x 5" x 11 1/4"

- M.T.H. Electric Trains #193 Industrial Water Tower
30-90415 \$54.95
Measures: 6" x 6" x 14 3/4"

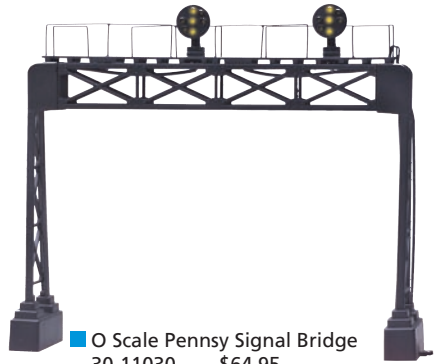


- Christmas #193 Industrial Water Tower
30-90414 \$54.95
Measures: 6" x 6" x 14 3/4"



■ O Scale Position Light
Signal Lamps
30-11030A \$19.95
Measures: 1 1/4" Tall

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



■ O Scale Pennsy Signal Bridge
30-11030 \$64.95
Measures: 12 5/8" x 3 15/16" x 10 1/8"



■ "O" Scale Modern
Operating Crossing Signal
30-11006 \$59.95
Measures: 7" Tall



■ O Scale Operating Crossing
Gate Signal Set
30-11012 \$69.95
Measures: 8 1/2" x 2" x 8"



■ O Scale Dwarf Signal
30-11011 \$24.95
Measures: 1" x 1 7/8" x 1 3/4"



■ O Scale Vertical Signal
30-11036 \$49.95
Measures: 1 3/16" x 2 5/8" x 7 1/8"



■ O Scale Vertical Signal Lamps
30-11009A \$19.95
Measures: 1 1/4" Tall

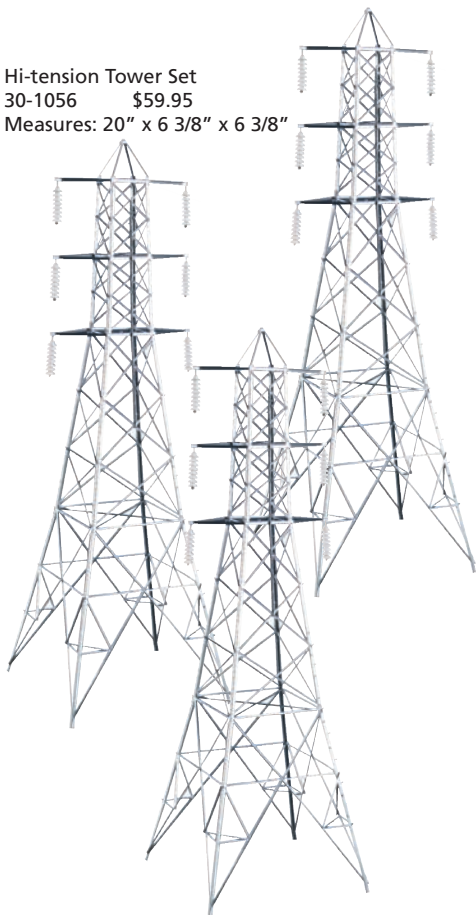


■ O Scale Cantilevered Signal Bridge
30-11009 \$49.95
Measures: 8 1/2" x 2 1/2" x 6 1/2"

Accessories



■ Hi-tension Tower Set
30-1056 \$59.95
Measures: 20" x 6 3/8" x 6 3/8"



■ O Scale Floodlight Tower Set
30-11039 \$69.95
Measures: 3" x 1 1/8" x 13 1/2"



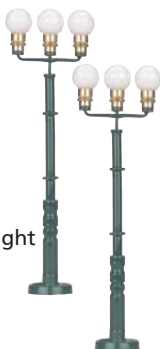
■ Black - "O" Lamp Set
Hexagonal
30-1062 \$29.95
Measures: 4" Tall



■ Black - "O" Lamp Set - Round
30-1078 \$29.95
Measures: 4" Tall



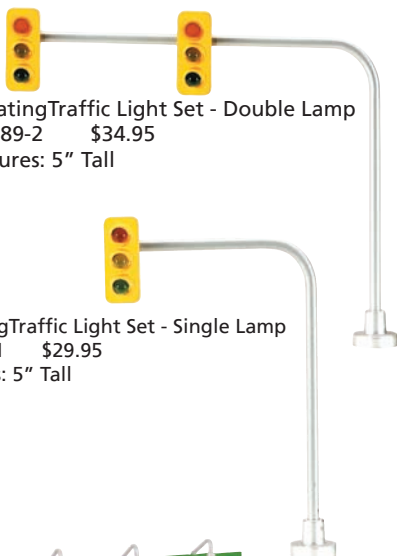
■ "O" Lamp Set - Triple Park Light
30-11034 \$29.95
Measures: 3/4" x 4 7/16"



■ "O" Lamp Set
Street Gooseneck Light
30-11032 \$29.95
Measures: 3/4" x 3 7/8"



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



■ Operating Traffic Light Set - Double Lamp
30-1089-2 \$34.95
Measures: 5" Tall

■ Operating Traffic Light Set - Single Lamp
30-1089-1 \$29.95
Measures: 5" Tall



■ O Scale Flashing Barricades
30-11021 \$34.95
Measures: 1" x 1" x 2"



■ Creek Chub Bait Co. - Lighted Billboard
30-90361 \$29.95
Measures: 7 1/2" x 5 3/4" x 6"



■ Roadster Hardtops
32 Pack Vehicle Set
30-50057 \$199.95



■ O'Mara's Irish Brewing Co.
Lighted Billboard
30-90360 \$29.95
Measures: 7 1/2" x 5 3/4" x 6"

Accessories



■ 40' Container Set
20-95106 \$44.99



■ 20' Container Set
20-95105 \$34.99



■ White - Fence Set
30-50002 \$12.95
Measures: 16" x 13"
House Not Included

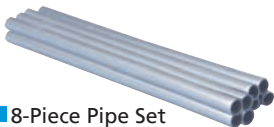


Lowering
Water
Spout!

■ Operating O Scale Water Tower
30-11028 \$99.95
Measures: 7 1/2" x 11" x 10 1/4"



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



■ 8-Piece Pipe Set
30-50023 \$9.95



■ 6-Piece Barrel Set
30-50024 \$9.95



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



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



■ MTH Steel - I-Beam 8-Piece Set
30-50007 \$12.95
Measures: 7 1/4" Long



■ O Scale Pedestrian 2-Track Crosswalk
 30-9066 \$59.95
 Measures: 16 1/8" x 13 3/8" x 7 7/8"



■ O Scale Pedestrian Crosswalk
 30-9053 \$49.95
 Measures: 11 5/8" x 13 3/8" x 7 7/8"



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

Buildings Feature Interior Lighting!



Strasburg - Switch Tower
 30-90429 \$49.95
 Measures: 6 1/8" x 10 1/2" x 9"



Union Pacific - Switch Tower
 30-90430 \$49.95
 Measures: 6 1/8" x 10 1/2" x 9"

Accessories



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



■ Christmas - 6-Piece Figure Set #2
30-11062 \$24.95



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



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



■ Assortment 1 - 6-Piece Figure Set #8
30-11071 \$19.95



■ Assortment 2 - 6-Piece Figure Set #8
30-11072 \$19.95



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



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



■ Assortment 3 - 6-Piece Figure Set #8
30-11073 \$19.95



■ Subway - 12-Piece Passenger Figure Set
30-11063 \$29.95



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



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



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



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



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



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



■ Assortment 2 - 6-Piece Figure Set #12
30-11075 \$19.95



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



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

Accessories

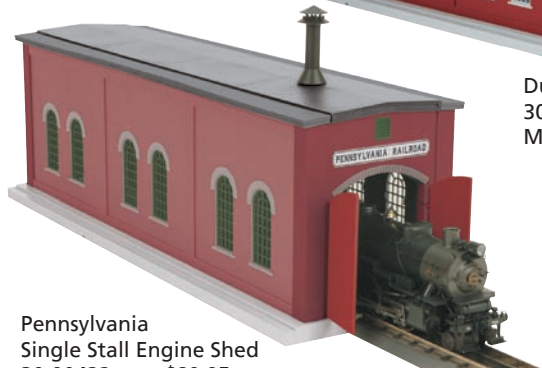


Pennsylvania
Dual Stall Engine Shed
30-90424 \$99.95
Measures: 24" x 8 1/2" x 13 1/2"

**Buildings Feature
Interior Lighting!**



Dual Stall Engine Shed
30-90425 \$99.95
Measures: 24" x 8 1/2" x 13 1/2"

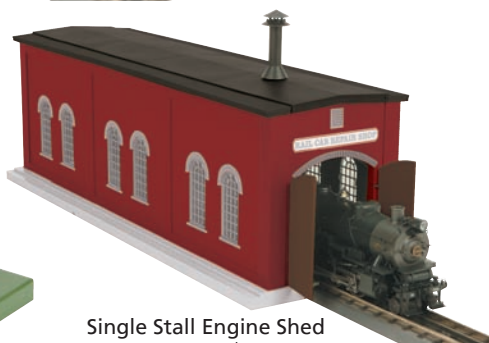


Pennsylvania
Single Stall Engine Shed
30-90422 \$89.95
Measures: 24" x 5 1/2" x 13 1/2"

**Opening Door
& Moving
Gateman**



Union Pacific
Operating Watchman's Shanty
30-9162 \$64.95
Measures: 4 1/2" x 5 15/16" x 4 1/8"



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



Dark Red Stone - Passenger Station w/dual Platforms

30-90094 \$99.95

Measures: 39" x 10 1/2" x 8 1/2"



Elevated Station Platform

30-90027 \$29.95

Measures: 13 1/2" x 5 1/2" x 4"



Gray w/Green Roof

Passenger Station Platform

30-90315 \$19.95

Measures: 10" x 3 1/2" x 4"



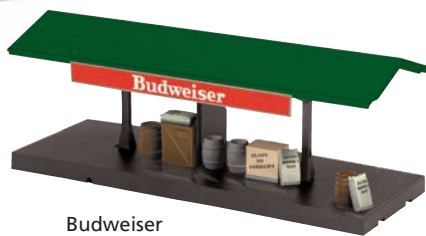
RailTown - Operating Station Platform

30-9163 \$59.95

Measures: 10" x 3 1/2" x 4"



**Passengers or freight
"disappear" when
train departs**



Budweiser

Operating Freight Platform

30-9171 \$59.95

Measures: 9 3/4" x 3 1/2" x 3 3/4"

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New York Central

Operating Freight Platform

30-9151 \$59.95

Measures: 10" x 3 1/2" x 4"

Accessories

Pittsburgh Dry Goods Co. - Dry Goods
Transfer Warehouse
30-90431 \$79.95
Measures: 13 1/2" x 8 1/4" x 9 1/8"



Calhoun, Robbins & Co. - Dry Goods
Transfer Warehouse
30-90432 \$79.95
Measures: 13 1/2" x 8 1/4" x 9 1/8"



RailTown Brewing Co.
Brewery w/Operating Smoke
30-90452 \$99.95
Measures: 19 3/8" x 8 5/16" x 6 5/8"

**Buildings Feature
Interior Lighting!**

Features

- Intricately Detailed ABS Construction
- Fully Assembled
- Fully Painted
- Lighted Interior
- Opening Doors
- Operating Smoke Unit
- Operates With Any Transformer
- Measures: 19 3/8" x 8 5/16" x 6 5/8"

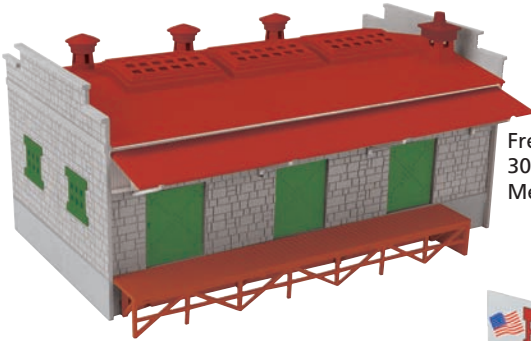


Trackside Yard Tower
 30-90434 \$34.95
 Measures: 4" x 4" x 7 1/2"



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

Buildings Feature Interior Lighting!



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



Fireworks - Road Side Stand
 30-9093 \$44.95
 Measures: 8 1/2" x 5 7/16" x 4 1/4"



Fresh Fruit - Road Side Stand
 30-90433 \$44.95
 Measures: 8 1/2" x 5 7/16" x 4 1/4"

Accessories



Red & White - #5 Country Church
30-9057 \$34.95
Measures: 7 7/8" x 4 5/8" x 10 9/16"



Red w/Green Roof - Barn
30-90407 \$79.95
Measures: 16 1/2" x 18 3/4" x 9 1/2"



Green w/Yellow Trim - Barn
30-90406 \$79.95
Measures: 16 1/2" x 18 3/4" x 9 1/2"



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



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



Stainless - Mobil Home
30-90005 \$29.95
Measures: 7 1/8" x 2 3/8" x 2 3/4"



White w/Green Shutters
#4 Country House
30-90331 \$44.95
Measures: 9 5/8" x 5" x 7"



Tan w/Dk. Brown Shutters
#4 Country House
30-90330 \$44.95
Measures: 9 5/8" x 5" x 7"

Buildings Feature Interior Lighting!



Cream w/Green Shutters - #6 Farm House
30-90332 \$44.95
Measures: 7 1/2" x 7 1/2" x 7"



White w/Red Shutters - #6 Farm House
30-90333 \$44.95
Measures: 7 1/2" x 7 1/2" x 7"



Light Blue & White
Row House #1
30-90338 \$39.95
Measures: 7 7/8" x 4 5/8" x 7"

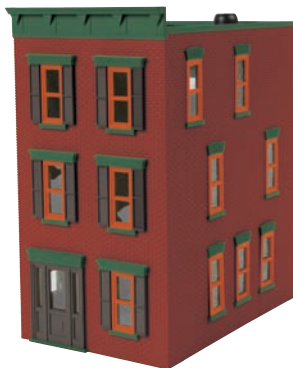


White & Blue - Row House #1
30-90337 \$39.95
Measures: 7 7/8" x 4 5/8" x 7"

Accessories



Main Street Brick - 3-Story Town House #2
30-90375 \$39.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"



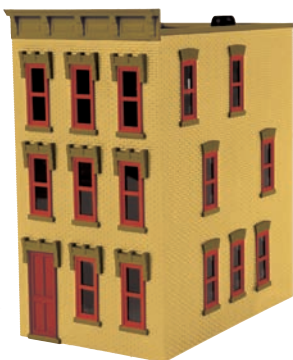
Miner Red Brick - 3-Story Town House #2
30-90374 \$39.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"



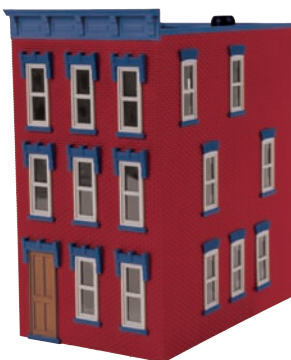
Sand Stone - 3-Story Town House #1
30-90373 \$39.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"



Brown Stone
3-Story Town House #1
30-90372 \$39.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"



Dusty Yellow Brick
3-Story Town House #3
30-90377 \$39.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"



Light Tuscan Brick
3-Story Town House #3
30-90376 \$39.95
Measures: 6 3/8" x 3 15/16" x 7 1/8"

**Buildings Feature
Interior Lighting!**



Ice Cream - Country Store
30-90437 \$59.95
Measures: 8 7/8" x 5 1/8" x 5 1/2"



Model Train - Country Store
30-90436 \$59.95
Measures: 8 7/8" x 5 1/8" x 5 1/2"



Raitown General Store- Country Store
30-90298 \$59.95
Measures: 8 7/8" x 5 1/8" x 5 1/2"



St. Louis House
2-Story Store Front Building
30-90344 \$49.95
Measures: 6 1/2" x 8" x 8 5/8"



Meyer & Dale Groceries
2-Story Store Hotel Building
30-90345 \$49.95
Measures: 6 1/2" x 8" x 8 5/8"



Lumber Yard - 2-Story Store Livery Building
30-90346 \$49.95
Measures: 6 1/2" x 8" x 8 5/8"

Accessories



Motorized Fire Truck!

Engine Company 49 - Operating Firehouse
 30-9157 \$179.95
 Measures: 16 5/8" x 15 3/8" x 12 3/8"

Features

- Intricately Detailed ABS Construction
- Fully Assembled
- Lighted Interior
- Blinking Exterior Lights
- Motorized Fire Truck Pulls Out of Station
- Automatic Door Operation
- Sliding Fireman on Pole
- Digital Sound Effects
- Separate Control Box
- Operates With Any AC Transformer
- Unit Measures:
 16 5/8" x 15 3/8" x 12 3/8"



Gray & White
 Public Works Building
 30-90007 \$49.95
 Measures: 14 1/8" x 9 7/8" x 8 1/8"



Cream & Dark Gray - Power Station
 30-90003 \$29.95
 Measures: 4 1/4" x 4 1/8" x 3 7/8"



Gray & Black - Police Station
 30-9099 \$79.95
 Measures: 13 1/4" x 8 3/8" x 10"



Wine Shop - Single Story
Opposite Corner Store
30-90450 \$59.95
Measures: 10 3/8" x 8 3/8" x 6 1/4"



Squeaky's Auto Parts - Single Story Corner Store
30-90448 \$59.95
Measures: 10 3/8" x 8 3/8" x 6 1/4"

Buildings Feature Interior Lighting!



Castle Lawn Mower Repair
Single Story Corner Store
30-90393 \$59.95
Measures: 10 3/8" x 8 3/8" x 6 1/4"



Tavern Burger - Single Story Corner Store
30-90392 \$59.95
Measures: 10 3/8" x 8 3/8" x 6 1/4"



Downtown Hobby - Single Story
Opposite Corner Store
30-90451 \$59.95
Measures: 10 3/8" x 8 3/8" x 6 1/4"



Sonny's Italian Deli - Single Story
Corner Store
30-90449 \$59.95
Measures: 10 3/8" x 8 3/8" x 6 1/4"

Accessories



Wiseguy's Pizza - 3-Story City Building
w/Fire Escape & Blinking Sign
30-90438 \$79.95
Measures: 12 3/4" x 6 5/16" x 9 3/16"



Fat Heads Bar - 3-Story City Building w/Fire
Escape & Blinking Sign
30-90439 \$79.95
Measures: 12 3/4" x 6 5/16" x 9 3/16"

Blinking Window Sign!



Butch's Sports Bar - 3-Story City
Building w/Fire Escape & Blinking Sign
30-90334 \$79.95
Measures: 12 3/4" x 6 5/16" x 9 3/16"



MacIntosh & Sons Paints - 3-Story City
Building w/Fire Escape & Blinking Sign
30-90409 \$79.95
Measures: 12 3/4" x 6 5/16" x 9 3/16"



Ives - 3-Story City Building 1
 30-90440 \$69.95
 Measures: 8 1/4" x 10" x 10 1/8"



Ives - City Building 1 Single Story Addition
 30-90444 \$27.95
 Measures: 8 1/4" x 10" x 2 3/8"



Christmas Shop - 3-Story City Building 1
 30-90442 \$69.95
 Measures: 8 1/4" x 10" x 10 1/8"



Christmas Shop - City Building 1
 Single Story Addition
 30-90446 \$27.95
 Measures: 8 1/4" x 10" x 2 3/8"



Pennsylvania - 3-Story City Building 1
 30-90441 \$69.95
 Measures: 8 1/4" x 10" x 10 1/8"



Pennsylvania - City Building 1
 Single Story Addition
 30-90445 \$27.95
 Measures: 8 1/4" x 10" x 2 3/8"



Johnson Pharmacy - 3-Story City Building 1
 30-90443 \$69.95
 Measures: 8 1/4" x 10" x 10 1/8"



Johnson Pharmacy - City Building 1
 Single Story Addition
 30-90447 \$27.95
 Measures: 8 1/4" x 10" x 2 3/8"

Accessories



Amanda's Candy Shop - Opposite Corner
Building w/Blinking Sign
30-90390 \$54.95
Measures: 9 7/8" x 7 7/16" x 7 1/16"



Royal Flush Plumbing - Corner
Building w/Blinking Sign
30-90389 \$54.95
Measures: 9 7/8" x 7 7/16" x 7 1/16"

Buildings Feature Interior Lighting!



Dr. Emerson Bigguns - Opposite
Corner Building w/Blinking Sign
30-90391 \$54.95
Measures: 9 7/8" x 7 7/16" x 7 1/16"



Frisky Business Pet Shop - Corner
Building w/Blinking Sign
30-90388 \$54.95
Measures: 9 7/8" x 7 7/16" x 7 1/16"

Boris Car Lot - Used Car Dealership
30-90416 \$54.95
Measures: 9 3/8" x 9 3/8" x 6 3/8"





Menlo Park Tool & Die Co.
6-Story Department Store
30-90382 \$99.95
Measures: 11 1/16" x 11 1/16" x 16 7/8"



Strawbridge & Clothier
6-Story Department Store
30-90383 \$99.95
Measures: 11 1/16" x 11 1/16" x 16 7/8"



Down By the River Outdoor Store
6-Story Department Store
30-90270 \$99.95
Measures: 11 1/16" x 11 1/16" x 16 7/8"



Susquehanna Hat Company
6-Story Department Store
30-90269 \$99.95
Measures: 11 1/16" x 11 1/16" x 16 7/8"

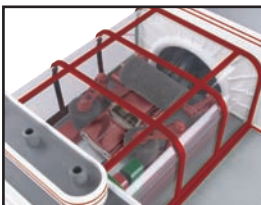
Accessories



Bikini - Operating Car Wash
 30-9167 \$199.95
 Measures: 21 5/8" x 13 1/16" x 6 1/4"

Features

- Intricately Detailed ABS Construction
- Fully Assembled
- Fully Painted
- Lighted Interior & Flashing Signs
- Button Activated Operation
- Die-Cast Car
- Simulated Water Spraying
- Rolling Interior Wash Rolls
- Digital Sound
- Unit Measures: 21 5/8" x 13 1/16" x 6 1/4"



Operating Interior & Exterior Lights!



BP - Operating Gas Station
 30-9181 \$159.95
 Measures: 15" x 11" x 6 3/4"

Automatic Garage Door!

Features

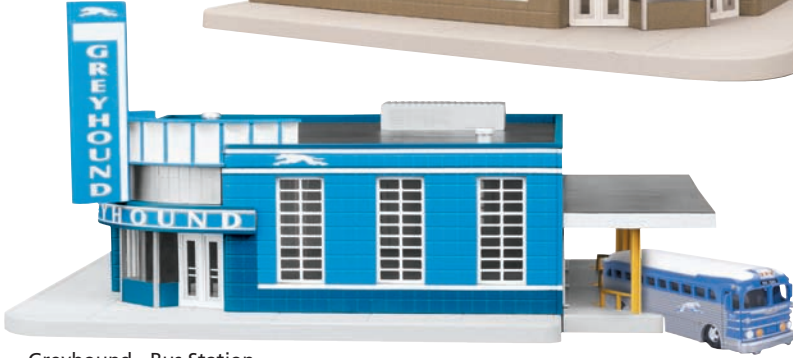
The full service of the Operating Service Station arrives with all the Art Deco looks that made the service stations of the fifties so unique. Featuring a die-cast vehicle, lighted signs and gas pumps, this operating accessory brings the service station to life at the touch of a button. When activated, the sta-

tion's bay door rises to reveal a gleaming car inside. Watch in amazement as the car slowly pulls out of the bay and heads for the pump island for a fill up. It's all accompanied by the classic sounds of a service station, including the bell as each gallon is pumped and is sure to be a favorite on your layout.

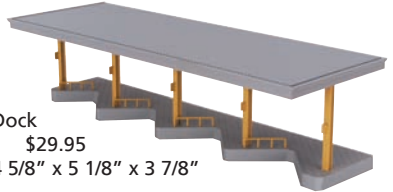
- Detailed ABS Construction
- Fully Assembled
- Fully Painted
- Lighted Interior
- Automatic Garage Door Action
- Motorized Car Pulls Out of Garage Bay
- Operating Exterior Lights
- Separate Control Box
- Operates With Any AC Transformer
- Unit Measures: 15" x 11" x 6 3/4"

Buildings Feature Interior Lighting!

Movie Theater
30-9054 \$99.95
Measures: 18 5/8" x 7 3/8" x 6 5/8"



Greyhound - Bus Station
30-9040 \$79.95
Measures: 16 1/2" x 18 3/4" x 9 1/2"



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

Cars Drive up & Park While Skaters Come Out & Take Orders



Mel's
Operating Drive-In Diner
30-9105 \$199.95



Features

- Fully Assembled
- Fully Painted
- Intricately Detailed ABS Construction
- Lighted Interior
- Operating Sound
- Flashing Marquee Lights
- Operating Skaters
- Moving Die-Cast Car
- Unit Measures: 21 5/8" x 9" 13 1/8"



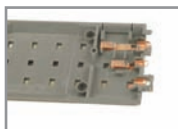
O Gauge RealTrax®

Rugged - Realistic - Reliable

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

Rugged

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



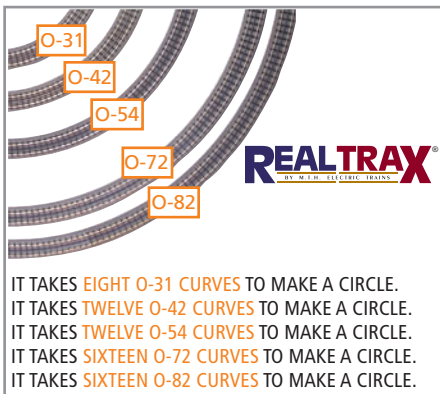
Realistic

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

Reliable

Nickel silver rail ensures that RealTrax will never rust. Spring-loaded phosphor bronze contacts provide superior electrical connections between track sections. The contacts are spring loaded to maintain a solid connection over time and are highly resistant to corrosion of any kind. Similar materials are used in many electrical connections around your home, such as lamps, battery-operated appliances, and electrical outlets.

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



RealTrax - 10" Ground Track
(2 pieces per pack)
40-1068-2 \$8.99



RealTrax
10" Straight Track Section
40-1001 \$4.49



RealTrax
5.5" Track Section
40-1012 \$3.99



RealTrax
5.0" Track Section
40-1016 \$3.99



RealTrax
4.25" Track Section
40-1017 \$3.99

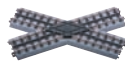


RealTrax
3.5" Track Section
40-1018 \$3.99

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





RealTrax - Adapter Track Section
40-1011 \$8.99



RealTrax - 10" Insulated Straight Track Section Set
40-1029 \$8.99



RealTrax - 30" Straight Track Section
40-1019 \$12.99



RealTrax
O-31 Half Curve Track
40-1022 \$3.99



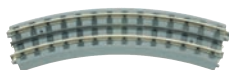
RealTrax
O-42 Half Curve Track
40-1045 \$4.49



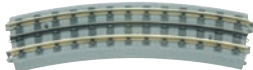
RealTrax
O-54 Half Curve Track
40-1057 \$4.99



RealTrax
O-72 Half Curved Track Section
40-1049 \$4.99



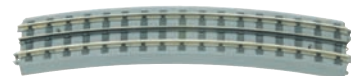
RealTrax
O-31 Curved Track Section
40-1002 \$4.49



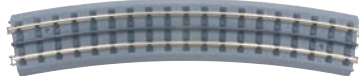
RealTrax
O-42 Curved Track Section
40-1042 \$4.99



RealTrax - O-54 Curved Track Section
40-1054 \$4.99

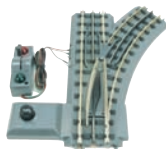


RealTrax - O-72 Curved Track Section
40-1010 \$5.99

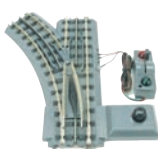


RealTrax - O-82 Curved Track Section
40-1082 \$5.99

Switches



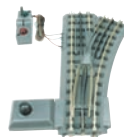
RealTrax - O-31
Switch (RH)
40-1004 \$64.95



RealTrax - O-31
Switch (LH)
40-1005 \$64.95



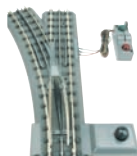
RealTrax - O-42
Switch (RH)
40-1043 \$74.95



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



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



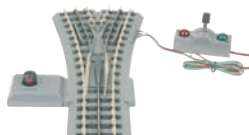
RealTrax - O-54
Switch (L)
40-1056 \$79.95



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



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



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

O Gauge RealTrax[®]

- O Bridge Girder - Rust
40-1104 \$29.95
- O Bridge Girder - Silver
40-1102 \$29.95
- O Bridge Girder - Black
40-1106 \$29.95



***Bridges now compatible with Fastrack™**

- O 2-Track Bridge Girder - Rust
40-1110 \$34.95
- O 2-Track Bridge Girder - Silver
40-1108 \$34.95
- O 2-Track Bridge Girder - Black
40-1112 \$34.95



- O 2-Track Steel Arch Bridge - Rust
40-1109 \$99.95
- O 2-Track Steel Arch Bridge - Silver
40-1107 \$99.95
- O 2-Track Steel Arch Bridge - Black
40-1111 \$99.95

- O Steel Arch Bridge - Rust
40-1103 \$69.95
- O Steel Arch Bridge - Silver
40-1101 \$69.95
- O Steel Arch Bridge - Black
40-1105 \$69.95

- O Subway Trestle Bridge
40-1048 \$29.95



- Tunnel Portal - Double
40-9015 \$19.95



- 30" Dual Track Straight Tunnel
40-1075 \$69.95
- 20" Single Track Straight Tunnel
40-1074 \$64.95



- Tunnel Portal - Single
40-9014 \$14.95

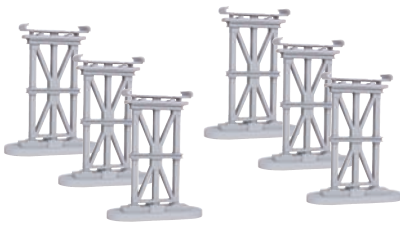
**Fully Sceniced,
Ready to Use!**

- 90 Degree 031 Curved Tunnel
40-1072 \$64.95
- 90 Degree 036 Curved Tunnel
40-1073 \$69.95



- Over & Under Tunnel
40-1070 \$59.95

*Track, Train & Trestles
Not Included*

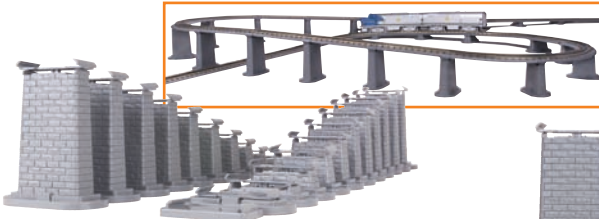


8 Piece Elevated Subway Trestle Set
40-1047 \$34.95

**100 WATT
POWER SUPPLY!**



Power & Track Pack
40-1071 \$159.95



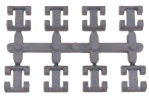
RealTrax - 24-Piece Graduated Trestle System
40-1033 \$54.95



RealTrax - 8-Piece Elevated Trestle System
40-1034 \$34.95



RealTrax - Lighted Lockon
40-1003 \$5.99



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



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

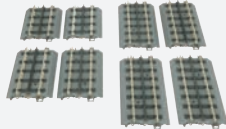


RealTrax - Lighted Bumper
40-1024 \$14.95

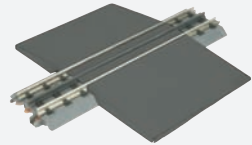


RealTrax - Track Activation Device (I.T.A.D.)
40-1028 \$24.95

Layout Builders



RealTrax - Layout Builder (8 Pcs)
40-1023 \$29.95
(Contains: (2) 3.5" Half Tracks, (2) 4.25" Half Tracks, (2) 5.0" Half Tracks, (2) 5.5" Half)



RealTrax - Grade Crossing
40-1009 \$9.95

RealTrax - Figure 8 Layout Builder
40-1025 \$59.95
(Contains: (4) O-31 Curves, (4) 10" Straights, (1) Lighted Lockon, (1) 90 Degree Crossover)



RealTrax - Right Hand Track Siding Layout Builder
40-1027 \$89.95
(Contains (1) Right-Hand O-31 Switch, (4) 10" Straights, (1) O-31 Curve, (1) RealTrax™ Bumper)

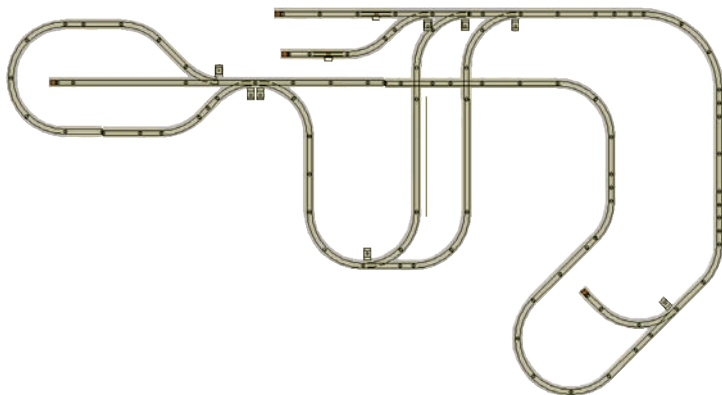


RealTrax - Left Hand Track Siding Layout Builder
40-1026 \$89.95
(Contains (1) Left-Hand O-31 Switch, (4) 10" Straights, (1) O-31 Curve, (1) RealTrax Bumper)



RealTrax
O-72 Wye Switch Spur Layout Builder
40-1069 \$149.95

STORY OF OIL 13x23 FEET



This layout is a good example of how a loop can be elaborated until it doesn't look like a loop anymore. This track plan also thinks like a point to point, because we are following the entire cycle of the oil business, from the oil well to the gas pump and beyond. On the left we have the oil fields and the storage tanks for the freshly extracted crude oil. At the storage tank station, you can fill tank cars with black gold. These tank cars will be dropped off at the oil refinery, which is that building inside the fence in the middle of the picture. You'll need to build the refinery yourself, but it's a relatively easy model to build. Refineries are basically flat-roof metal buildings surrounded by LOTS of pipes and storage tanks. Empty tin cans, tin foil, and lots of flexible drinking straws colored silver with a paint marker will create the effect quite nicely.

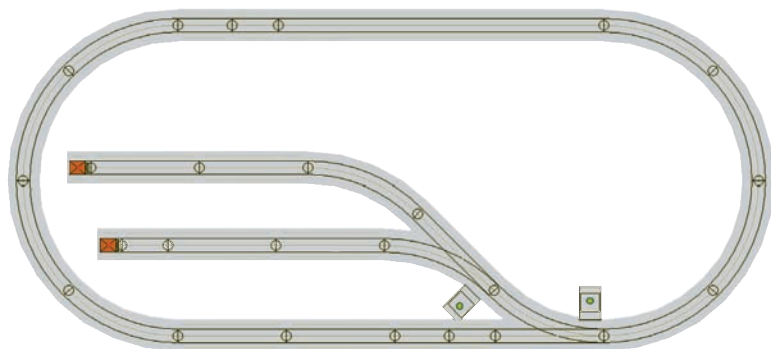
Behind the refinery is a plastics factory. Here you drop tankers of oil on one track and carry away covered hoppers full of plastic pellets from the other track.

Finally, we pass into a suburban area, with a McDonalds®, houses, and gas station. This gas station is unusual in that it receives its gasoline in a tank car that you leave on the siding in the back, rather than having it trucked in. The operating gas station and car wash add the final touch of delivering the gas to its final consumers!

TRACK REQUIRED

- (38) MTH 40-1001 10 inch straight
- (7) MTH 40-1016 5.0 inch straight
- (3) MTH 40-1019 30 inch straight
- (4) MTH 40-1024 track bumper
- (5) MTH 40-1043 O-42 lefthand switch
- (3) MTH 40-1044 O-42 righthand switch
- (40) MTH 40-1042 O-42 curve
- (6) MTH 40-1017 4.25 inch straight
- (2) MTH 40-1006 90° cross
- (6) MTH 40-1012 5.5 inch half straight
- (2) MTH 40-1008 uncoupling track
- (4) MTH 40-1018 3.5 inch straight

ACTION IN 3x6 FEET



Here's the layout shown on the previous pages, small enough to fit in a closet, 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.

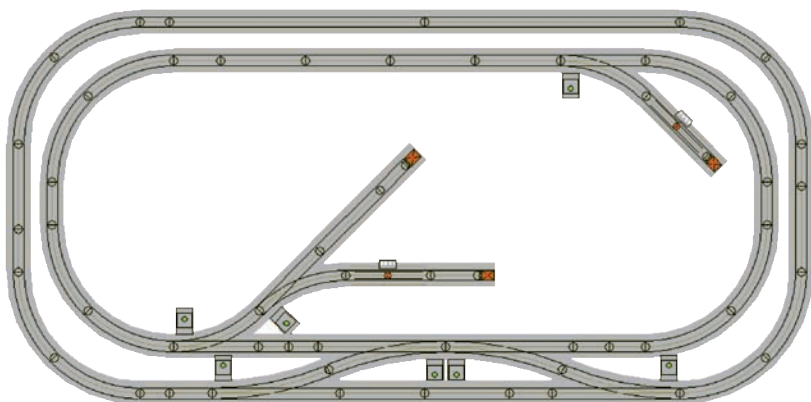
SPACE

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.

TRACK REQUIRED

- (9) MTH 40-1002 O-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

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 operating 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

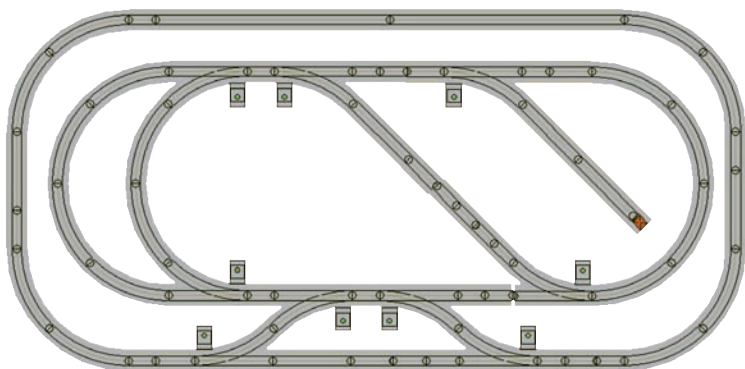
Often, instead of getting an entire room or basement to itself, a railroad can acquire several small adjoining areas, spread across one or more rooms. Perhaps the main line will fill the corner of the basement rumpus room, with storage yard tracks running through a tunnel in the wall and onto a shelf 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 O-31 curve
- (1) MTH 40-1005 O31 lefthand switch
- (2) MTH 40-1004 O31 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 O72 righthand switch
- (2) MTH 40-1021 O72 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 his 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 RailTown 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!

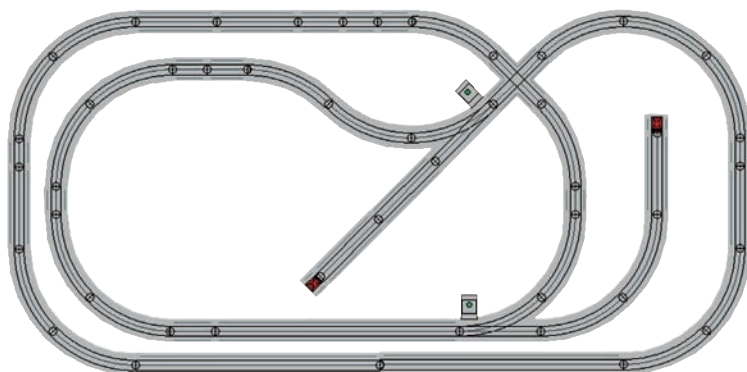
TRACK REQUIRED

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

ROOM TO OPERATE

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

TWICE AROUND 4x8 FEET



One way of making your layout seem bigger is to have the trains 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 O-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

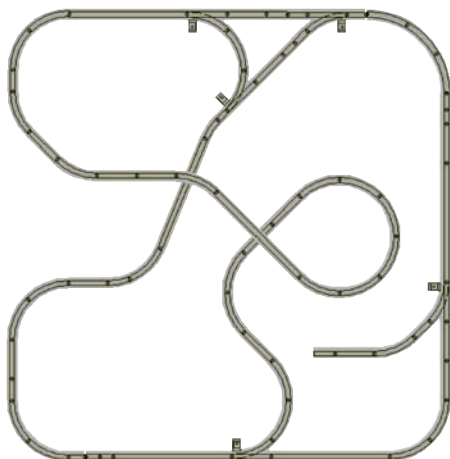
THE SCENIC ROUTE

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.

WILD WEST/CIVIL WAR 10x10 FEET



This is an old-time layout which incorporates several interesting features. The most challenging is the helix curve around the mountain, where the train passes over itself. This not only gives you a cool over/under effect, but it captures the rugged flavor of early railroads clawing their way through the mountains to open up the country. This will require a relatively steep grade, but since 1860s trains were short and pulled by little 4-4-0 locomotives, you shouldn't have trouble operating it. You'll want to be sure to use RailKing engines with Proto-Sound 2, so that you have the speed control, otherwise you might have some runaway trains!

Another important detail is the arrangement of track switches up by the town. This arrangement is called a "wye" because it resembles the letter "Y." It's important because a wye enables you to turn trains around, so they can face either direction. It's sort of like backing your car into a driveway to change directions on a street. A wye can be a helpful addition to all sorts of track plans and the one shown here is about as compact as you can build.

To keep the trains busy, there is also a mine on the side of the mountain, served by the siding in the lower right corner. The water tank makes sure the trains don't get stuck out in the wilderness, miles from

town. And the track from the bottom of the wye passes through a tunnel in the mountain, which is always a popular sight with visitors.

If you want to represent the Wild West, you can paint your scenery in desert shades of orange and brown, with little cacti and tumbleweeds. For a Civil War scene, cover the mountains with pine trees, and fill the fields with grass, farm crops, and soldiers. In the West, the mine might be producing gold or silver, in the Civil War, it's probably digging coal.

TRACK REQUIRED

- (24) MTH 40-1002 O-31 curve
- (6) MTH 40-1019 30 in straight
- (3) MTH 40-1005 O31 lefthand switch
- (14) MTH 40-1001 10 inch straight
- (2) MTH 40-1004 O31 righthand switch
- (5) MTH 40-1012 5.5 inch half straight
- (3) MTH 40-1042 O42 curve
- (4) MTH 40-1018 3.5 in straight
- (4) MTH 40-1017 4.25 in straight
- (2) MTH 40-1022 O-31 half curve
- (2) MTH 40-1016 5.0 in straight

RealTrax® Catenary



The RealTrax® Catenary System and RealTrax Catenary Expander are O Gauge's only ready-to-use catenary systems that setup in minutes! Simply position the authentic-looking catenary poles and wires per your layout's requirements, and enjoy the realism of a fully functional easy-to-use catenary system.

8-Piece System Features:

- Compatible with RealTrax® or any other O-Gauge Track
- Removable RealTrax® Lock-On Base Connection
- Thumbscrew Power Terminals
- Adjustable Pole Spacing
- Adjustable Messenger Beam Height
- Adjustable Wire Positioning
- Base Mounting Screws Included



RealTrax - 8-Piece Catenary System
40-1035 \$149.95

RealTrax - 4-Piece Add-On Catenary System
40-1036 \$79.95

Catenary Hardware Pack
40-1039 \$19.95

This Pack Contains: (4) Messenger Expander Plates, (4) Messenger Extension Plates, (16) Screws, (16) Star Lock-Washers, (16) Nuts

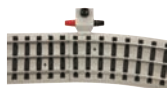
Tinplate Standard Gauge Track



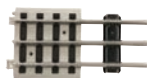
Std. Gauge Track w/
Roadbed 1/2 42" Curve
11-99043 \$4.99



Std. Gauge Track w/
Roadbed - 72" Curve
11-99072 \$6.99



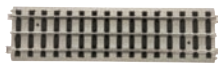
Std. Gauge Track w/
Roadbed Lighted
Lockon
11-99004 \$5.99



Std. Gauge Track
w/ Roadbed Switch
Adapter Track Section
11-99011 \$8.99



Std. Gauge Track w/
Roadbed 3.5" Straight
11-99018 \$4.99



Std. Gauge Track w/
Roadbed 14" Reg.
Straight
11-99001 \$5.99



Std. Gauge Track w/
Roadbed Adapter
Track
11-99010 \$8.99



Std. Gauge Track w/
Roadbed 7" Reg.
Straight
11-99002 \$4.99



Std. Gauge Track w/
Roadbed 1/2 72"
Curve
11-99073 \$4.99



Std. Gauge Track
w/ Roadbed - 28"
Straight
11-99003 \$12.99



Std. Gauge Track w/
Roadbed - 42" Curve
11-99042 \$5.99



Std. Gauge Track - 84"
Dia. Curved
11-99095 \$5.99



Std. Gauge Track - 42" Reg.
Curved
11-99093 \$4.99



Std. Gauge Track
Straight w/Extra Ties
11-99092 \$5.49



Std. Gauge Track
2" Wide Radius Curve
11-99094 \$5.49



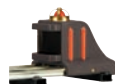
Std. Gauge Track
1/2 Reg. Straight
11-99096 \$3.49



Std. Gauge Track - 36" Extra
Ties Straight
11-99099 \$9.99



Std. Gauge Track - 36" Reg. Straight
11-99098 \$8.99



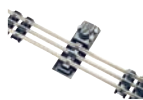
Std. Gauge Track
Lighted Bumpers (2)
11-99024 \$49.95



Std. Gauge Track
42" Reg. 1/2 Curved
11-99097 \$3.49



Std. Gauge Track
14" Reg. Straight
11-99091 \$4.99



Track Activation Device
11-99090 \$14.95



O/Std. Gauge
Lighted Lockon
11-99021 \$4.99

Green Base - Std. Gauge Switch - Right Hand 42"
11-99044 \$89.95

Green Base - Std. Gauge Switch - Left Hand 42"
11-99045 \$89.95

Green Base - Std. Gauge Switch (Wide Radius)
Right Hand 72"

11-99075 \$99.95

Green Base - Std. Gauge Switch (Wide Radius)
Left Hand 72"

11-99074 \$99.95

Black Base - Std. Gauge Switch Right Hand 42"
11-99046 \$89.95

Black Base - Std. Gauge Switch Left Hand 42"
11-99047 \$89.95

Black Base - Std. Gauge Switch Right Hand 72"
11-99076 \$99.95

Black Base - Std. Gauge Switch
Left Hand 72"

11-99077 \$99.95



O Gauge ScaleTrax™

ScaleTrax™ by MTH Electric Trains is the ultimate track layout solution for which detail-oriented scale 3-rail model railroaders are searching. No longer will an O Gauge modeler have to accept the "tubular" track look because ScaleTrax™ offers maximum accuracy and the exceptional quality of MTH products. They are perfect for your authentic looking layout.

Each ScaleTrax™ track section features two solid extruded authentically profiled Nickel Silver rails and one inconspicuous solid extruded center rail - all affixed to accurately sized and spaced track ties. No longer will your consists ride too high off the ground. Best of all, the end-of-rail electrical connectors come pre-welded to the underside of each section. There simply is no need to plug in your soldering iron when using ScaleTrax™.

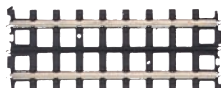
Whether assembling your first layout, adding to a present layout, or replacing your old track, ScaleTrax™ is the most rugged, realistic, scale proportioned, easy-to-use 3-rail scale O-gauge track system available.



ScaleTrax™ - 5.0" Track Section
45-1013 \$3.50

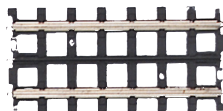


ScaleTrax™ - 1.75" Track Section
45-1011 \$2.49



ScaleTrax™ - 5.5" Track Section
45-1014 \$3.50

IT TAKES **EIGHT O-31 CURVES** TO MAKE A CIRCLE.
IT TAKES **TWELVE 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.



ScaleTrax™ - 4.25" Track Section
45-1012 \$3.50



ScaleTrax™ - 10" Straight Track Section
45-1001 \$3.99



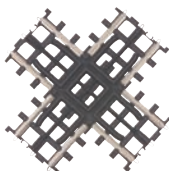
ScaleTrax™ - 30" Track Section
45-1019 \$10.99



ScaleTrax™ - 30" FlexTrack Section
45-1049 \$9.95



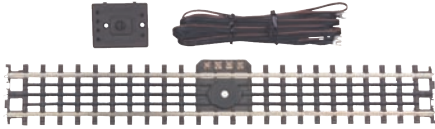
ScaleTrax™ - 22.5° Crossing
45-1015 \$19.95



ScaleTrax™ - 90° Crossing
45-1005 \$19.95



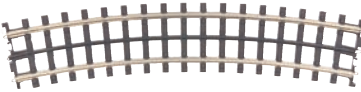
ScaleTrax™ 45° Crossing
45-1006 \$19.95



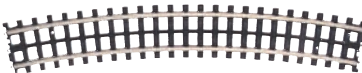
ScaleTrax™ - 15" Operating Track Section
45-1035 \$19.95



ScaleTrax™ - O-31 Curved Track Section
45-1002 \$3.99



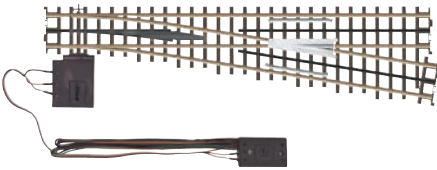
ScaleTrax™ - O-54 Curved Track Section
45-1007 \$3.99



ScaleTrax™ - O-72 Curved Track Section
45-1010 \$4.99

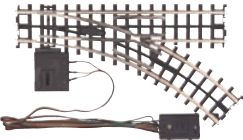


ScaleTrax™ - O-80 Curved Track Section
45-1034 \$5.99



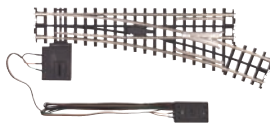
ScaleTrax™ - No. 6 Switch (LH)
45-1052 \$69.95

ScaleTrax™ - No. 6 Switch (RH)
45-1053 \$69.95



ScaleTrax™ - O-31 Switch (RH)
45-1004 \$49.95

ScaleTrax™ - O-31 Switch (LH)
45-1003 \$49.95



ScaleTrax™ - O-72 Switch (RH)
45-1020 \$49.95

ScaleTrax™ - O-72 Switch (LH)
45-1021 \$49.95



ScaleTrax™ Bumper
45-1025 \$15.95



ScaleTrax™ - ITAD
45-1028 \$34.95



MTH RR Track Layout Software
45-1100 \$49.95

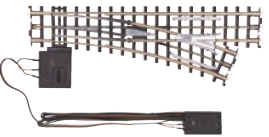
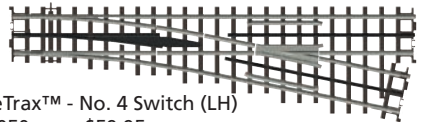


ScaleTrax™ - Lockon
45-1033 \$3.99



ScaleTrax™ - No. 4 Switch (LH)
45-1050 \$59.95

ScaleTrax™ - No. 4 Switch (RH)
45-1051 \$59.95



ScaleTrax™ - O-54 Switch (RH)
45-1009 \$49.95

ScaleTrax™ - O-54 Switch (LH)
45-1008 \$49.95

ScaleTrax™ Layout Packages

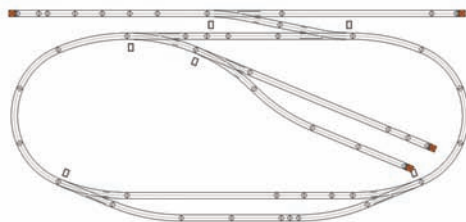
Don't have the time or inclination to design your own layout? Check out ScaleTrax layout packages, featuring track plans designed by Dave Hikel, renowned West Coast custom layout builder. Each package includes all the track and switches needed to build a complete layout. For details and track plans, click the ScaleTrax logo at the bottom of the M.T.H. home page, www.mthtrains.com. Order the Scaletrax components from any M.T.H. Authorized Retailer and M.T.H. will drop ship your order directly from Maryland. If you prefer to design your own plan use RR Track layout design software and take your design to any M.T.H. Authorized Retailer and we will drop ship the order for them.

Roosevelt Junction

Roosevelt Junction starts small at just 4 ft. by 8 ft., but can grow in four phases to reach an awesome 8 ft. by 16 ft. railroading empire. Each 4 ft. by 8 ft. phase adds new operating possibilities. As you grown in the O Gauge railroading hobby, your layout can grow with you.

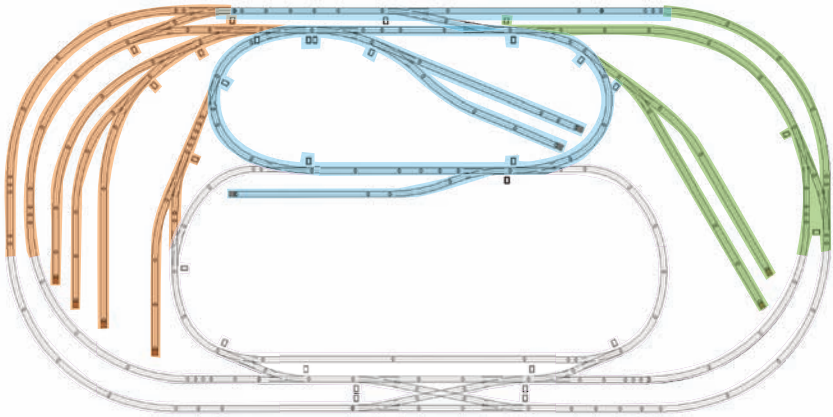
Roosevelt Junction - Phase 1

Roosevelt Junction begins as a small railroad with lots of fun. Sidings on both sides of the mainline allow for interesting switching operations between an engine yard and freights sidings. The mainline allows for continuous running when you want to sit back and watch the trains. The passing siding is long enough to accommodate most starter set trains, allowing two trains to pass each other.



ScaleTrax Pieces

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$ 3.99	6	\$23.94
45-1002	O-31 curve	\$ 3.99	6	\$23.94
45-1010	O-72 curve	\$ 4.99	5	\$24.95
45-1011	1.75 inch straight	\$ 2.49	3	\$7.47
45-1012	4.25 inch straight	\$ 3.50	6	\$21.00
45-1013	5 inch straight	\$ 3.50	1	\$3.50
45-1014	5.5 inch straight	\$ 3.50	6	\$21.00
45-1019	30 inch straight	\$ 10.99	3	\$32.97
45-1020	O-72 RH switch	\$ 49.95	3	\$149.85
45-1021	O-72 LH switch	\$ 49.95	1	\$49.95
45-1025	bumper	\$ 15.95	4	\$63.80
45-1033	lock-on	\$ 3.99	6	\$23.94
45-1051	#4 RH switch	\$ 59.95	2	\$119.90
45-1101		PACKAGE TOTAL:		\$559.95



Roosevelt Junction - Phase 2

The second phase of Roosevelt junction adds numerous operating possibilities. The mainline doubles in length, yard capacity nearly triples, and a reversing wye allows entire trains to change direction.

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$ 3.99	3	\$11.97
45-1002	O-31 curve	\$ 3.99	3	\$11.97
45-1003	O-31 LH switch	\$ 49.95	1	\$49.95
45-1007	O-54 curve	\$ 3.99	3	\$11.97
45-1009	O-54 RH switch	\$ 49.95	1	\$49.95
45-1010	O-72 curve	\$ 4.99	11	\$54.89
45-1011	1.75 inch straight	\$ 2.49	11	\$27.39
45-1012	4.25 inch straight	\$ 3.50	2	\$7.00
45-1013	5 inch straight	\$ 3.50	3	\$10.50
45-1019	30 inch straight	\$ 10.99	2	\$21.98
45-1020	O-72 RH switch	\$ 49.95	6	\$299.70
45-1021	O-72 LH switch	\$ 49.95	2	\$99.90
45-1025	bumper	\$ 15.95	4	\$63.80
45-1033	lock-on	\$ 3.99	7	\$27.93
45-1034	O-80 curve	\$ 5.99	1	\$5.99
45-1102	PACKAGE TOTAL: \$749.95			

Roosevelt Junction - Phase 3

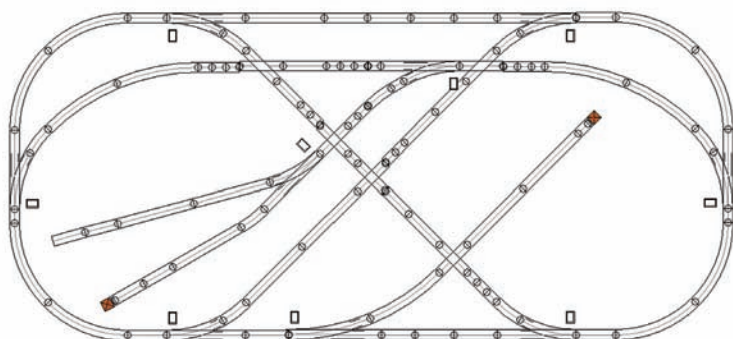
The third phase of Roosevelt junction adds still more operating possibilities. The mainline again doubles in length and a long two-track spur is added making a perfect location for engine sheds or dead-end sidings.

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$ 3.99	6	\$23.94
45-1002	O-31 curve	\$ 3.99	2	\$7.98
45-1004	O-31 RH switch	\$ 49.95	1	\$49.95
45-1007	O-54 curve	\$ 3.99	2	\$7.98
45-1009	O-54 RH switch	\$ 49.95	1	\$49.95
45-1010	O-72 curve	\$ 4.99	5	\$24.95
45-1011	1.75 inch straight	\$ 2.49	5	\$12.45
45-1012	4.25 inch straight	\$ 3.50	1	\$3.50
45-1014	5.5 inch straight	\$ 3.50	1	\$3.50
45-1019	30 inch straight	\$ 10.99	2	\$21.98
45-1020	O-72 RH switch	\$ 49.95	2	\$99.90
45-1021	O-72 LH switch	\$ 49.95	1	\$49.95
45-1025	bumper	\$ 15.95	1	\$15.95
45-1033	lock-on	\$ 3.99	3	\$11.97
45-1034	O-80 curve	\$ 5.99	3	\$17.97
45-1103	PACKAGE TOTAL: \$399.95			

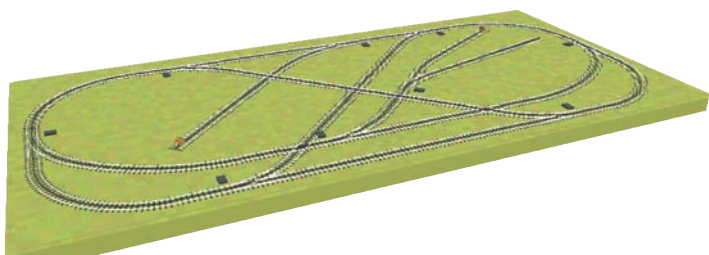
Roosevelt Junction - Phase 4

The fourth and final addition to Roosevelt Junction transforms the layout into a hi-rail empire. The layout now sports a double track mainline with minimum O-72 curves as well as an interior O-31 loop allowing independent operations of three trains. Carefully located crossovers permit east access from either O-72 mainline into the yards. Three yard spurs connect to the mains with O-72 or larger curves so that even the largest articulated locomotives will feel right at home in Roosevelt Junction.

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$ 3.99	5	\$19.95
45-1007	O-54 curve	\$ 3.99	1	\$3.99
45-1008	O-54 LH switch	\$ 49.95	2	\$99.90
45-1009	O-54 RH switch	\$ 49.95	2	\$99.90
45-1010	O-72 curve	\$ 4.99	10	\$49.90
45-1011	1.75 inch straight	\$ 2.49	8	\$19.92
45-1013	5 inch straight	\$ 3.50	3	\$10.50
45-1014	5.5 inch straight	\$ 3.50	5	\$17.50
45-1015	22.5 deg crossing	\$ 19.95	1	\$19.95
45-1019	30 inch straight	\$ 10.99	2	\$21.98
45-1033	lock-on	\$ 3.99	5	\$19.95
45-1034	O-80 curve	\$ 5.99	4	\$23.96
45-1050	#4 LH switch	\$ 59.95	2	\$119.90
45-1051	#4 RH switch	\$ 59.95	2	\$119.90
45-1104	PACKAGE TOTAL: \$749.95			

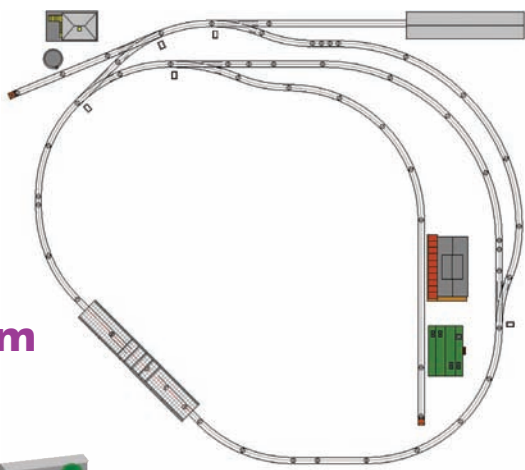


4x8 Freight Central

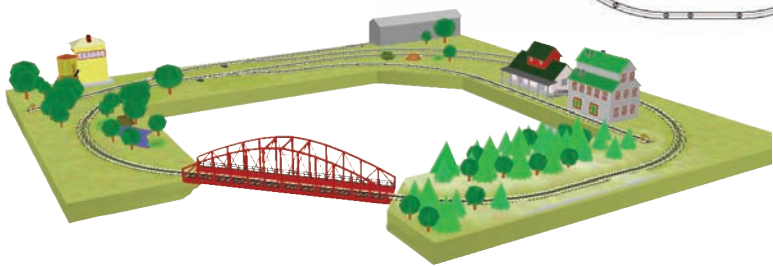


ScaleTrax™ Pieces 45-1108

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$ 3.99	8	\$31.92
45-1002	O-31 curve	\$ 3.99	8	\$31.92
45-1003	O-31 LH switch	\$ 49.95	4	\$199.80
45-1004	O-31 RH switch	\$ 49.95	4	\$199.80
45-1005	90 deg crossing	\$ 19.95	3	\$59.85
45-1006	45 deg crossing	\$ 19.95	2	\$39.90
45-1007	O-54 curve	\$ 3.99	5	\$19.95
45-1008	O-54 LH switch	\$ 49.95	1	\$49.95
45-1009	O-54 RH switch	\$ 49.95	0	\$0.00
45-1010	O-72 curve	\$ 4.99	0	\$0.00
45-1011	1.75 inch straight	\$ 2.49	24	\$59.76
45-1012	4.25 inch straight	\$ 3.50	7	\$24.50
45-1013	5 inch straight	\$ 3.50	5	\$17.50
45-1014	5.5 inch straight	\$ 3.50	10	\$35.00
45-1015	22.5 deg crossing	\$ 19.95	0	\$0.00
45-1019	30 inch straight	\$ 10.99	0	\$0.00
45-1020	O-72 RH switch	\$ 49.95	0	\$0.00
45-1021	O-72 LH switch	\$ 49.95	0	\$0.00
45-1025	bumper	\$ 15.95	2	\$31.90
45-1033	lock-on	\$ 3.99	4	\$15.96
45-1034	O-80 curve	\$ 5.99	0	\$0.00
45-1035	15" uncoupling section	\$ 19.95	0	\$0.00
45-1049	30 inch flex	\$ 9.95	0	\$0.00
45-1050	#4 LH switch	\$ 59.95	0	\$0.00
45-1051	#4 RH switch	\$ 59.95	0	\$0.00
45-1052	#6 LH switch	\$ 69.95	0	\$0.00
45-1053	#6 RH switch	\$ 69.95	0	\$0.00
PACKAGE TOTAL:				\$817.71

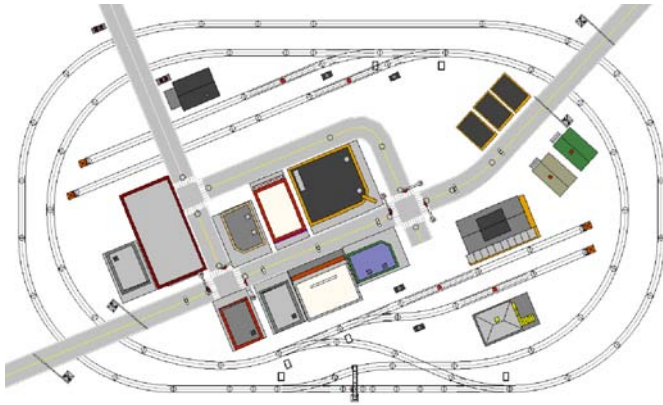


8x9 Spare Room and Pacific RR



ScaleTrax™ Pieces 45-1105

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$ 3.99	9	\$35.91
45-1002	O-31 curve	\$ 3.99	0	\$0.00
45-1003	O-31 LH switch	\$ 49.95	0	\$0.00
45-1004	O-31 RH switch	\$ 49.95	0	\$0.00
45-1005	90 deg crossing	\$ 19.95	0	\$0.00
45-1006	45 deg crossing	\$ 19.95	0	\$0.00
45-1007	O-54 curve	\$ 3.99	19	\$75.81
45-1008	O-54 LH switch	\$ 49.95	1	\$49.95
45-1009	O-54 RH switch	\$ 49.95	3	\$149.85
45-1010	O-72 curve	\$ 4.99	7	\$34.93
45-1011	1.75 inch straight	\$ 2.49	5	\$12.45
45-1012	4.25 inch straight	\$ 3.50	3	\$10.50
45-1013	5 inch straight	\$ 3.50	2	\$7.00
45-1014	5.5 inch straight	\$ 3.50	2	\$7.00
45-1015	22.5 deg crossing	\$ 19.95	0	\$0.00
45-1019	30 inch straight	\$ 10.99	2	\$21.98
45-1020	O-72 RH switch	\$ 49.95	1	\$49.95
45-1021	O-72 LH switch	\$ 49.95	0	\$0.00
45-1025	bumper	\$ 15.95	2	\$31.90
45-1033	lock-on	\$ 3.99	8	\$31.92
45-1034	O-80 curve	\$ 5.99	1	\$5.99
45-1035	15" uncoupling section	\$ 19.95	0	\$0.00
45-1049	30 inch flex	\$ 9.95	0	\$0.00
45-1050	#4 LH switch	\$ 59.95	0	\$0.00
45-1051	#4 RH switch	\$ 59.95	0	\$0.00
45-1052	#6 LH switch	\$ 69.95	0	\$0.00
45-1053	#6 RH switch	\$ 69.95	0	\$0.00
PACKAGE TOTAL:		\$519.95		

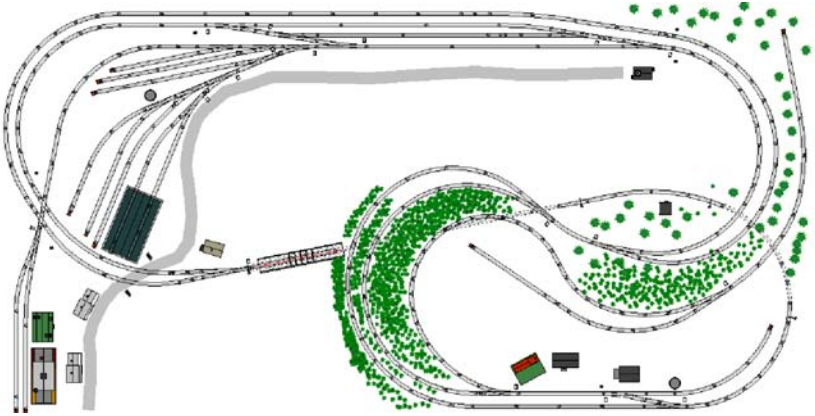


6x10 Main Street

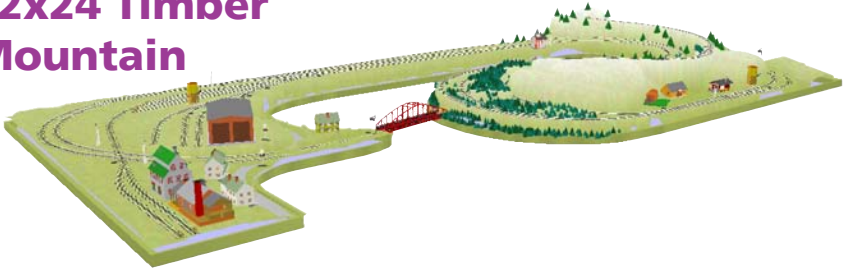


ScaleTrax™ Pieces 45-1107

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$ 3.99	10	\$39.90
45-1002	O-31 curve	\$ 3.99	0	\$0.00
45-1003	O-31 LH switch	\$ 49.95	0	\$0.00
45-1004	O-31 RH switch	\$ 49.95	0	\$0.00
45-1005	90 deg crossing	\$ 19.95	0	\$0.00
45-1006	45 deg crossing	\$ 19.95	0	\$0.00
45-1007	O-54 curve	\$ 3.99	30	\$119.70
45-1008	O-54 LH switch	\$ 49.95	3	\$149.85
45-1009	O-54 RH switch	\$ 49.95	3	\$149.85
45-1010	O-72 curve	\$ 4.99	2	\$9.98
45-1011	1.75 inch straight	\$ 2.49	3	\$7.47
45-1012	4.25 inch straight	\$ 3.50	5	\$17.50
45-1013	5 inch straight	\$ 3.50	2	\$7.00
45-1014	5.5 inch straight	\$ 3.50	0	\$0.00
45-1015	22.5 deg crossing	\$ 19.95	1	\$19.95
45-1019	30 inch straight	\$ 10.99	3	\$32.97
45-1020	O-72 RH switch	\$ 49.95	0	\$0.00
45-1021	O-72 LH switch	\$ 49.95	0	\$0.00
45-1025	bumper	\$ 15.95	4	\$63.80
45-1033	lock-on	\$ 3.99	0	\$0.00
45-1034	O-80 curve	\$ 5.99	4	\$23.96
45-1035	15" uncoupling section	\$ 19.95	4	\$79.80
45-1049	30 inch flex	\$ 9.95	0	\$0.00
45-1050	#4 LH switch	\$ 59.95	0	\$0.00
45-1051	#4 RH switch	\$ 59.95	0	\$0.00
45-1052	#6 LH switch	\$ 69.95	0	\$0.00
45-1053	#6 RH switch	\$ 69.95	0	\$0.00
PACKAGE TOTAL:				\$719.95



12x24 Timber Mountain



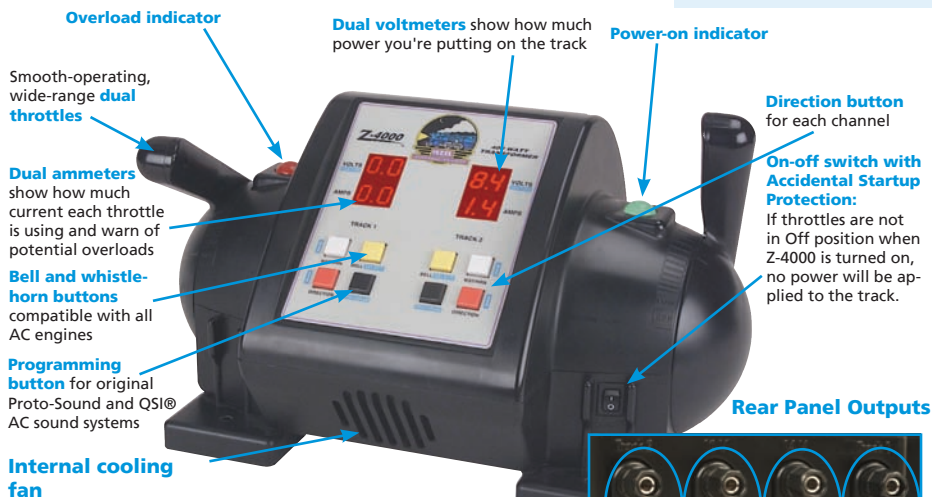
ScaleTrax™ Pieces 45-1106

Item #	Description	MSRP	QTY	Extension
45-1001	10 inch straight	\$ 3.99	14	\$55.86
45-1002	O-31 curve	\$ 3.99	0	\$0.00
45-1003	O-31 LH switch	\$ 49.95	0	\$0.00
45-1004	O-31 RH switch	\$ 49.95	0	\$0.00
45-1005	90 deg crossing	\$ 19.95	0	\$0.00
45-1006	45 deg crossing	\$ 19.95	2	\$39.90
45-1007	O-54 curve	\$ 3.99	10	\$39.90
45-1008	O-54 LH switch	\$ 49.95	0	\$0.00
45-1009	O-54 RH switch	\$ 49.95	0	\$0.00
45-1010	O-72 curve	\$ 4.99	41	\$204.59
45-1011	1.75 inch straight	\$ 2.49	4	\$9.96
45-1012	4.25 inch straight	\$ 3.50	5	\$17.50
45-1013	5 inch straight	\$ 3.50	1	\$3.50
45-1014	5.5 inch straight	\$ 3.50	2	\$7.00
45-1015	22.5 deg crossing	\$ 19.95	0	\$0.00
45-1019	30 inch straight	\$ 10.99	30	\$329.70
45-1020	O-72 RH switch	\$ 49.95	1	\$49.95
45-1021	O-72 LH switch	\$ 49.95	5	\$249.75
45-1025	bumper	\$ 15.95	11	\$175.45
45-1033	lock-on	\$ 3.99	30	\$119.70
45-1034	O-80 curve	\$ 5.99	22	\$131.78
45-1035	15" uncoupling section	\$ 19.95	0	\$0.00
45-1049	30 inch flex	\$ 9.95	23	\$228.85
45-1050	#4 LH switch	\$ 59.95	3	\$179.85
45-1051	#4 RH switch	\$ 59.95	5	\$299.75
45-1052	#6 LH switch	\$ 69.95	4	\$279.80
45-1053	#6 RH switch	\$ 69.95	3	\$209.85
PACKAGE TOTAL:				\$2599.95

Transformers

400 Watts! The Most Powerful 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.



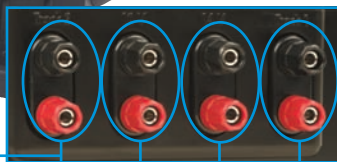
Z-4000® Transformer

40-4000 \$459.95

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



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)

Put the power of the Z-4000, all 400 watts of it, into the palm of your hand with the Z-4000 Remote Control System!

Z-4000 Remote Control System

40-4001 \$149.95

- (1) Z-4000 Remote Control Unit
- (1) Z-4000 Remote Control Receiver
- Fully Assembled
- LCD Screen
- One-Touch Button Operation
- Controls Up To (3) Z-4000 Transformers
- Requires (4) AAA Batteries (not included)
- 30' Range



Z-4000 Remote Control Receiver

40-4002 \$79.95



WHY THE OR 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

POWER UP with the best transformers in Model Railroading!



100 Watts

Z-1000™ AC Transformer & Controller

40-1000 \$109.95

100-Watt Accessory AC Power Supply

40-1000A \$79.95

With 14 Volt Accessory Port

Also supplied with most RailKing Ready-to-Run sets, the Z-1000 is the smoothest-operating, most powerful train set transformer in O gauge.

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. transformers offer

- Incredibly smooth, wide range throttle for precise speed control
- Bell and whistle/horn buttons that work with all makes of 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 \$49.95

Includes Z-500/Z-750 transformer controller, RealTrax lock-on (40-1003), RealTrax wire harness (40-1015)



50 Watts



Z-500™ AC Transformer

40-500 \$59.95

Designed for smaller layouts, the Z-500 offers the same control features as the Z-1000 but with less power.



TIU/Barrel Jack Adapter Cable
50-1017 \$9.95



RealTrax Wire Harness
40-1015 \$4.99
Wire Harness
10-1020 \$3.99



Z-DC1 DC Transformer

40-200 \$19.95

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

20 Watts

Z-DC300 DC Transformer

40-300 \$79.95



30 Watts



SIMPLY THE BEST

THIS REMOTE IS **SIMPLE**.

IT SPEAKS **ENGLISH, NOT ICONS**.

IT CAN BE **OPERATED EASILY WITH ONE HAND**.

IT CAN BE **UPGRADED FOR FREE** OVER THE INTERNET.



It can run over 1400* Proto-Sound® 2.0 and 3.0 engines and every Lionel®, Atlas, Weaver, and Third Rail 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 ACCESSORY OR SWITCH**. It can create scenes and routes that are triggered with one push of a button.



To request a **COMPLEMENTARY DVD** on DCS and M.T.H. technology, email us or call us at 410-381-2580.

WHAT CAN YOUR REMOTE DO?

* Number of different Proto-Sound® 2.0 engines cataloged through the 2012 Volume 1 MTH catalog.

** While all TMCC features can be accessed by the DCS handheld remote, at present some Legacy features cannot be accessed by the DCS remote.



EVERY PROTO-SOUND 2.0 AND 3.0 TRAIN SET LOCOMOTIVE IS ALREADY EQUIPPED TO RUN ON DCS

WAY TO RUN A RAILROAD

Command Control Explained

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

In the DCS system, commands such as speed, direction, and sound control are sent as radio signals from the handheld throttle to a TIU (track interface unit). The TIU translates those radio signals into digital information that is sent through the rails and picked up by a receiver in the appropriate engine — telling

it to go, for example, 37 miles per hour, blow the whistle, smoke more heavily, or any other command. DCS locomotives can also send information back to the handheld to let the operator know what they're doing.

A unique feature of DCS is the ability to control the other major command systems used by 3-rail O gauge modelers, Lionel's TrainMaster® Command Control (TMCC®) and Legacy™ systems. With the addition of a Lionel command base, the DCS handheld can control engines from all systems on the same track at the same time.

The new TIU/TMCC-Legacy Connector Cable also allows you to run both the DCS and Legacy systems simultaneously on your layout, using both the DCS and Legacy handheld remotes.

INTUITIVE MENUS ALLOW YOU TO **PROGRAM, SELECT, AND CONTROL ENGINES, SWITCHES, AND ACCESSORIES.**

1 Go to the engine setup menu

▶ ADD ENGINE
EDIT ENGINE
DELETE ENGINE
MENU:ENGINE SETUP

2 Choose your engine type

▶ ADD MTH ENGINE
ADD TMCC ENGINE
MENU:ADD ENGINE

3 DCS will "look" for Proto-Sound® or TMCC command-equipped engines on your layout. When it finds one, it adds it onto your remote and tells you when it's done.

CONGRATULATIONS
YOU SUCCESSFULLY
ADDED AN MTH ENGINE

SMPH: 10
1: PRR S1
MTC SCS S01 LIN →

New! DCS 4.20

DCS 4.20, the latest DCS software upgrade, is now available as a free download and is fully compatible with all DCS systems and every Proto-Sound 2.0 or 3.0 equipped locomotive engine ever made. DCS 4.20 features new engine control options; allows the DCS handheld to emulate virtually every feature of the TMCC CAB-1® handheld; and allows the user to back up data on the DCS handheld to a personal computer - and clone that data to another DCS handheld if desired.

For more information on DCS 4.20 and the entire DCS system, go to www.protosound2.com

DCS COMPONENTS

DCS Remote Control System
50-1001 \$329.95



DCS Track Interface Unit (TIU)
50-1003 \$189.95



DCS Remote Control -
Handheld Unit
50-1002 \$159.95



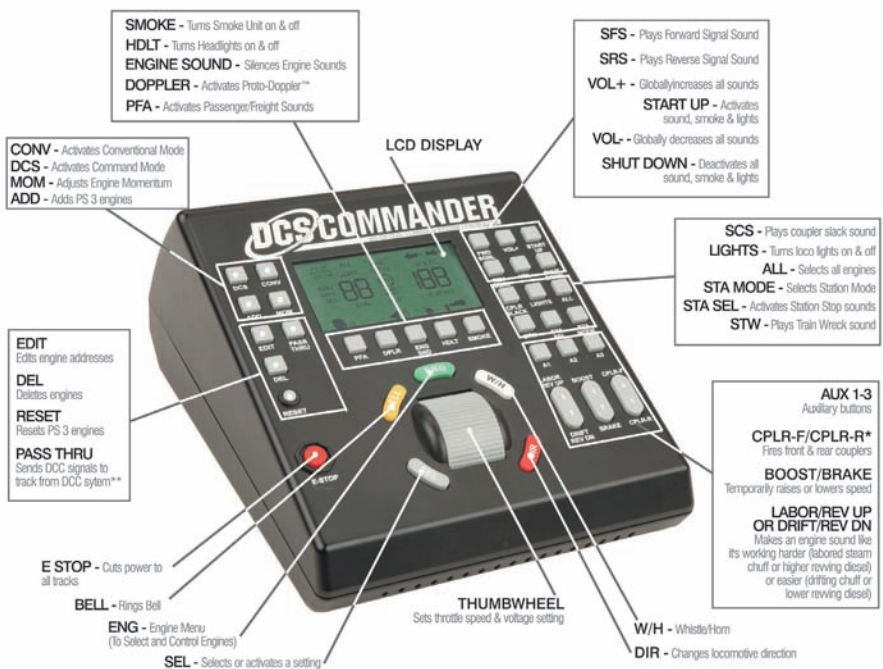
DCS Accessory Interface Unit (AIU)
50-1004 \$99.95

Proto-Sound Battery
50-1008 \$11.95
AA NiCad Proto-Sound Battery
50-1024 \$11.95
Proto-Sound 2.0 Battery Charger
50-1019 \$14.95
TIU/TMCC 6' Connector Cable
50-1032 \$19.95
6' Mini-to-Mini Cable
50-1009 \$9.95
24-Port Terminal Block
50-1020 \$29.95
12-Port Terminal Block
50-1014 \$19.95

DCS COMMANDER

HO DIGITAL COMMAND SYSTEM CONTROLLER

More Features Than Analog DC or DCC Command Control



* Operating couplers are not available on HO locomotives at this time.
 ** Customer supplied DCC system Required

The next generation of the DCS Digital Command System is here. The all-new DCS Commander brings a less expensive, but powerful command control device to your O Gauge and HO DC powered layouts. Connect a DCS Commander between the wires of your existing DCC system or DC power supply to the track and you can switch back and forth between DCS and Analog DC operating modes with just a push of a button.

Because many M.T.H. Proto-Sound 2.0** locomotives can operate on both AC or DC current, the DCS Commander may be the affordable DCS command control option you've been looking for. Available alone or bundled with a 100 watt power supply, The DCS commander outputs 18 volts of DC power and includes a built-in 5amp reset-

table breaker making it a perfect solution for small M.T.H. O Gauge layouts exclusive-ly running Proto-Sound 2.0** locomotives.

For HO operators, the DCS Commander Controller Set is a perfect power solution for almost any size HO layout. HO operators whose layouts are already outfitted with a DC power supply can choose the individual DCS Commander and plug their existing power supply right into the Commander's power inputs.

The DCS Commander provides the user with intuitive control of multiple Proto-Sound 2.0** or later equipped locomotives. For each locomotive, more than 32 functions are available at the touch of a single clearly-labeled button.



Perfect for Any Proto-Sound 2.0 Equipped Train Set!

DCS Commander System
w/100 Watt Power Supply
50-1029 \$229.95

DCS Commander Controller
50-1028 \$149.95

Features Include:

- Speed adjustment in one-scale mile-per-hour steps
- Independent feature control: tune your engines' sound, lights, smoke and acceleration/ deceleration settings
- Smoke On/Off
- Doppler Sounds: simulate the classic sound effect of a train approaching and then whizzing past
- Accent Sounds: activate any one of 7 individual sounds, including signal forward and reverse sounds, coupler slack, engine start-up and shut-down, engine labor and engine drift
- Activate Passenger Station and Freight Yard Sounds
- Individual locomotive control: select up to 10 Proto-Sound 2.0 or later engines
- Selectable control mode configurations: choose between analog DC, DCC and DCS operating modes
- Track Signal Test: test your layout's signal strength using the built-in signal strength analyzer.
- Proto-Whistle Quillable Sound Activation: access the built-in Proto-Whistle quillable sounds*** found inside your Proto-Sound 2.0 or later locomotives and using the thumbwheel to "play" your locomotive's whistle just like a real engineer!
- Access Whistle Signal Sounds: activate grade crossing whistle signals**** on your Proto-Sound 2.0 or later equipped locomotive

** Requires Proto-Sound 2.0 locomotive onboard 3-volt system or Proto-Sound 3.0 locomotive onboard system. Proto-Sound 2.0 3-volt systems are identified by their square battery charging jack on the locomotive chassis. See the locomotive's operator's manual for the exact location of the charging jack.

*** Proto-Whistle quillable sounds not found in all Proto-Sound 2.0 or later equipped locomotives. Refer to your locomotives operator's manual to determine if your locomotive is equipped with Proto-Whistle quillable sounds.

****Proto-Whistle grade crossing signals not found in all Proto-Sound 2.0 or later equipped locomotives.

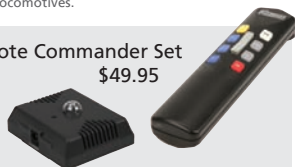
DCS Remote Commander Set

The DCS Remote Commander is an inexpensive wireless solution capable of accessing the most popular command control functions programmed into Proto-Sound 2.0 or 3.0 locomotives.* The DCS Remote Commander handheld controller features clearly labeled, one-button control of 9 engine functions. There are no function keys or special codes to remember. Access the locomotive whistle or horn, bell, smoke, direction and speed with just a single button push. You can also access Passenger Station or Freight Yard Proto-Effects, engine startup and shutdown sounds and control the front or rear Proto-Couplers with this lightweight, easy-to-use remote.

Adding a DCS Remote Commander to your existing layout is simple: just plug your power supply into the DCS Remote Commander receiver and the output wires from the receiver to your track lockon. The DCS Remote Commander can accept any power input (AC or DC) up to 20 volts and 8 amps, making it a perfect choice for small and moderately sized layouts.

*Proto-Sound 2.0 or later

DCS Remote Commander Set
50-1033 \$49.95



Features Include:

- Speed adjustment in one-scale-mile-per-hour steps
- Volume Control
- Smoke on/off
- Front & Rear Proto-Coupler Control
- Engine Start-up & Shutdown Sounds
- Activate Passenger Station and Freight Yard Sounds
- Whistle/Horn Control & Bell On/Off
- Locomotive Direction Control
- Wireless Communication With DCS Remote Commander Receiver
- LED Power On Lamp (Receiver Only)
- AC or DC Power Input
- Remote Requires (2) AA Batteries (not included)
- Unit Measures: 6 inches

M.T.H. Railroaders Club

JOIN THE CLUB

There are **NINE** 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



30-75406 MTHRRRC 4-Bay Cylindrical Hopper
RailKing Membership is \$50.00

Premier Membership



20-98874 MTHRRRC Railgon Gondola Car
with Coil Steel Load
Premier Membership is \$55.00

Tinplate O Gauge Membership



10-8083 MTHRRRC No. 2813 O Gauge Cattle Car
Tinplate 2800 Series Membership is \$90.00

Tinplate Std. Gauge Membership



10-2242 MTHRRRC No. 214 Std. Gauge Box Car
Tinplate 500 Series Membership is \$120.00

Lionel Corp. O Gauge Membership



11-70077 Lionel Corp. No. 2813 O Gauge Cattle Car
Lionel Corp. 2800 Series Membership is \$90.00

Lionel Corp. StD. Gauge Membership



11-30133 Lionel Corp. No. 214 Std. Gauge Box Car
Lionel Corp. 500 Series Membership is \$120.00

One-Gauge Membership



70-78036 MTHRRRC Merchants Dispatch 40' Reefer
One-Gauge Membership is \$100.00

HO Membership



81-97019 MTHRRRC Waddell Coal
USRA 55-Ton Steel Twin Hopper Car
HO Membership is \$30.00

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 Traditions™ or One Gauge) & have the option to collect the other Club cars as well.

The CrossingGate™ Club Magazine You will receive our full color Club magazines, jam-packed with product news, ideas from other members, rail history, & step-by-step articles explaining how M.T.H. technology can bring your railroad to life.



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 CD-ROM



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@ 2.0 train effects, & much more. This CD retails for \$79.95, but is yours FREE as a Club member.

Club Card & Lapel Pin



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

Proto-Sound@ 2.0 Upgrade Kits

Club members can save an additional 15% on these kits by visiting the MTHRRRC web page.

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, keep up with the latest news, & 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 & 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 web-site. Only MTHRRRC members can get these cars!



A Toy Train Story

This comprehensive book is a must for collectors & other lovers of toy trains. 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.



① 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?

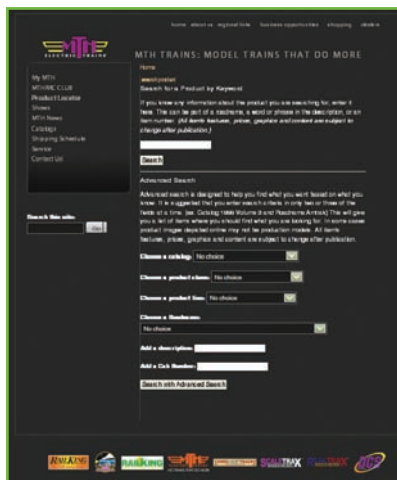
Use Product Search to search through nearly all of the 14,000 items we've made in the past 29 years, for your favorite road name, engine, or type of rolling stock.

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.

② 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.



③ WHEN IS IT COMING?

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

④ 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.

5 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.



6 WHAT'S NEW?

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

7 HOW CAN I LEARN MORE ABOUT DCS?

Follow the link to the protosound2.com Web site for DCS and Proto-Sound 2.0 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. Follow the link to the protosound2.com Web site for DCS and Proto-Sound 2.0 downloads.

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.

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M.T.H.'s DCS Digital Command System has received U.S. Patent No. 6,457,681. M.T.H.'s Proto-Sound 2.0 system has received U.S. Patent No. 6,457,681 B1 (sound system), 6,457,681 B1 (Proto-Speed Control), 6,046,641 (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. 6,662,917

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