

2013 Volume 1

RailKing & Premier O-Gauge Trains



EMT
ELECTRIC TRAINS®



A Progress Report and an Invitation:

See It, Hold It, Run It and Blue Comet Award



While M.T.H., along with every other O gauge manufacturer, works hard to promote our hobby, the greatest advocates that O gauge has are you. That's why, over the past several years, we've created the Blue Comet Award — a program to celebrate the work that many of you are doing to promote our hobby — and See It, Hold It, Run It, a companion program to help you attract new participants to keep our scale alive and vibrant — and also raise money for your club or organization.

Blue Comet Fourth Season

In our O gauge catalog this past spring, we honored the 2012 winners of the Blue Comet Award, given annually to the person or organization who does the most to promote the O gauge hobby to the general public. Submissions were so good that we were compelled to recognize two winners and six runners-up. You can learn more about them at www.mthtrains.com/news/060.

As fall marches toward winter and many of you again work your magic in sharing our hobby with the public, we hope you'll strongly consider competing in the Blue Comet Award's fourth season. Entries are due by January 31, 2013; rules can be found at www.mthtrains.com/news/008, and you can email us with questions at bluecometaward@mth-railking.com.

See It, Hold It, Run It — What is It?

Our See It, Hold It, Run It (SHR) program allows a club or organization to buy an MTH train set at dealer cost; have visitors to its show or layout handle the equipment, put it on the track and actually run it themselves; and then raffle off the set as a fundraiser. (The raffle is optional at a club's discretion, but current SHR participants have found it to be one of their most effective fundraisers.)

Our thinking is that actually handling and running the equipment — rather than just watching club members run trains — is a more effective way of helping both children and adults discover the fun of model railroading. In our experience, one of the quickest ways to convey the beauty of O gauge is to hand a visitor a locomotive — and spark that instant realization of how heavy and substantial and impressive it is, compared to the smaller scales. Buying a set at cost allows a club to do this without risking club members' personal equipment.

In addition, the handheld DCS Remote Commander included with all train sets in the SHR program offers control of more sounds and features than a traditional transformer — in a format familiar to any child who's ever had a remote control toy. The Remote Commander can also be used in a DCS environment, as long as the train set is on its own separate loop. SHR also provides a way for clubs to support their local hobby shop. M.T.H. Ready-to-Run catalogs are supplied for clubs to hand out at SHR venues, and clubs are encouraged to have a hobby shop apply its sticker to each catalog, to help promote the shop's business.

March 2012: SHR Kicks Off

See It, Hold It, Run It kicked off in earnest this past March. In its first six months, 11 clubs signed up for the program, completing 14 SHR events this spring and summer at venues ranging from local train shows to the New York State Fair. As this catalog goes to press in late September, 11 more SHR events are scheduled for October 2012 through April 2013. In the program's initial months,





* SHR debuted with three shows on the last weekend in March: In Dunbar, West Virginia, the Collis P. Huntington Model Railroad Club raffled off a diesel set to benefit children's units at local hospitals, while the Australian Model Railway Association — garnering the honors for most far-flung SHR venue — gained a new member when the winner of its raffle decided to join the club. And the Somerset 4-H Trainmasters, a New Jersey 4-H group that sponsors a multi-year program to help young people learn various aspects of model railroading, exhibited at the Greenberg show in Edison, New Jersey. In the following months, the Trainmasters held additional SHR events at the Railroad Museum of Pennsylvania in Strasburg and the Somerset County (NJ) 4-H Fair, the largest free, under-tent fair east of the Mississippi.

* West of the Mississippi, a lucky brother and sister won a Union Pacific steam freight set at the Angels Gate Hi-Railers open house in San Pedro, California. The Rocky Mountain Division TCA in Denver handed the throttle to visitors at its Fathers' Day show, alongside a prototype Big Boy at the Forney Museum of Transportation.



* The Intracoastal Model Railroad Club, an Honorable Mention winner in the 2012 Blue Comet Award competition, brought model railroading to areas of the Carolinas where the hobby has been little known, exhibiting at the Southport Spring Festival alongside a chili cook-off and sponsoring Summer Train Dayz near the Myrtle Beach resort.

* The Massillon O Gauge Model Railroad Club became the first year-round SHR venue, hosting several open houses each month at its Massillon, Ohio layout.

* The NJ Hi-Railers of Paterson, New Jersey, winners of the first

Blue Comet Award, signed up to host SHR events at several open houses throughout this fall — with their two SHR train sets then going to Santa for gifting to local needy families.

* Despite a storm of historic proportions that knocked out power for days, followed by high temperatures that made national news, the Cumberland County 4-H Train Club managed to set up its display at the Cumberland County Fair in southern New Jersey for a 6-day run.

* Two classic late-summer fairs were the scene of SHR events: The River City 3-Railers exhibited at the Chesterfield County Fair in Chesterfield, Virginia, where total fair attendance topped 32,000, and the Central New York Chapter of the National Railway Historical Society ran an SHR event at the New York State Fair in Syracuse, which reported 845,000 fairgoers. Both clubs will host additional SHR venues this fall.



Join Us!

If you're a member of a train club or part of a group that exhibits at shows, we invite you to join us in bringing new participants of all ages into our hobby. See It, Hold It, Run It provides a way for you to connect with visitors in a visceral way, far beyond having them watch while you run trains. It's fun — and it's good for the future of our hobby. To learn more and view a schedule of upcoming SHR events, go to www.mthtrains.com/news/2012shr. To ask questions or sign up, email us at shrprogram@mth-railking.com

And now, without further ado, we invite you to turn the page and see for yourself what we have to offer in this, our 33rd year of building model trains. As always, we hope you'll find items in this catalog that will surprise and delight you, and help you continue to enjoy this most wonderful of hobbies.

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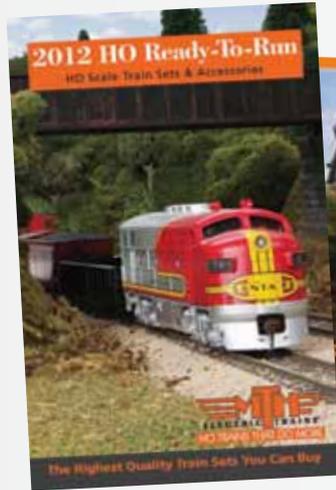
www.mthtrains.com

Benefits

From Other M.T.H. Product Lines

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!



Even if you're not interested in Tinplate, One Gauge, or HO scale, our products in these other areas have benefits for you — because new features developed for other scales or gauges may eventually appear in Premier and RailKing O gauge trains.

Our One Gauge Triplex, for example, is North America's first production model with a smoking whistle — a feature we're currently developing for O gauge steamers.

Our Proto-Sound 3.0 HO engines have smaller electronics compatible with both our DCS system and the DCC command control system popular with 2-rail modelers around the globe. Our HO diesels have operating, scale proportioned Proto-Couplers that — like their O Gauge brethren — can be triggered anywhere on the layout.

Unlike most other model train companies, we have a Research & Development team — located in its own facility in Michigan — that benefits hobbyists across a wide range of interests and scales.



About Our Product Lines

In this catalog you'll find two of the six M.T.H. product lines, our O Gauge Premier and RailKing lines. While they differ in detail level and price, under the shell they're very much the same. Every engine in this catalog shares the same Proto-Sound 3.0 electronics and the same quality M.T.H. construction. Premier and RailKing O Gauge engines can be run together on your railroad in conventional or DCS command mode.

Premier engines are full O scale models, 1/48 the size of their prototypes. Because of this, they often require larger radius curves than comparable RailKing models. Premier engines are as detailed as we can reasonably make them, and feature a large number of added-on parts. On Premier steamers, for example, most piping is separately applied, whereas piping on RailKing steam engines is cast onto the boiler. While smoke is standard on virtually all M.T.H. steamers, only Premier and RailKing Scale and Imperial diesels feature smoke. Premier engines also have more elaborate lighting effects.

RailKing models have less detail and are lower priced than their Premier counterparts. Unless otherwise noted, all RailKing engines will negotiate O-31 curves. While RailKing Scale engines are full O scale size, other RailKing engines may have smaller proportions than their prototypes, to make them appropriate for smaller traditional layouts with O-31 curves. RailKing Imperial models are our top-of-the-line RailKing engines, with features such as real coal loads and separately illuminated marker lamps.

RailKing One Gauge equipment offers long-lasting, impact-resistant polycarbonate bodies, powerful flywheel-equipped DC can motors, and precise 1:32 scale proportions and detail. Features include metal handrails, spinning fans, constant voltage lighting, puffing smoke timed to the engine's chuffing, firebox glow, cab figures, sliding cab windows, and much, much more. In addition to the eye-popping detail, the line is built tough for years of outdoor operation.

Lionel Corporation Tinplate models are made of stamped tinplate or die-cast metal, generally boasting bright, colorful enamel paint and M.T.H.'s state-of-the-art digital electronics. They provide collectors who cannot afford a pre-World War II original access to faithful, high quality, and highly detailed reproductions of model railroading's most nostalgic era.

The **M.T.H. HO** product line features locomotives sporting the absolute latest in cutting-edge digital electronics for the HO market.

MTH S Gauge, our newest venture, will soon offer the excitement of puffing smoke, digital sound, and DCS command control for the first time in superbly detailed 1:64 scale models.



Celebrate Lionel Corporation Tinplate!

Modelers in other scales can celebrate Lionel Corporation Tinplate, the newest M.T.H. product line, with O and Standard Gauge locomotives and freight cars.

LIONEL ELECTRIC TRAINS
MODEL RAILROAD ACCESSORIES
LIONEL CORPORATION TINPLATE



Proto-Sound 3.0

The Richest Set of Features in Model Railroading

Whether you operate with a conventional transformer or in command mode with DCC or DCS™ (M.T.H.'s Digital Command System), the Proto-Sound 3.0 system found in every locomotive in this catalog offers more realism, more fun, and more variety than any other locomotive control system in any scale.

VIVID ENGINE SOUNDS

Proto-Sound features digital recordings with CD-quality playback. We strive to make our sounds as authentic as possible, using the characteristic whistle for a particular steam engine, for example. With the optional DCS system, you can tune each engine to your preference by individually adjusting bell, horn or whistle, and chuff volume – play a steam engine quillable whistle as if you were pulling the whistle cord!

STATION SOUNDS

Proto-Sound passenger engines offer Passenger Station Proto-Effects™, a complete arrival and departure sequence that you can activate from your DCC or DCS controller. In most cases, the station sequence features an actual name train pulled by that particular engine. Freight engines include Freight Yard Proto-Effects, a symphony of freight terminal sounds.

ATMOSPHERIC SOUNDS

Crew conversations, the whoosh of a steam engine opening its cylinder cocks, and a host of other atmospheric sounds play automatically at random when using a conventional transformer — or can be activated manually from a DCC controller or the DCS handheld.

EXTRAORDINARY SLOW SPEED CAPABILITY

Proto-Sound engines can throttle down as slow as three scale miles per hour, highball down the main line, and maintain any speed in between. With certain DCC controllers, and any DCS controller, you can set engine speed in one-scale-mile-per-hour increments up to 120 smph. Go ahead, get out your stop watch and ruler and see how accurate our scale speeds are.

UNMATCHED SPEED CONTROL

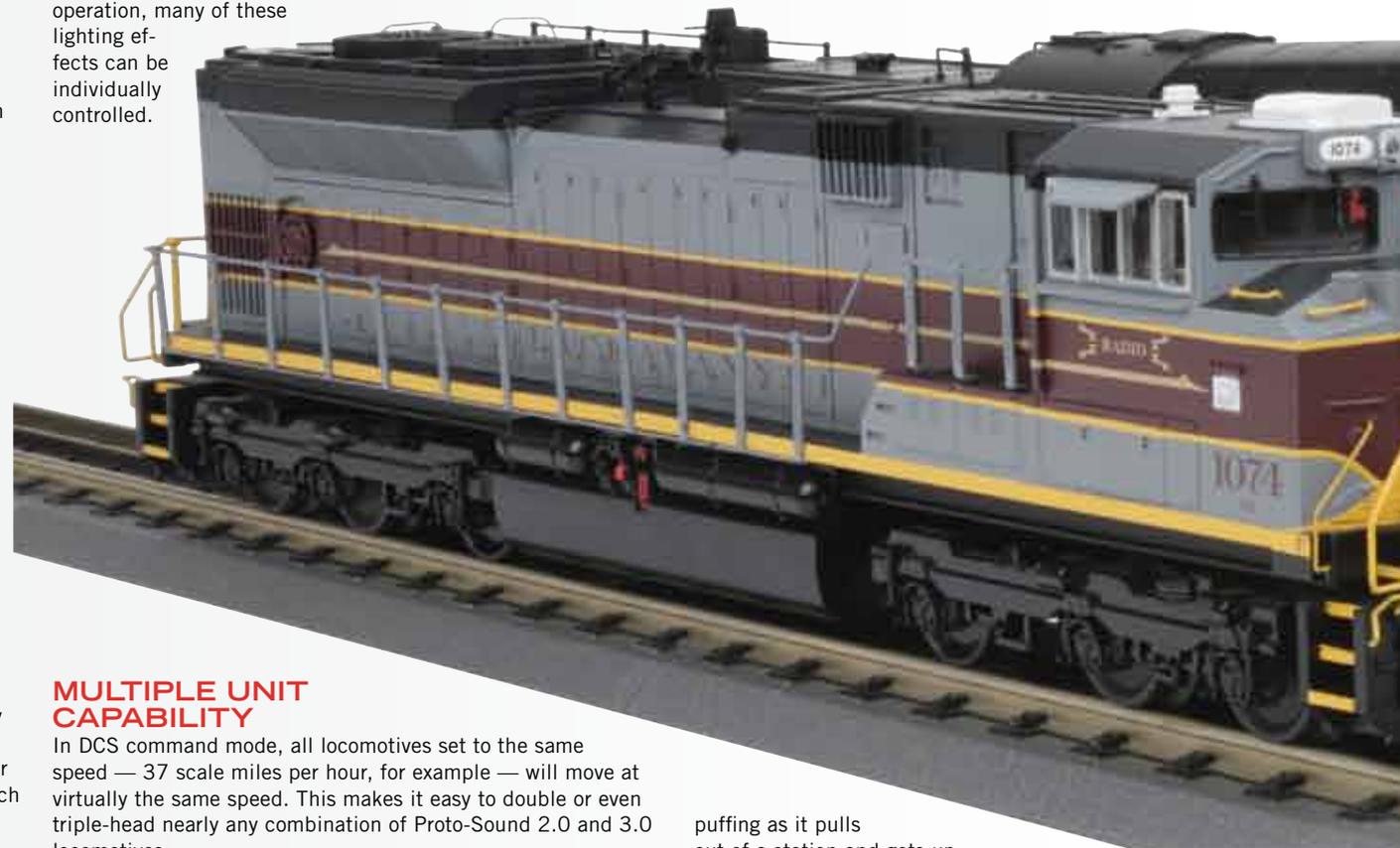
The Proto-Speed Control™ built into Proto-Sound 3.0 acts like the cruise control on a car, keeping your train moving at the speed you select, regardless of hills and curves. You can even switch off the speed control if you prefer.

LIGHTING EFFECTS

Proto-Sound locomotives feature prototypical Rule 17 lighting, including a variety of realistic lighting effects. Depending on the locomotive, these may include constant-brightness headlights, illuminated number boards, lighted marker lamps, and alternating ditch lights. In DCS operation, many of these lighting effects can be individually controlled.

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 model train, an M.T.H. locomotive portrays the drama of a steam engine slowly chuffing and



MULTIPLE UNIT CAPABILITY

In DCS command mode, all locomotives set to the same speed — 37 scale miles per hour, for example — will move at virtually the same speed. This makes it easy to double or even triple-head nearly any combination of Proto-Sound 2.0 and 3.0 locomotives.

GREAT SMOKE

Proto-Sound engines feature fan-driven ProtoSmoke™, the most powerful smoke system in the hobby. You can vary the intensity with the smoke "volume" control on the locomotive or remotely with any DCC or DCS controller.

puffing as it pulls out of a station and gets up to speed.

BRAKE SOUNDS

Engine brakes squeal whenever you throttle back sharply or pull into a station. In DCS mode, you can trigger the brake sound with the Brake button on the DCS handheld.

FULL COMPATIBILITY WITH ALL OPERATING SYSTEMS

Right out of the box, every Proto-Sound 3.0 M.T.H. engine is compatible with all operating systems: conventional AC or DC, DCC, and our own Digital Command System (DCS). No switches to flip or adjustments to make. Your Proto-Sound engine senses what kind of power is on the rails; just set it on the track and run it.

BI-DIRECTIONAL COMMUNICATION

Proto-Sound 2.0 and 3.0 engines not only receive commands from the DCS system, they can report back vital information, trigger other devices to operate, and diagnose your layout's wiring



and signal quality. Query a Proto-Sound 2.0 or 3.0 locomotive to find out how many scale miles it's run or how many hours it's been powered up. Check out the strength of the DCS signal on the track or measure the track voltage at a trouble spot. Measure the length of your track in scale miles. All of this is possible today, but only with a Proto-Sound 2.0 or 3.0-equipped locomotive when operated using the DCS Digital Command System.

OPERATE 'EM ALL

In DCS command mode, unlike any other command system available today, you'll have one-touch control over every Proto-Sound 2.0 or 3.0-equipped locomotive at the same time. Imagine, with the ALL command, your DCS system will start-up every locomotive at the same time! Almost every DCS feature can be sent to all the active engines at once. Tell 'em to run at 10 scale miles per hour and they'll all start moving at the same time and at the same speed.

PROTO-SOUND 3.0 DCC FUNCTIONALITY

Proto-Sound 3.0-equipped locomotives can be controlled in command mode with any DCC-compliant command control system.

While you won't have access to all of the incredible features of Proto-Sound 3.0, you will have full DCC command control. This means you can use your existing DCC controller to independently control your other DCC-equipped locomotives in addition to your Proto-Sound 3.0 locomotives on the same track at the same time.

Proto-Sound 3.0 DCC Features

When using a DCC controller, the following Proto-Sound 3.0 locomotive features are accessible:

Steam Features

- Headlight/Tail light
- Bell
- Whistle
- Start-up/Shut-down
- Passenger Station/Freight Yard Sounds
- All Other Lights (On/Off)
- Master Volume
- Front Coupler
- Rear Coupler
- Forward Signal
- Reverse Signal
- Grade Crossing
- Smoke On/Off
- Smoke Volume
- Idle Sequence 3
- Idle Sequence 2
- Idle Sequence 1
- Extended Start-up
- Extended Shut-down
- Labor Chuff (1)
- Drift Chuff (1)
- One Shot Doppler
- Coupler Slack
- Coupler Close
- Single Horn Blast
- Engine Sounds
- Brake Sounds
- Cab Chatter
- Feature Reset
- Train Marker (2)
- Train Operation (2)

(1) Not Included On European Steam Locomotives

(2) Found Only On European Steam Locomotives

Diesel/Electric Features

- Head Light/Tail Light
- Bell
- Horn
- Start-up/Shut-down
- Passenger Station/Freight Yard Sounds
- All Other Lights (On/Off)
- Master Volume
- Front Coupler
- Rear Coupler
- Forward Signal
- Reverse Signal
- Grade Crossing
- Clickety Clack (On/Off)
- Idle Sequence 4 (1)
- Idle Sequence 3 (2)
- Idle Sequence 2
- Idle Sequence 1
- Extended Start-up
- Extended Shut-down
- Rev Up (6)
- Rev Down (6)
- One Shot Doppler
- Coupler Slack
- Coupler Close
- Single Horn Blast
- Engine Sounds
- Brake Sounds
- Cab Chatter
- Feature Reset
- Smoke On/Off (3)
- Smoke Volume (3)
- Panto Auto/Manual (4)
- Front Panto Up/Down (4)
- Rear Panto Up/Down (4)
- Train Marker (5)
- Country Selection (5)

(1) Found Only On Diesel Locomotives w/o Smoke

(2) Not Included On Electrics

(3) Found Only On Diesel Locomotives w/Smoke

(4) Found Only On Electric Locomotives

(5) Found Only On European Electric Locomotives

(6) Not Included On European Electric Locomotives



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.



Remote Shown
Actual Size

Simply to Run

It can run over 3800* Proto-Sound® 2.0 & 3.0 engines and every 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 0 SCALE ACCESSORY OR SWITCH**. It can create scenes and routes that are triggered with one push of a button.

WHAT CAN YOUR REMOTE DO?

* Number of different Proto-Sound® 2.0 and 3.0 engines cataloged through the 2012 Volume 2 Catalog.

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

the Best Way 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.

Learn More About It



TRY IT at your local DCS Demo Center

Request a Complimentary DVD on DCS and M.T.H. technology. Log on to the DCS Web site, www.protosound2.com

Take your favorite Proto-Sound 2.0 or 3.0 engine to any DCS Demo Center and experience the additional features your engine has with DCS control. To find your nearest demo center or request your complimentary DVD, visit www.mthtrains.com.

DCS COMMANDER: Get into DCS on a budget

Ideal for small layouts running two or three Proto-Sound 2.0 or 3.0 locomotives. Learn more about it using our online Product Search feature to see more information and read the instruction manual.



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

DCS Commander Controller (with out power supply)
50-1028 \$149.95



DCS Remote Commander Set
50-1033 \$49.95



DCS Remote Control System
50-1001 \$329.95



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



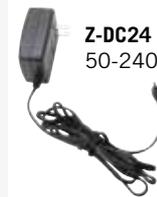
Proto-Sound 2.0 Battery Charger
50-1019 \$14.95



AA NiCad Proto-Sound Battery
50-1024 \$11.95



Proto-Sound Battery
50-1008 \$11.95



Z-DC24 24-Watt Power Supply
50-240 \$17.95



DCS Companion
60-1279
Digital Version \$12.95
Soft Cover \$29.95
Available as a soft cover book or a pdf download - order from www.mthtrains.com



24-Port Terminal Block
50-1020 \$29.95
12-Port Terminal Block
50-1014 \$19.95

DCS Remote Control Handheld Unit
50-1002 \$159.95



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



6' Mini-to-Mini Cable
50-1009 \$9.95



TIU/TMCC-Legacy 6' Connector Cable
50-1032 \$19.95



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

RailKing *The Best Value in O-Gauge*

RAILKING[®]

By M.T.H. Electric Trains

Features typically found on RailKing models include:

- Durably constructed ABS diesel locomotive and car bodies
- Die-Cast metal steam locomotive boilers
- All-metal diesel and steam locomotive chassis
- All-metal wheels, gears and axles
- All-metal couplers
- All-metal freight and passenger car trucks w/ operating couplers
- Precision flywheel-equipped motors
- Synchronized Puffing Proto-Smoke™-equipped steam locomotives



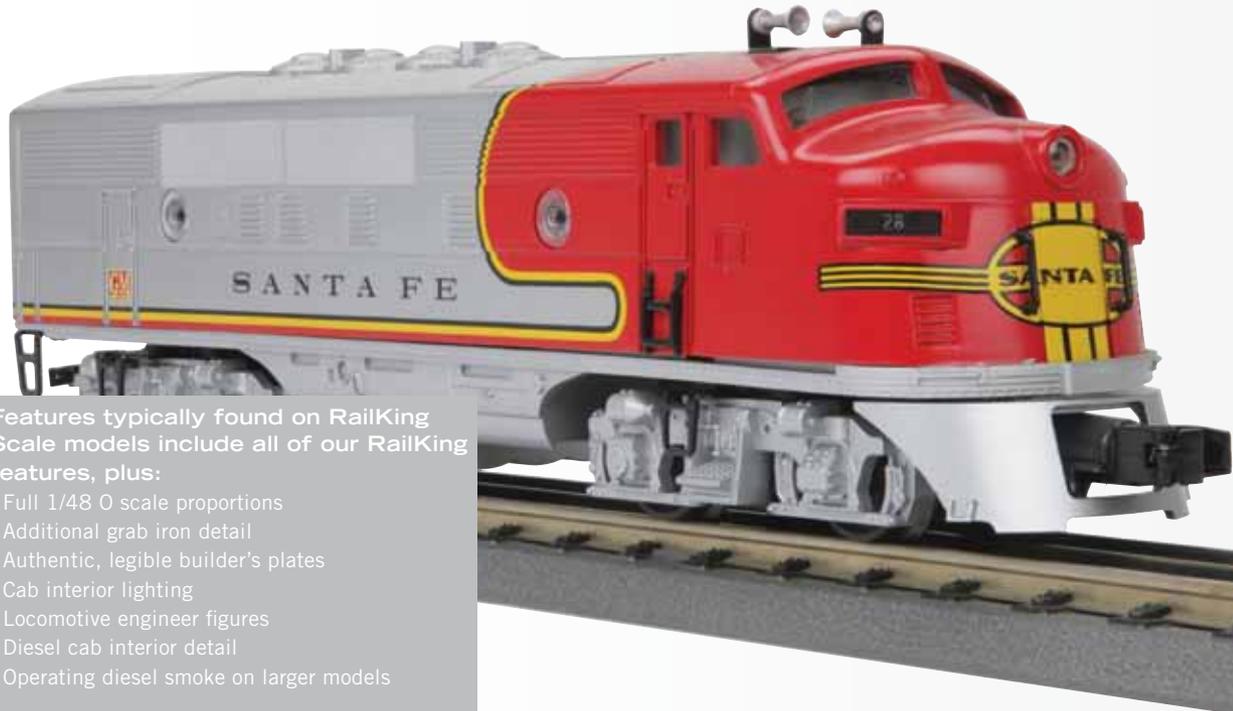
First appearing in 1995 and now encompassing more than 8,700 items, RailKing is M.T.H.'s best-selling and most attractively priced product line. Cars and locomotives featured in the M.T.H. RailKing line are equipped with moderate detail and run on the same O gauge track as the intricately detailed O scale models found in our Premier Line. But, because RailKing models are shorter in length, they can negotiate tighter curves. In fact, most RailKing models can negotiate a circle as small as 31 inches in diameter, and some can operate on curves even smaller than that. This is a real advantage for model train enthusiasts with modestly sized layouts.

Over the years, the RailKing line has evolved into three different subcategories: RailKing, RailKing Scale, and RailKing Imperial.



RailKing Scale diesels are full scale-proportioned models featuring a higher level of detail than that found on regular RailKing models. Because of their scale proportions, RailKing Scale models require a minimum of O-31 curves in order to operate.

While RailKing Scale models are not as intricately detailed as their Premier counterparts, they mix well with any O scale 3-rail models, regardless of manufacturer. RailKing Scale diesels are an attractively priced alternative for modelers who want to operate full 1/48 scale O gauge trains.



Features typically found on RailKing Scale models include all of our RailKing features, plus:

- Full 1/48 O scale proportions
- Additional grab iron detail
- Authentic, legible builder's plates
- Cab interior lighting
- Locomotive engineer figures
- Diesel cab interior detail
- Operating diesel smoke on larger models



Features typically found on Imperial models include all of our RailKing features, plus:

- Separate marker light housings with individual LED illumination
- Additional grab iron detail
- Authentic, legible builder's plates
- Cab interior lights
- Painted steam locomotive backhead gauges
- Safety chains for tender trucks
- Real tender coal loads



RailKing Imperial locomotives retain traditional proportions and O-31 minimum curve operation like regular RailKing locomotives, but are equipped with a level of detail usually found only on more expensive, full-scale engines that require much larger curves.

Big Boy

steam



IMPERIAL
SERIES

Features

- Die-Cast Boiler and Tender Body
- Die-Cast Metal Chassis
- Metal Wheels and Axles
- Constant Voltage Headlight
- Die-Cast Truck Sides
- (2) Precision Flywheel-Equipped Motors
- Metal Handrails and Decorative Bell
- Decorative Metal Whistle
- Remote Controlled Proto-Coupler®
- Synchronized Puffing ProtoSmoke® System
- Locomotive Speed Control In Scale MPH Increments
- Authentic Paint Scheme
- Real Coal Load
- Engineer and Fireman Figures
- Proto-Sound 3.0 With The Digital Command System Featuring:
Freight Yard Proto-Effects
- Unit Measures: 29 1/8 x 2 5/8 x 4
- Operates On O-31 Curves

Did You Know?

Writer Henry Comstock beautifully described the Big Boy's place at the apex of steam engine history: "A Union Pacific 'Big Boy' was 604 tons and 19,000 cubic feet of steel and coal and water, poised upon 36 wheels spaced no wider apart than those of an automobile. That it could thunder safely over undulating and curved track at speeds in excess of 70 miles an hour was due in large measure to the efforts of two long-forgotten pioneers. As early as 1836, the basic system that held its wheels in equalized contact with the rails was patented by a Philadelphian named Joseph Harrison; and a French technical writer, Anatole Mallet, first thought to couple two driving units heel to toe below one boiler in 1874."





Just months before Pearl Harbor, the American Locomotive Company delivered the first Big Boy to the Union Pacific Railroad. The UP's Department of Research and Mechanical Standards had designed the locomotive for a specific task: to pull a 3600-ton train unassisted over the Wasatch Mountains in Utah. While the Big Boy is often cited as the biggest steam locomotive ever built, in fact it is not. The Norfolk & Western's Y6 and A, the Duluth Missabe & Iron Range's Yellowstones, and the Chesapeake and Ohio's Alleghenys were all in the same league, and some exceeded the Big Boy's weight and power.

But in the battle for hearts and minds, the Big Boy won. Perhaps it was the name, simple and direct, scrawled on a locomotive under construction by an ALCo shop worker. Maybe it was timing, as the Big Boys hit the road just when America needed symbols to rally around. Maybe the UP's publicity department just did a better job of telling the world what great equipment they had. Whatever the reason, the Big Boy captured the imagination of railfans and the American public over the ensuing years, perhaps more than any other steam engine. In many ways it is the symbolic locomotive of the American West, as big and powerful as the country it sped through.

This enduring symbol of American railroading returns to the RailKing line for 2013, complete with the industry-leading speed control, smoke output, and range of accurate sounds that characterize all MTH Proto-Sound 3.0 locomotives. Both engine and tender are constructed of die-cast metal and adorned with detail. Our model features two motors and four traction tires for pulling power and speed that rival the original Big Boy. Imperial features that set this model apart include legible builders plates, crew figures, cab interior light, painted backhead gauges, and a real coal load in the tender.

Union Pacific - 4-8-8-4 Imperial Big Boy Steam Engine
 30-1582-1 Proto-Sound 3.0 \$699.95



4-8-2 Imperial M1a

steam



IMPERIAL
SERIES

Features

- Near Scale Sizing
- Die-Cast Boiler and Tender Body
- Die-Cast Metal Chassis
- Real Coal Load
- Metal Wheels and Axles
- Constant Voltage Headlight
- Precision Flywheel-Equipped Motor
- Locomotive Speed Control In Scale MPH Increments
- Remote Controlled Proto-Coupler
- Engineer and Fireman Figures
- Metal Handrails and Decorative Bell
- Decorative Metal Whistle
- Operating Marker Lights
- Synchronized Puffing ProtoSmoke System
- Operating Tender Back-up Light
- Proto-Sound 3.0 With The Digital Command System Featuring: Freight Yard Proto-Effects
- Unit Measures: 25" x 2 1/2" x 4"
- Operates On 0-31 Curves

The Mountain represents the apex of Pennsy steam power in the golden age of railroading. It was the last in a line of highly successful, home-designed, Belpaire-boilered Pennsy steamers that included the E6 Atlantic, the H series Consolidations, the K4 Pacific, and the I1 Decapod. (A Belpaire boiler is identified by the squared-off hump at the rear, above the firebox.) While the Pennsy's late experiments with modern streamlined steamers were visually exciting, they failed at their intended purpose - stopping the diesel onslaught. The M1's in fact outlasted all the experimental engines, soldiering on for three decades to the very end of steam.

The first M1 was built in 1923 in the PRR's Juniata shops and, in typical conservative Pennsy fashion, underwent years of testing and refinement before the railroad committed to the design. But once the die was cast, the Pennsy - the self-proclaimed

Standard Railroad of the World - did things in a big way, as usual. Two hundred M1's were built in 1926 and a hundred M1a's, with slight upgrades from the original engines, were turned out in 1930 by Baldwin, Lima, and the Pennsy's own shops.

While the first Mountains were delivered pulling normal-sized tenders, with the 1930 delivery the huge "coast-to-coast" tenders became the norm. Although their large coal and water capacity lessened the need for fuel stops, they were also equipped with scoops for taking on water on the fly, from pans between the rails.

With their big 72-inch drivers, the Mountains were designed to be dual-service passenger and fast freight engines. Despite their name, they ruled the relatively level divisions of the Pennsy - except the electrified lines - where they could hustle 17- or 18-car passenger trains or hundred-car freights. Within a few

years of their introduction, the Mountains found their niche as the Pennsy's preferred freight engine in most non-electrified territory.

A true representative of the golden age of steam power, the Mountain returns to the RailKing line in 2013 lettered for the Pennsylvania and several other roads that rostered similar 4-8-2 locomotives. Both engine and tender are constructed of die-cast metal and adorned with detail. Complete with the industry-leading speed control, smoke output, and range of accurate sounds that characterize all MTH Proto-Sound 3.0 locomotives, our Mountain is designed to rival the pulling power, dependability, and longevity of the Pennsy original. Imperial features that set this model apart include legible builders plates, crew figures, cab interior light, painted backhead gauges, and a real coal load in the tender



Pennsylvania - 4-8-2 Imperial M1a Mountain Steam Engine
30-1578-1 Proto-Sound 3.0 \$449.95



Pennsylvania - 4-8-2 Imperial M1a Mountain Steam Engine
30-1579-1 Proto-Sound 3.0 \$449.95



Pennsylvania - 4-8-2 Imperial M1a Mountain Steam Engine
30-1580-1 Proto-Sound 3.0 \$449.95



Did you know?
Mountain number 6755, built in the Pennsy's Altoona shops in 1930, was preserved by the railroad and resides today at the Railroad Museum of Pennsylvania in Strasburg, PA.

Pennsylvania - 4-8-2 Imperial M1a Mountain Steam Engine
30-1581-1 Proto-Sound 3.0 \$449.95



0-6-0 Imperial B6 Switcher

steam



Features

- Die-Cast Metal Chassis
- Metal Wheels and Axles
- (2) Remote Controlled Proto-Couplers
- Precision Flywheel-Equipped Motor
- Metal Handrails and Decorative Bell
- Decorative Metal Whistle
- Die-Cast Boiler and Tender Body
- Constant Voltage Headlight
- Die-Cast Truck Sides
- Locomotive Speed Control In Scale MPH Increments
- Synchronized Puffing ProtoSmoke System
- Operating Tender Back-up Light
- Engineer Cab Figure
- Real Coal Load
- Proto-Sound 3.0 With The Digital Command System Featuring: Freight Yard Proto-Effects
- Unit Measures: 17" x 2 1/2" x 3 5/8"
- Operates On O-27 Curves

IMPERIAL
SERIES

Switch engines are an essential, specialized piece of railroad equipment that look quite different from their kin that work the mainline. Because of the nature of their work, moving cars around railroad yards, switch engines spent much of their time waiting for their assignments. That meant steam switchers needed smaller fireboxes, boilers, and tenders than road engines. The cut out or sloping tenders on most steam switchers were designed to give good rear visibility, which was essential for these small and agile engines that needed to slip into tight spaces where other engines could not fit. The 0-6-0 switcher would typically have been assigned to move about six cars at a time.

The rugged RailKing 0-6-0 is perfect for working the yard of any early- or mid-twentieth-century layout. This sturdy

model comes in the markings of the Pennsylvania, Long Island, Baltimore & Ohio, and Jersey Central railroads. It boasts Imperial features including a real coal load, legible builders plates, crew figures, and tender truck safety chains. Modeled on the Pennsylvania Railroad B6 switchers constructed from 1902-1913, our RailKing version has remotely activated Proto-Couplers for versatile switching use.

Did You Know?

Steam switchers almost always had front and rear sand boxes, though the rear one was sometimes hidden inside the cab rather than appearing as a prominent dome.





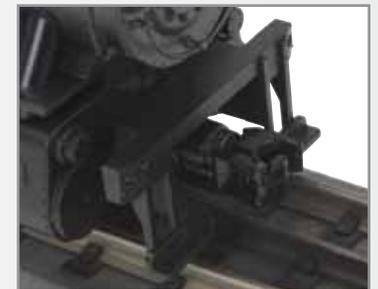
Long Island
0-6-0 Imperial B6 Switcher Steam Engine
30-1572-1 \$399.95

Pennsylvania
0-6-0 Imperial B6 Switcher Steam Engine
30-1573-1 \$399.95



Baltimore & Ohio
0-6-0 Imperial B6 Switcher Steam Engine
30-1570-1 \$399.95

Jersey Central
0-6-0 Imperial B6 Switcher Steam Engine
30-1571-1 \$399.95



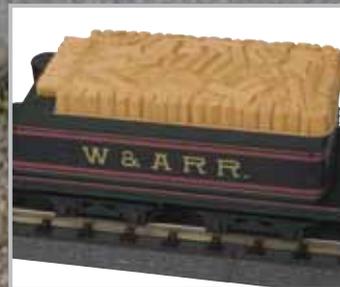
4-4-0 General

steam



Features

- Die-Cast Boiler and Tender Body
- Near Scale Sizing
- Die-Cast Metal Chassis
- Colorful Paint Scheme
- Metal Wheels and Axles
- Constant Voltage Headlight
- Die-Cast Truck Sides
- Precision Flywheel-Equipped Motor
- Locomotive Speed Control in Scale MPH Increments
- Remote Controlled Proto-Coupler
- Metal Handrails and Decorative Whistle
- Synchronized Puffing ProtoSmoke System
- Proto-Sound® 3.0 With The Digital Command System Featuring: Freight Yard Proto-Effects™
- Unit Measures: 17 1/2" x 2 5/8" x 4 1/4"
- Operates On 0-31 Curves

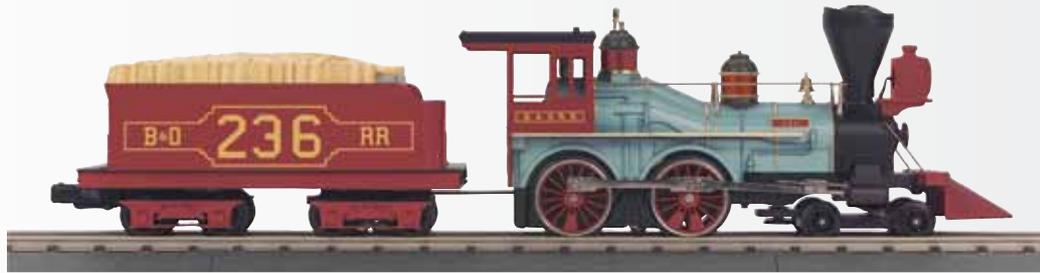


On the morning of April 12, 1862, a group of Union Army volunteers led by civilian scout James J. Andrews stole the 4-4-0-steam locomotive General, as it waited for its crew and passengers to finish breakfast at the Lacey Hotel in Big Shanty, Georgia. Their intent was to speed northward, destroying in their wake the Western and Atlantic Railroad line that provided a vital military link to Chattanooga.

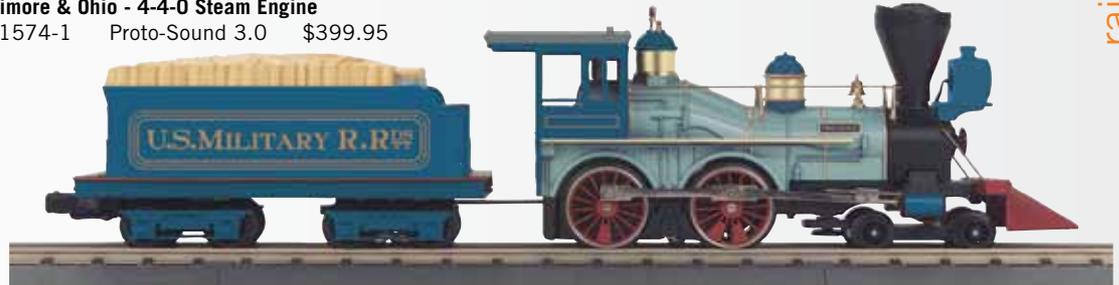
While the Andrews Raid, or Great Locomotive Chase, as it came to be called, would prove less than successful, it became part of American folklore and provided the plot for at least two movies, Buster Keaton's classic silent film *The General* and Disney's *The Great Locomotive Chase*.

As Andrews' crew raced northward that spring day, they attempted to throw off followers and create havoc by cutting telegraph wires, tearing up track, sabotaging switches, and burning covered bridges behind them. But the General's conductor, William Allen Fuller, proved more resourceful and determined than they had expected. Along with two other men, Fuller chased the hijacked engine, first on foot, then by hand car, and then a succession of commandeered locomotives — the final one being the 4-4-0 Texas, speeding backwards, tender-first. With Fuller hot on their tail, Andrews' crew never managed to wreak the destruction they had planned. Finally, north of Ringgold GA, the General ran out of fuel; Andrew's men abandoned her and fled. All of the men were eventually caught and put on trial. Eight, including Andrews, were hanged as spies, while others later escaped. Several of the crew became the first American soldiers to receive the Medal of Honor.

Commemorating the 150th anniversary of the American Civil War, M.T.H. is proud to introduce one of the most legendary locomotives in US history, the General, along with its nemesis, the Texas. Complete with the industry-leading speed control, smoke output, and range of accurate sounds that characterize all MTH Proto-Sound 3.0 locomotives, these models are designed to recreate the authentic feel of the wood-fired Civil War era originals.



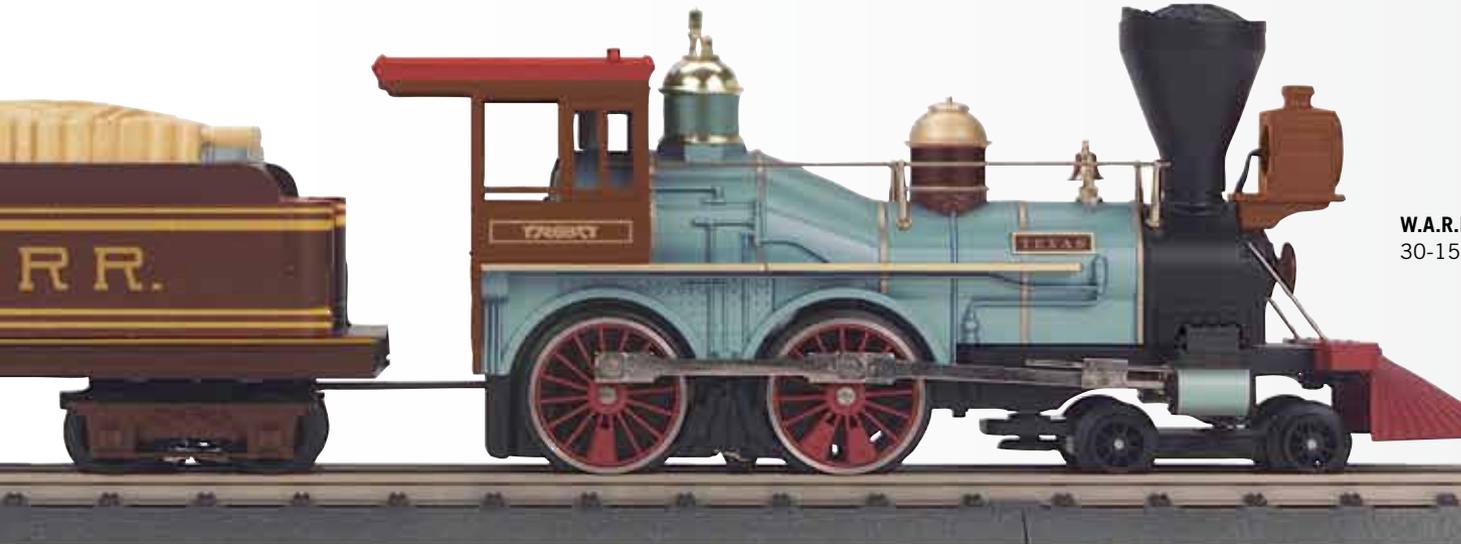
Baltimore & Ohio - 4-4-0 Steam Engine
30-1574-1 Proto-Sound 3.0 \$399.95



U.S. Military Railroad - 4-4-0 Steam Engine
30-1575-1 Proto-Sound 3.0 \$399.95



W.A.R.R. (General) - 4-4-0 General Steam Engine
30-1576-1 Proto-Sound 3.0 \$399.95



W.A.R.R. (Texas) - 4-4-0 Steam Engine
30-1577-1 Proto-Sound 3.0 \$399.95

4-6-2 P47 Pacific

steam



Features

- Die-Cast Boiler and Chassis
- Die-Cast Tender Body
- Near Scale Sizing
- Authentic Paint Scheme
- Real Coal Load
- Metal Wheels and Axles
- Constant Voltage Headlight
- Precision Flywheel-Equipped Motor
- Die-Cast Truck Sides
- Locomotive Speed Control In Scale MPH Increments
- Wireless Drawbar
- Remote Controlled Proto-Coupler
- Engineer and Fireman Figures
- Metal Handrails and Decorative Bell
- Decorative Metal Whistle
- Synchronized Puffing ProtoSmoke System
- Operating Tender Back-up Light
- Proto-Sound 3.0 With The Digital Command System Featuring:
 - Passenger Station Proto-Effects
- Unit Measures: 20" x 2 1/2" x 3 1/2"
- Operates On 0-31 Curves

Baltimore & Ohio - 4-6-2 Imperial P47 Pacific Steam Engine
30-1598-1 \$429.95

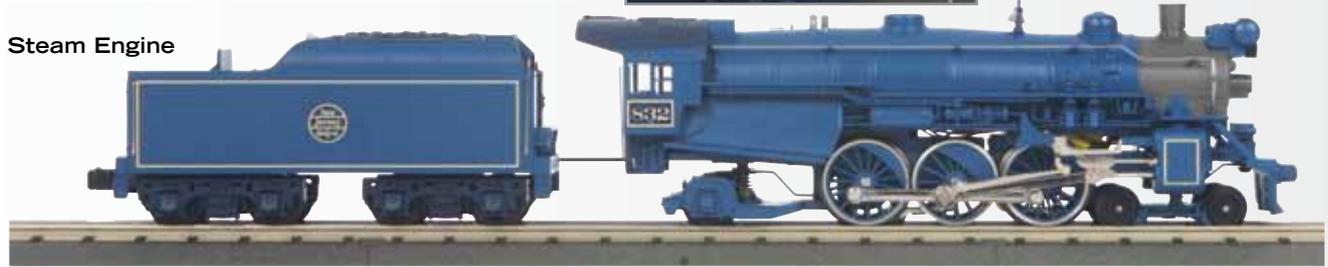
Add Matching Passenger Sets - See Page 52





Jersey Central
4-6-2 Imperial P47 Pacific Steam Engine
 30-1596-1 \$429.95

Add Matching Passenger Sets - See Page 52



Southern
4-6-2 Imperial P47 Pacific Steam Engine
 30-1597-1 \$429.95



Add Matching Passenger Sets See Page 51

New York Central
4-6-2 Imperial P47 Pacific Steam Engine
 30-1603-1 \$429.95

Add Matching Passenger Sets - See Page 53



At the very apex of the Roaring Twenties, just months before 1929 stock market crash, the Central of New Jersey Railroad inaugurated its twice-daily Blue Comet service between Jersey City and Atlantic City. Heading the fast, luxurious trains were the CNJ's nearly-new Baldwin-built class G-3 heavy Pacifics. Like most railroads in the 1920s, the CNJ had been forced to buy larger motive power to cope with heavier steel trains and increasing patronage. Aging fleets of 4-4-0s, 4-4-2s, and 4-6-0s had become inadequate as business expanded, and the

4-6-2 Pacific type became the standard fast passenger engine on many railroads.

Five G-3 Pacifics, later reclassified as P47 locomotives, headed up the Jersey's famed passenger trains. Three locomotives - painted in a beautiful blue livery with nickel trim and numbered 831, 832 and 833 - covered The Blue Comet's fast schedule along the Jersey shoreline. A fourth G-3, No. 834, was painted green and sped The Bullet between New York City and Wilkes Barre, Pennsylvania. The fifth locomotive, No. 835, wore gleam-

ing black paint and hauled The Queen of the Valley, a deluxe train from New York City to Harrisburg.

Originally introduced to the RailKing product line in 1999 as the Blue Comet and then again in the green Bullet and the black Queen of the Valley versions in 2005, the Blue Comet scheme and new livery in other popular roadnames returns in 2013. Each of these extraordinary locomotives sport Imperial Dress with additional detail and the incredible power and performance of Proto-Sound® 3.0.

4-8-4 Imperial FEF Northern steam



Delivered in 1944, the Union Pacific's ten FEF-3 ("FEF" for "Four Eight Four") Northern's were the apex of super-power steam: modern, handsome, and designed to cruise at over 100 mph. In their early years, dressed in two-tone grey, they pulled the Overland Limited, Portland Rose, Challenger and other crack UP passenger trains. Diesels later bumped them to freight service in plain black livery. The last FEF-3 built, No. 844, has the distinction of being the only steam locomotive never retired by a U.S. railroad. You can ride behind it today in UP excursion service.

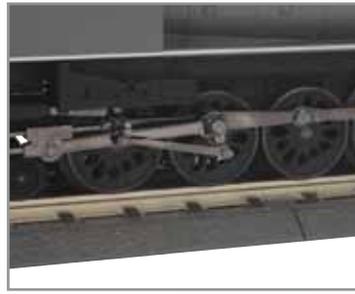
The FEF-3 returns to the RailKing line in four authentic passenger and freight paint schemes. The oil-burning versions have the distinctive "elephant ears" - smoke deflectors designed to prevent smoke from obscuring the engineer's vision - and the coal-fired version has a real coal load. For 2013 we've upgraded this model with a larger tender and additional Imperial features that include Proto-Sound 3.0, legible builder's plates, marker lights with individual LED illumination, painted backhead gauges, and a cab interior light.

Did You Know?

In 1946 it cost \$1.19 per mile to operate an FEF-3, of which 40 cents went for coal or oil, 3 cents for water, and 19 cents for crew wages. Brand new, an FEF-3 went for \$150,000, nearly 100 times the price of a new car.

Features

- Metal Wheels and Axles
- Metal Handrails and Decorative Bell
- Decorative Metal Whistle
- Operating Marker Lights
- Constant Voltage Headlight
- Die-Cast Truck Sides
- Remote Controlled Proto-Coupler
- Synchronized Puffing ProtoSmoke System
- Locomotive Speed Control In Scale MPH Increments
- Precision Flywheel-Equipped Motor
- Authentic Paint Scheme
- Die-Cast Boiler and Chassis
- Die-Cast Tender Body
- Real Coal Load
- Wireless Drawbar
- Engineer and Fireman Figures
- Operating Firebox Glow
- Proto-Sound 3.0 With The Digital Command System Featuring: Freight Yard or Passenger Station Proto-Effects
- Unit Measures: 23 1/8" x 2 9/16" x 4 1/16"
- Operates On 0-31 Curves



Union Pacific - 4-8-4 Imperial FEF Northern Steam Engine
30-1599-1 \$ 449.95



Union Pacific
4-8-4 Imperial FEF Northern Steam Engine
30-1601-1 \$ 449.95



Add Matching Passenger
Sets - See Page 53



Union Pacific
4-8-4 Imperial FEF Northern Steam Engine
30-1602-1 \$ 449.95



Union Pacific
4-8-4 Imperial FEF Northern Steam Engine
30-1600-1 \$ 449.95

Galloping Goose



Features

- Directionally Controlled Headlight
- Intricately Detailed ABS Body
- Die-Cast Metal Chassis
- Metal Wheels, Axles and Gears
- Die-Cast Truck Sides & Pilot
- Colorful Paint Scheme
- Precision Flywheel Equipped Motor
- Locomotive Speed Control In Scale MPH Increments
- Lighted Cab Interior
- Cab Figure
- Proto-Sound 3.0 With The Digital Command System Featuring: Station Stop Proto-Effects
- Unit Measures: 11" x 2" x 2 1/2"
- Operates On 0-27 Curves



**Rio Grande Southern
Galloping Goose**

30-20160-1

\$269.95

Like the doodlebugs before them and the RDC (Rail Diesel Car) after them, the Rio Grande Southern's Galloping Geese were a cheap way to provide passenger service. Cobbled together in the early 1930s by a railroad on the verge of bankruptcy, the Geese replaced steam-powered passenger trains and enabled the RGS to provide passenger and tourist service in the Colorado Rockies until it closed in 1952. The poor condition of RGS track gave the Motors, as they were officially called, the galloping gait that prompted their nickname.

Goose No. 7, the last Goose built, was constructed in 1936 with a 1926 Pierce-Arrow body for passengers, a Ford V-8 engine, and a homebuilt box in the back for mail and express freight. Like Geese 3, 4, and 5, after World War II her freight body was converted to provide additional tourist seating. No 7 continued in tourist work until the RGS ceased operations. She survives today in operational condition at the Colorado Railroad Museum.

In 2013 the Galloping Goose returns to the RailKing line in a variety of liveries. With the extraordinary sounds and slow-speed capabilities of Proto-Sound 3.0, you can recreate the honk of the Goose's horn and its daily struggle to lift a train that weighed 10 tons, fully loaded, over the Rockies with only an ancient, clattering automobile engine.



Alaska - Galloping Goose
30-20161-1 \$269.95



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M&M'S® Brand - Galloping Goose
30-20159-1 \$299.95



Pennsylvania - Galloping Goose
30-20162-1 \$269.95



F-3 A-B-A

diesel set



Features

- Colorful Paint Scheme
- Die-Cast Metal Chassis
- Die-Cast Truck Sides, Pilots and Fuel Tank
- Metal Wheels, Axles and Gears
- (2) Precision Flywheel-Equipped Motors In Powered A Unit
- (2) Remotely Controlled Proto-Couplers (one per A Unit)
- Directionally Controlled Headlights
- Intricately Detailed ABS Bodies
- Locomotive Speed Control In Scale MPH Increments
- Engineer Cab Figure In Each A Unit
- Operating Smoke Unit In Powered A Unit
- Proto-Sound 3.0 With The Digital Command System Featuring:
 - Freight Yard or Passenger Station Proto-Effects
- Unit Measures: 40 1/4" x 2 5/8" x 3 3/4"
- Operates On 0-31 Curves

When the prototype railroads began to dieselize in the 1940s, model train manufacturers soon followed, recognizing that boys wanted models of the newest trains they were seeing on real railroads. One of the initial toy train forays into dieseldom was a Lionel replica of the best-selling diesel of the day, the F3 "covered wagon" made by the Electro-Motive Division of General Motors.

Recognizing that EMD and the railroads were anxious to publicize their modern motive power, General Motors, the Santa Fe Railroad, and the New York Central Railroad helped share the cost of dies for the original models in exchange for having their names on engines that appeared on virtually every boy's holiday wish list for years. In the end, it seems the Santa Fe

got the best deal, as its red, yellow, and silver "warbonnet" F3s remained a popular fixture on model railroad locomotives longer than any other railroad livery.

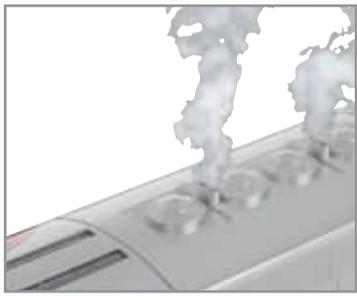
To this day, the F3 diesels of the late 1940s and early 1950s are recognized as some of the best toys ever produced. Virtually full O gauge scale models, they were tremendously dependable, highly detailed for their time, and terrific pullers.

Postwar and RailKing Scale fans will no doubt want to order this stellar M.T.H. replica of model railroading's most famous diesel. The look and feel of the classic original is faithfully reproduced, right down to the diecast metal chassis. Under the hood, however, lies the power and performance of ProtoSound

3.0, twin flywheel-equipped motors, and Proto-Smoke, offering today's model railroaders an operating experience that boys of the 1950s could only dream about.

Did You Know?

In a December 1950 radio show, famed comedian Jack Benny wrote a letter to Dear Santa Fe, saying "Christmas is almost here and it would make me happy if you gave me a train." While the railroad did not give Benny the real train he asked for, its publicity department did send him a Lionel model of the F3.



Southern - F-3 A-B-A Diesel Engine Set
30-20156-1 Proto-Sound 3.0 \$529.95



Add Matching Passenger Sets - See Page 50

New Haven - F-3 A-B-A Diesel Engine Set
30-20155-1 Proto-Sound 3.0 \$529.95



Lackawanna - F-3 A-B-A Diesel Engine Set
30-20157-1 Proto-Sound 3.0 \$529.95

Add Matching Passenger Sets - See Page 52



Add Matching Passenger Sets - See Page 51

Santa Fe - F-3 A-B-A Diesel Engine Set
30-20158-1 Proto-Sound 3.0 \$529.95

SW1500 Switcher

diesel



Features

- Intricately Detailed ABS Body
- Colorful Paint Scheme
- Die-Cast Metal Chassis
- Die-Cast Truck Sides, Pilots and Fuel Tank
- Metal Wheels, Axles and Gears
- Metal Handrails and Decorative Horn
- (2) Precision Flywheel-Equipped Motors
- Directionally Controlled Headlights
- (2) Remotely Controlled Proto-Couplers
- Locomotive Speed Control
- Proto-Sound 3.0 With The Digital Command System Featuring:
Freight Yard Proto-Effects
- Unit Measures: 11 3/4" x 2 1/2" x 4"
- Operates On 0-27 Curves



EMD, famous for its successful production of quality locomotives, hit the target once again when the company introduced the SW1500 and its cousin the SW1000 on January 1, 1966. These locomotives were the latest in the SW line of switchers that had been tremendously popular since the mid-1930s. Under their hoods throbbed EMD's new 645E prime mover; the SW1500 sported a 12-cylinder version that developed 1500 hp. The list of optional equipment for the SW1500 — which included a larger fuel tank, smoother-riding trucks, and ballasting to add weight — suggests that EMD expected the locomotive to be used as a true road switcher. Many railroads did just that.

Returning to the RailKing Scale line for 2013, our SW1500 has everything you'd want in a yard switcher or road switcher: front and rear remote Proto- Couplers, smooth performance at any speed down to 3 scale miles per hour, dual-motor power, and authentic EMD sounds.

**Pittsburgh & Lake Erie
SW1500 Switcher Diesel Engine**
30-20140-1 Proto-Sound 3.0
\$299.95



**BNSF
SW1500 Switcher Diesel Engine**
30-20141-1 Proto-Sound 3.0 \$299.95



**Alaska
SW1500 Switcher Diesel Engine**
30-20142-1 Proto-Sound 3.0 \$299.95

**CSX
SW1500 Switcher Diesel Engine**
30-20139-1 Proto-Sound 3.0 \$299.95





Features

- Constant Voltage Headlight
- Intricately Detailed ABS Body
- Metal Wheels, Axles and Gears
- Die-Cast Truck Sides, Pilots and Fuel Tank
- (2) Remotely Controlled Proto-Couplers
- Colorful Paint Scheme
- Metal Chassis
- Metal Handrails and Decorative Horn
- (2) Precision Flywheel-Equipped Motors
- Locomotive Speed Control In Scale MPH Increments
- Operating Ditch Lights
- Operating Smoke Unit
- Proto-Sound 3.0 With The Digital Command System Featuring: Freight Yard Proto-Effects
- Unit Measures: 17" x 2 1/2" x 3 3/4"
- Operates On 0-31 Curves

IMPERIAL
SERIES

Celebrate Norfolk Southern's 30th Anniversary with your favorite heritage railroads in select RailKing Imperial SD70ACe models from M.T.H. Electric Trains. Each of the ten different railroads featured in the real-life series created by Norfolk Southern and used on their fleet of SD70ACe locomotives has been recreated in M.T.H.'s RailKing roster of our best selling diesel.

The SD70ACe is Electro-Motive Division's hope for the future. While designed to meet the Environmental Protection Agency's Tier-2 emissions requirements that took effect on January 1, 2005, this replacement for the SD70MAC also seems to have a higher purpose: to recapture the lead in North American locomotive sales that EMD lost to General Electric in 1987.

Under the hood beats a third-generation model 710 diesel with 4300 horsepower; only slight modifications were needed to make the model 710 meet new emission standards. With 5000 such motors in service worldwide and a reputation for dependability, EMD reasoned that shop crews would prefer familiar technology.

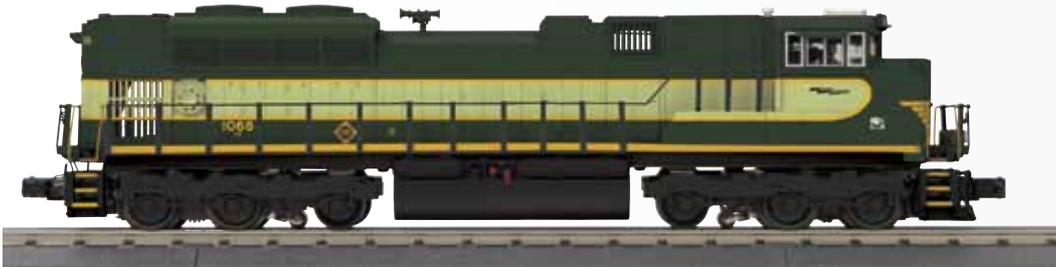
Other than the prime mover, however, virtually every element of the SD70ACe has been rethought to create a 21st-century locomotive. Ergonomics were a prime consideration. The engine's angular nose offers the crew far better visibility than most other locomotives, and the cab is comfortable for engineers of almost any size. Digital screens provide a range of information on what is happening both inside the locomotive and out on the road. The cab easily accommodates a crew

of three - an important factor in a modern world without cabooses. And there is, of course, a cup holder for the engineer.

Our near-scale model is a full 17" in length, yet operates comfortably on 0-31 curves. Under it's hood lies the Proto-Sound 3.0 digital sound and control system - the very same one found in our more expensive Premier model of this locomotive. Programmed with sounds recorded from an actual Union Pacific SD70ACe, each Imperial model also features operating diesel exhaust smoke and flashing ditch lights. If you're looking for realism and a lot of fun at a RailKing price, it doesn't get any better than this!



Erie - SD70ACe Imperial Diesel
30-20134-1 Proto-Sound 3.0 \$329.95



Penn Central - SD70ACe Imperial Diesel
30-20132-1 Proto-Sound 3.0 \$329.95



Reading - SD70ACe Imperial Diesel
30-20135-1 Proto-Sound 3.0 \$329.95



Lackawanna - SD70ACe Imperial Diesel
30-20133-1 Proto-Sound 3.0 \$329.95



NORFOLK SOUTHERN HERITAGE



Norfolk Southern - 40' High Cube Box Cars
30-74711 \$54.95



Jersey Central - 40' High Cube Box Cars
30-74712 \$54.95



Lackawanna - 40' High Cube Box Cars
30-74716 \$54.95



Erie - 40' High Cube Box Cars
30-74717 \$54.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Decorative Brake Wheels
- Opening Car Doors
- Separate Metal Handrails
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Unit Measures: 11 1/4" x 2 9/16" x 3 17/16"
- Operates On O-27 Curves

SERIES FREIGHT



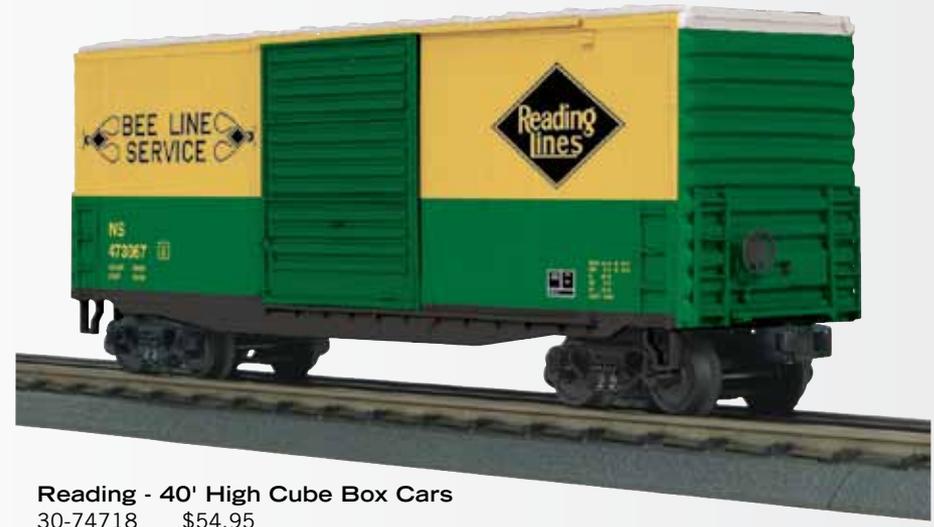
Wabash - 40' High Cube Box Cars
30-74713 \$54.95



Virginian - 40' High Cube Box Cars
30-74714 \$54.95



Penn Central - 40' High Cube Box Cars
30-74715 \$54.95



Reading - 40' High Cube Box Cars
30-74718 \$54.95

NORFOLK SOUTHERN HERITAGE



Wabash - Bay Window Caboose
30-77225 \$64.95



Virginian - Bay Window Caboose
30-77226 \$64.95



Penn Central - Bay Window Caboose
30-77227 \$64.95



Reading - Bay Window Caboose
30-77230 \$64.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Caboose Interiors With Overhead Lighting
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Decorative Brake Wheels
- Separate Metal Handrails
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Unit Measures: 10 1/2" x 2 1/4" x 3 1/2"
- Operates On 0-31 Curves

SERIES FREIGHT



Jersey Central - Bay Window Caboose
30-77224 \$64.95



Norfolk Southern - Bay Window Caboose
30-77223 \$64.95



Lackawanna - Bay Window Caboose
30-77228 \$64.95



Erie - Bay Window Caboose
30-77229 \$64.95

SW1 Switcher

diesel



Features

- Intricately Detailed ABS Body
- Colorful Paint Scheme
- Die-Cast Metal Chassis
- Directionally Controlled Headlight
- Metal Wheels, Axles and Gears
- Die-Cast Truck Sides, Pilots and Fuel Tank
- (2) Remotely Controlled Proto-Couplers
- Metal Handrails and Decorative Horn
- (2) Precision Flywheel Equipped Motors
- Locomotive Speed Control In Scale MPH Increments
- Proto-Sound 3.0 With The Digital Command System Featuring: Freight Yard Proto-Effects
- Unit Measures: 12" x 2 3/4" x 4"
- Operates On 0-27 Curves



New York Central - SW1 Switcher Diesel Engine
30-20148-1 Proto-Sound 3.0 \$299.95



Western Pacific - SW1 Switcher Diesel Engine
30-20150-1 Proto-Sound 3.0 \$299.95



The birth of the SW1 in January 1939 was a historic moment for the Electro-Motive Corporation. The tiny switcher ("S" for six hundred horsepower, "W" for welded frame) was EMC's first truly mass-produced loco, the first with Electro-Motive's own electrical gear, and the first mass-produced engine powered by the 567 diesel motor - which would become the backbone of first-generation American diesel power. Popular with railroads large and small, the SW1 stayed in production for 15 years, and many remained in service for three or more decades.

Our RailKing Scale SW1 offers Premier level details at a RailKing price. Separately added metal detail parts include front, side, and rear handrails; bell and horn; grab irons to allow access to the top of the hood; and handles for the sandbox lid on the front pilot (which doubled as a convenient seat for yard brakemen). Built to full 1/48 scale proportions, this model also offers authentic, legible EMD builder's plates and directionally operating front and rear headlights. Single or dual exhaust stacks, per individual prototypes, are also featured.

Our SW1 includes dual pickup rollers on each truck, making this model nearly stall-proof on any three-rail O gauge switches, despite its short wheelbase. Throttle down as low as three scale miles per hour to muscle a heavy cut of freight or passenger cars around your terminal - and maintain that speed as long as you wish, thanks to Proto-Speed Control and twin flywheel-equipped motors. Listen to the authentic chant of a first-generation EMD 567 motor. Pick up and drop off cars wherever you like, with remotely activated front and rear Proto-Couplers. Our full-scale, fully featured model of this tiny EMD workhorse offers everything you could want in a hard-working yard switcher.

Pennsylvania - SW1 Switcher Diesel Engine
30-20147-1 Proto-Sound 3.0 \$299.95



Milwaukee Road - SW1 Switcher Diesel Engine
30-20149-1 Proto-Sound 3.0 \$299.95



SD60
diesel



Features

- Metal Wheels, Axles and Gears
- Die-Cast Truck Sides, Pilots and Fuel Tank
- Colorful Paint Scheme
- Metal Chassis
- Metal Handrails and Decorative Horn
- Intricately Detailed ABS Body
- (2) Engineer Cab Figures
- Directionally Controlled Headlights
- Operating Ditch Lights
- (2) Remotely Controlled Proto-Couplers*
- (2) Precision Flywheel-Equipped Motors
- Operating Smoke Unit*
- Locomotive Speed Control w/ Scale MPH Increments
- Proto-Sound 3.0 With The Digital Command System Featuring: Freight Yard Proto-Effects
- Unit Measures: 18 1/8" x 2 15/16" x 4 1/4"
- Operates On O-31 Curves

*Powered Unit Only



Canadian Pacific SD60 Diesel Diesel Engine

| | | |
|------------|-----------------|----------|
| 30-20143-1 | Proto-Sound 3.0 | \$329.95 |
| 30-20143-3 | Non-Powered | \$179.95 |



CSX - SD60 Diesel Engine

| | | |
|------------|-----------------|----------|
| 30-20144-1 | Proto-Sound 3.0 | \$329.95 |
| 30-20144-3 | Non-Powered | \$179.95 |

Introduced in the mid-1980s, the SD60 and its four-axle sister, the GP60, were the first EMD diesels to incorporate computer technology and onboard diagnostics to aid the engineer. Under the hood was a new 16-cylinder model 710 prime mover rated at 3800 horsepower. While the SD60 looked almost identical to the SD50 introduced just four years earlier, under the hood virtually everything had changed. Problems with the SD50 had led EMD to a total redesign that introduced the firm's third generation of diesel locomotives.

The earlier SD50's model 645 prime mover was working so close to its limitations that the motor required a major overhaul every two years - twice as often as the motor in the previous SD-40 and SD40-2 locomotives. Responding to customer complaints, EMD developed

the stronger, more reliable model 710 prime mover introduced in the SD60 series.

Like all RailKing Scale diesels, the SD60 sports prototypical 1:48 scale dimensions, two motors, and the incredible sounds and features of Proto-Sound® 3.0. Operators will find no better locomotives for mainline work than these great pulling machines. Our industry-leading Proto-Speed Control™ allows unprecedented slow-speed performance, no matter what the terrain or load. Programmed with an incredible array of digital sounds, the Proto-Sound® 3.0 system gives users more interaction and excitement than any other control system - including remote uncoupling anywhere on the layout, even in conventional control.

Norfolk Southern - SD60 Diesel Engine

| | | |
|------------|-----------------|----------|
| 30-20145-1 | Proto-Sound 3.0 | \$329.95 |
| 30-20145-3 | Non-Powered | \$179.95 |



Union Pacific - SD60 Diesel Engine

| | | |
|------------|-----------------|----------|
| 30-20146-1 | Proto-Sound 3.0 | \$329.95 |
| 30-20146-3 | Non-Powered | \$179.95 |



FP45

diesel



Designed in 1967 at the request of the Santa Fe, the FP45 was basically an SDP45 road switcher with a streamlined cab unit body. The "P" in FP45 indicated a passenger diesel with a steam generator for train heat. Having a sleeker, more aerodynamic look than a road switcher, the FP45 blended better with its passenger consists; the fully enclosed body also reduced wind resistance and allowed the crew to perform troubleshooting and minor maintenance on the road.

Purchased for passenger service by the Santa Fe and the Milwaukee Road, the 3600 hp FP45s replaced first-generation E-unit and F-unit diesel sets and eventually found themselves handling freight duties as well. By 1971, the units remaining in passenger service were working exclu-

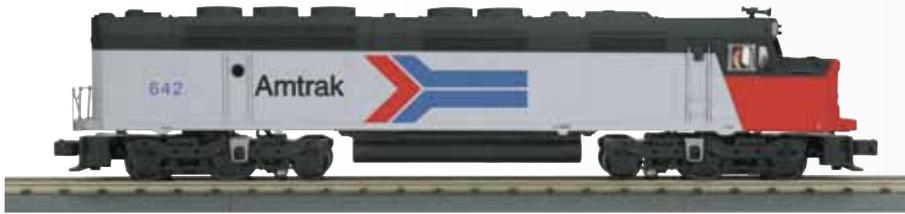
sively for Amtrak. A sister engine, the F45, was bought for freight-only service by the Santa Fe, Great Northern, and Burlington Northern.

Having first appeared in the M.T.H. Premier Line in 1997, the FP45 joined the RailKing Scale diesel lineup in 2005. Built to 1/48 scale proportions and now outfitted with Proto-Sound 3.0, the FP45 includes all the features that make RailKing Scale locomotives one of the best values in model railroading.

Features

- Directionally Controlled Headlights
- Intricately Detailed ABS Body
- Metal Wheels, Axles and Gears
- Die-Cast Truck Sides, Pilots and Fuel Tank
- (2) Remotely Controlled Proto-Couplers*
- Metal Handrails and Decorative Horn
- (2) Precision Flywheel-Equipped Motors
- Locomotive Speed Control In Scale MPH Increments
- Lighted Cab Interior
- Engineer Cab Figure
- Operating Smoke Unit*
- Proto-Sound 3.0 With The Digital Command System Featuring: Freight Yard or Passenger Station Proto-Effects
- Unit Measures: 18 1/2" x 2 9/16" x 4"
- Operates On O-31 Curves

*Powered Unit Only



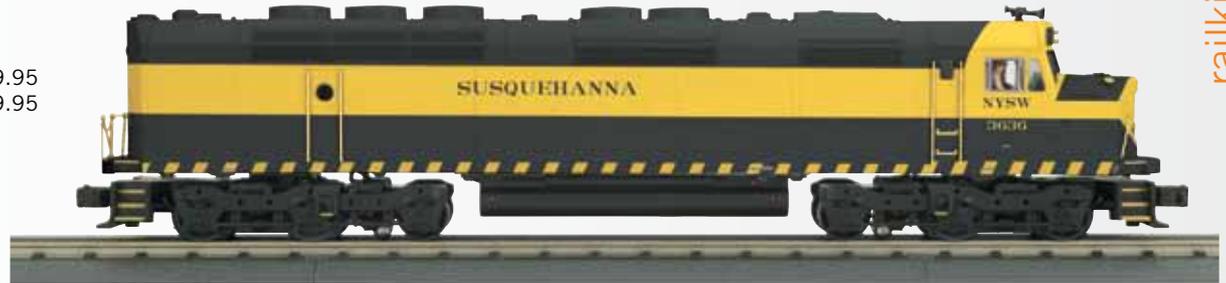
Amtrak - FP45 Diesel Engine

- 30-20151-1 Proto-Sound 3.0 \$329.95
- 30-20151-3 Non-Powered B-Unit \$179.95

Add a Matching Passenger Set - See Page 50

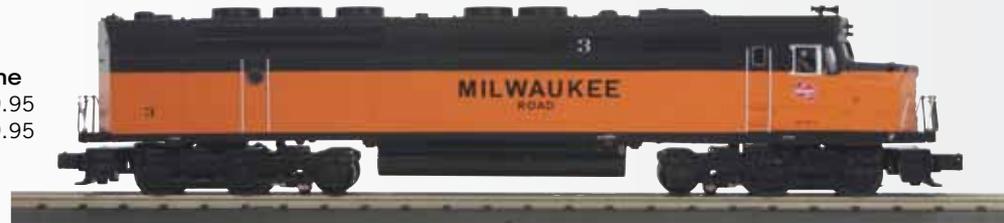
Susquehanna - FP45 Diesel Engine

- 30-20152-1 Proto-Sound 3.0 \$329.95
- 30-20152-3 Non-Powered B-Unit \$179.95



Milwaukee Road - FP45 Diesel Engine

- 30-20153-1 Proto-Sound 3.0 \$329.95
- 30-20153-3 Non-Powered B-Unit \$179.95



Santa Fe - FP45 Diesel Engine

- 30-20154-1 Proto-Sound 3.0 \$329.95
- 30-20154-3 Non-Powered B-Unit \$179.95

Add a Matching Passenger Set - See Page 51



GG1 electric



See It In Action At
www.mthtrains.com

Features

- Colorful Paint Scheme
- Metal Chassis
- Metal Wheels, Axles and Gears
- (2) Precision Flywheel-Equipped Motors
- Intricately Detailed Die-Cast Body
- Die-Cast Truck Sides & Pilots
- Directionally Controlled Headlights
- (2) Remotely Controlled Proto-Couplers
- Metal Handrails and Decorative Horn
- Locomotive Speed Control In Scale MPH Increments
- Motorized Operating Pantographs
- Proto-Sound 3.0 With The Digital Command System Featuring:
Freight Yard or Passenger Station Proto-Effects
- Unit Measures: 15" x 2 5/8" x 4"
- Operates On 0-31 Curves

For more than two decades, the Pennsylvania Railroad experimented with locomotive designs in search of a passenger electric for high-speed mainline service. That search ended in 1934 with the GG1, a cooperative effort by the PRR, Baldwin, Westinghouse, and General Electric, based largely on neighbor New Haven's successful EP3 juice jack. Industrial designer Raymond Loewy cleaned up the original riveted body to create a design that looked contemporary for half a century.

The GG1 fleet hustled passenger traffic of all types along the Pennsy's multi-track raceway from New York to Washington and west to Harrisburg, including the famed Congressional and Broadway Limited. With 18 Pullmans in tow, a GG1 could hit 100 mph. Regearred for freight service and run as double-headers, a pair of GG1s could provide about the same

tractive effort as a Union Pacific Big Boy, with virtually no noise, no smoke, much less wear on the track, and significantly less maintenance. Many GG1s racked up more than five million miles of service, outlasting the railroad that built them and serving its two successors, the Penn Central and Conrail. If there were a Locomotive Hall of Fame, the Pennsylvania Railroad GG1 would surely be one of the first inductees.

Add this fully die-cast Hall of Famer to your layout in authentic PRR liveries, featuring station sounds for Pennsy name trains, smooth performance at any speed from a crawl to full throttle, pantographs that raise and lower automatically according to the direction of travel and dual-motored power to rival the prototype.



Pennsylvania - GG1 Electric
30-5129-1 \$399.95



Motorized Operating
Pantographs



Add a Matching Passenger
Set - See Page 50

Penn Central - GG1 Electric
30-5132-1 \$399.95



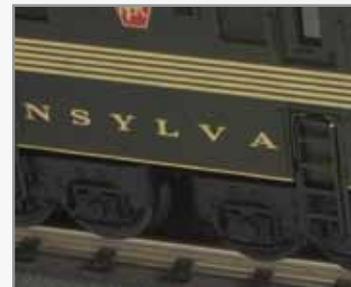
Conrail - GG1 Electric
30-5131-1 \$399.95

Add a Matching Passenger
Set - See Page 51

Add a Matching Passenger
Set - See Page 50



Amtrak - GG1 Electric
30-5130-1 \$399.95



3-Dome Tank Car



Texas Special - 3-Dome Tank Car
30-73382 \$54.95



Shell Chemical - 3-Dome Tank Car
30-73381 \$54.95

Tank Car



Southern - Tank Car
30-73386 \$54.95



Tank Car Corp. of America - Tank Car
30-73388 \$54.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Fast-Angle Wheel Sets
- Needle-Point Axles

- 3-Dome Tank Car Measures: 10 1/4" x 2 3/8" x 3 9/16"
- Operates On 0-27 Curves
- Tank Car Measures: 10 3/8" x 2 3/8" x 3 13/16"
- Operates On 0-27 Curves

Gondola with Crates



Western Pacific - Gondola with Crates
30-72110 \$54.95



MKT - Gondola with Crates
30-72111 \$54.95

Expand Your U.P.
Heritage Fleet



**UNION PACIFIC
HERITAGE SERIES**
BY M.T.H. ELECTRIC TRAINS

Gondola with Cover



Richmond Fredericksburg & Potomac - Gondola Car with Cover
30-72106 \$49.95



Illinois Central - Gondola Car with Cover
30-72107 \$49.95

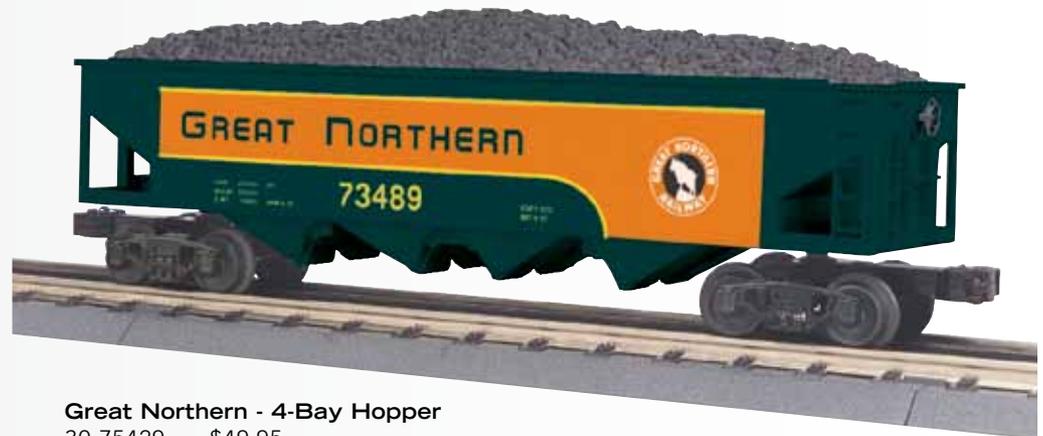
Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Decorative Brake Wheels
- Fast-Angle Wheel Sets
- Needle-Point Axles
- (3) Removable Crates OR Removable Gondola Cover
- Unit Measures: 11 15/16 x 2 3/16 x 1 11/16
- Operates On 0-27 Curves

4-Bay Hopper



Chessie - 4-Bay Hopper
30-75428 \$49.95



Great Northern - 4-Bay Hopper
30-75429 \$49.95

Rotary Snow Plow



CP Rail - Rotary Snow Plow
30-79371 \$79.95



Norfolk Southern - Rotary Snow Plow
30-79370 \$79.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Decorative Brake Wheels
- Separate Metal Handrails
- Fast-Angle Wheel Sets
- Needle-Point Axles

- 4-Bay Hopper Measures: 11 3/4 x 2 1/2 x 2 3/4"
- Operates On 0-27 Curves
- Rotary Snow Plow Measures: 12" x 2 3/8" x 3 3/4"
- Operates On 0-27 Curves

- Rotary Snow Plow Also Includes:
- Operating Interior Lighting
- Motorized Spinning Rotary Blade

Crane Car



Canadian National - American Crane Car
30-79362 \$69.95



Chesapeake & Ohio - American Crane Car
30-79363 \$69.95

Crane Tender



Canadian National - Crane Tender Car
30-79366 \$54.95



Chesapeake & Ohio - Crane Tender Car
30-79367 \$54.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Decorative Brake Wheels
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Manually Operated Crane Hook & Boom
- Crane Car Measures: 17 5/8" x 2 5/8" x 4"
- Crane Car Operates On O-31 Curves
- Crane Tender Measures: 11 1/2" x 2 5/16" x 4"
- Crane Tender Operates On O-27 Curves
- Crane Tender Includes Operating Interior Lighting

Flat Car with Trailer



Norfolk & Western - Flat Car w/ Trailer
30-76492 \$59.95



Seaboard - Flat Car w/ Trailer
30-76491 \$59.95

Flat Car with Vehicles



New York Central - Flat Car w/(2) '58 Edsel Citations
30-76497 \$54.95



Pittsburgh & Lake Erie - Flat Car w/(2) '50 GMC Pickups
30-76496 \$54.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Decorative Brake Wheels
- Fast-Angle Wheel Sets
- Needle-Point Axles
- ABS Detailed Trailer
- Flat Car w/Trailer Measures:
11 5/8" x 2 1/4" x 3 3/4"
- Operates On O-27 Curves
- Flat Car w/Vehicle Measures:
11 3/4 x 2 5/16 x 1 15/16
- Operates On O-27 Curves
- Flat Car with Vehicles Includes Either: (2)
Die-Cast 1958 Edsel Citations OR (2)
Die-Cast 1950 GMC Pickup

Flat Car w/Bulkheads & Lumber Load



Chicago Northwestern - Flat Car w/Bulkheads & Lumber Load
30-76490 \$54.95



Boston & Maine - Flat Car w/Bulkheads & Lumber Load
30-76489 \$54.95

Husky Stack Car



Seaboard - Husky Stack Car
30-76485 \$64.95



Long Island - Husky Stack Car
30-76486 \$64.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Colorful, Attractive Paint Schemes
- Operating Die-Cast Metal Couplers
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Removable Lumber Load
- Flat Car Measures: 11 5/8" x 2 1/4" x 3 3/4"
- Operates On O-31 Curves
- Husky Stack Car Measures: 14 3/4" x 2 5/16" x 5"
- Operates On O-31 Curves

Ore Car



Detroit Toledo & Ironton - Ore Car
30-75432 \$ 49.95



Southern - Ore Car
30-75433 \$ 49.95

50' Double Door Plugged Box Car



Rock Island - 50' Double Door Plugged Box Car
30-74722 \$ 54.95



Detroit Toledo & Ironton - 50' Double Door Plugged Box Car
30-74721 \$ 54.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Decorative Brake Wheels
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Ore Car Measures: 11 1/2" x 2 3/8" x 2 5/16"
- Ore Car Operates On 0-27 Curves
- Double Door Box Car Measures: 13" x 2 1/2" x 3 1/2"
- Double Door Box Car Operates On 0-31 Curves
- Double Door Box Car Includes Opening Car Doors

Smoking Tank Car



Therm Ice - Smoking Tank Car
30-73389 \$74.95



Liquid Air - Smoking Tank Car
30-73390 \$74.95

Steel Caboose



Pittsburgh & Lake Erie - Steel Caboose
30-77221 \$59.95



Canadian Pacific - Steel Caboose
30-77222 \$59.95

Features

- Durable ABS Intricately Detailed Bodies
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Operating Smoke
- Smoking Tank Car Measures:
10 3/8" x 2 3/8" 3 13/16"
- Operates On 0-27 Curves
- Steel Caboose Measures:
10 1/4 x 2 1/2 x 4 1/4
- Operates On 0-27 Curves
- Steel Caboose Includes Overhead Interior Lighting

Passenger Cars



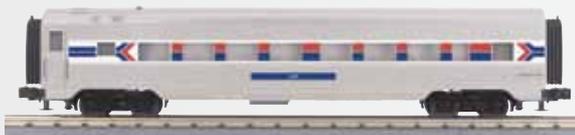
New Haven - 2-Car 60' Streamlined ABS Sleeper/Diner
30-67724 \$129.95



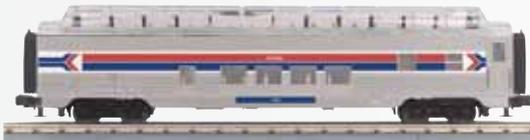
New Haven - 4-Car 60' Streamlined ABS Passenger Set
30-67723 \$249.95



New Haven - 60' Streamlined ABS Coach Car
30-67725 \$64.95



Amtrak - 60' Streamlined ABS Coach Car
30-67717 \$64.95



Amtrak - 60' Streamlined ABS Full-Length Vista Dome Car
30-67718 \$69.95



New Haven - 60' Streamlined ABS Full-Length Vista Dome Car
30-67726 \$69.95



Amtrak - 2-Car 60' Streamlined ABS Sleeper/Diner
30-67716 \$129.95



Pennsylvania - 60' Streamlined ABS Full-Length Vista Dome Car
30-67714 \$69.95



Amtrak - 4-Car 60' Streamlined ABS Passenger Set
30-67715 \$249.95



Pennsylvania - 60' Streamlined ABS Coach Car
30-67713 \$64.95



Pennsylvania - 2-Car 60' Streamlined ABS Sleeper/Diner
30-67716 \$129.95



Pennsylvania - 4-Car 60' Streamlined ABS Passenger Set
30-67711 \$249.95



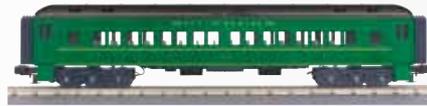
Santa Fe - 4-Car 60' Streamlined ABS Passenger Set
30-67727 \$249.95



Santa Fe - 60' Streamlined ABS Coach Car
30-67729 \$64.95



Santa Fe - 60' Streamlined ABS Full-Length Vista Dome Car
30-67730 \$69.95



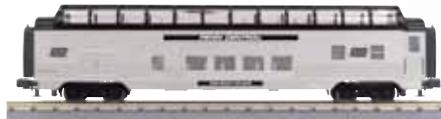
Southern - 60' Madison Coach Car
30-69169 \$64.95



Santa Fe - 2-Car 60' Streamlined ABS Sleeper/Diner
30-67728 \$129.95



Southern - 4-Car 60' Madison Passenger Set
30-69167 \$249.95



Penn Central - 60' Streamlined ABS Full-Length Vista Dome Car
30-67722 \$69.95

Southern - 2-Car 60' Madison Combo/Diner Set
30-69168 \$129.95



Penn Central - 2-Car 60' Streamlined ABS Sleeper/Diner
30-67720 \$129.95



Penn Central - 60' Streamlined ABS Coach Car
30-67721 \$64.95



Penn Central - 4-Car 60' Streamlined ABS Passenger Set
30-67719 \$249.95





Baltimore & Ohio - 4-Car 60' Madison Passenger Set
30-69170 \$249.95



Baltimore & Ohio - 2-Car 60' Madison Combo/Diner Set
30-69171 \$129.95



Baltimore & Ohio - 60' Madison Coach Car
30-69172 \$64.95



**New York Central
60' Madison Coach Car**
30-69175 \$64.95

New York Central - 4-Car 60' Madison Passenger Set
30-69173 \$249.95



Lackawanna - 2-Car 60' Streamlined ABS Sleeper/Diner
30-67732 \$129.95



New York Central - 2-Car 60' Madison Combo/Diner Set
30-69174 \$129.95



Lackawanna - 60' Streamlined ABS Coach Car
30-67733 \$64.95



**Lackawanna - 60' Streamlined ABS
Full-Length Vista Dome Car**
30-67734 \$69.95



**Lackawanna - 4-Car 60' Stream-
lined ABS Passenger Set**
30-67731 \$249.95



**Jersey Central
60' Madison Coach Car**
30-69166 \$64.95



**Jersey Central - 2-Car 60'
Madison Combo/Diner Set**
30-69165 \$129.95

Jersey Central - 4-Car 60' Madison Passenger Set
30-69164 \$249.95





Union Pacific - 4-Car 60' Streamlined ABS Passenger Set
30-67735 \$249.95



Union Pacific - 2-Car 60' Streamlined ABS Sleeper/Diner
30-67736 \$129.95



Union Pacific - 60' Streamlined ABS Coach Car
30-67737 \$64.95



Union Pacific - 60' Madison Coach Car
30-69178 \$64.95



Union Pacific - 60' Streamlined ABS Full-Length Vista Dome Car
30-67738 \$69.95



Union Pacific - 4-Car 60' Madison Passenger Set
30-69176 \$249.95



Union Pacific - 2-Car 60' Madison Combo/Diner Set
30-69177 \$129.95

Premier

O scale model railroaders, whether they be 3-rail or 2-rail fans, that have or plan to have a premier model railroad will find choosing an M.T.H. Premier Line locomotive or rolling stock item a worthy choice. Our steam, diesel and electric locomotives are unmatched in value and performance and our freight cars can withstand the scrutiny of many a seasoned modeler. Almost all of our Premier Line models can be configured for use on 2 or 3-rail track and come in multiple cab numbers making M.T.H. Premier Line products the most versatile O scale products produced today.

Premier steam engines are the gold standard in O Scale railroading. These beautifully detailed 1:48 scale locomotives display the highest standards of craftsmanship, realistic detail, and solid construction. Each is configured with a smooth, powerful drive-train that performs like no other. Every Premier steamer features a die-cast boiler and tender, comes equipped with a flywheel-equipped motor, pours billowing smoke from the ProtoSmoke system prototypically timed with the drive wheels revolutions, and is outfitted with lighting effects that make for a realistic operating experience.

Many Premier diesels feature metal handrails and grill details and additional operating features such as moveable roof fans, operating marker lights, and illuminated number boards. Every one of our engines features a precisely designed body and a crisp, detailed paint scheme modeled closely to the original. This careful attention to detail does not stop with the appearance of the models. Each Premier locomotive features a worldclass drive train capable of operating at incredibly slow speeds when run in command mode yet ensuring consistent performance when pulling long strings of cars.

Premier locomotives were introduced to fulfill the needs of established 3-rail model railroaders, operators, and collectors for whom accuracy, quality, and detail are essential. And while the authenticity of detail is designed to please the most discriminating of model railroaders, many Premier locomotives are now equipped with an industry-exclusive feature that allows our locomotives to run on 2-rail or 3-rail track.

Dubbed Proto-Scale 3-2, locomotives so equipped can be quickly configured for 2-rail or 3-rail operation by removing or adding the 3-rail pickups and flipping a power pickup switch to allow power to flow through one side of the locomotive's drive wheels or through the track's center rail. Because the onboard Proto-Sound 3.0 electronics can operate on AC or DC power and are equipped with both a DCC and a DCS receiver, operators now have an unprecedented number of ways to operate their locomotives. No other manufacturer today can match the number of operating modes as those found in an M.T.H. locomotive equipped with Proto-Sound 3.0.

Models equipped with Proto-Scale 3-2 are offered in two flavors, Hi-Rail Wheels or Scale Wheels. Operators planning on operating exclusively on a 2-rail empire, should select the latter while 3-rail operators will find the Hi-Rail Wheel versions to be their best option. 3-Rail Scale Operators whose layouts feature wide curves will also find the Scale Wheel models, especially diesel locomotives with their fixed pilots, to be worthy considerations.

Because space is limited on each of our catalog pages, Premier Line enthusiasts should refer to our website (www.mthtrains.com) to find each product's complete feature list and available product cab numbers or car names.





LEARN MORE about what makes M.T.H. Premier locomotives different from those produced by other manufacturers. Visit www.mthtrains.com/news/059 to see why our steam, diesel and electric engines are why M.T.H. Electric Trains Do More!

4-8-4 GS-4 steam



Features

- Die-Cast Boiler and Tender Body
- 1:48 Scale Proportions
- Die-Cast Metal Chassis
- Authentic Paint Scheme
- Metal Wheels and Axles
- Constant Voltage Headlight
- Die-Cast Truck Sides
- Precision Flywheel-Equipped Motor
- Remote Controlled Proto-Coupler
- Engineer and Fireman Figures
- Operating Firebox Glow
- Metal Handrails and Decorative Bell
- Decorative Metal Whistle
- Operating Marker Lights
- Lighted Cab Interior
- Operating Tender Back-up Light
- Locomotive Speed Control In Scale MPH Increments
- Proto-Scale 3-2 3-Rail/2-Rail Conversion Capable
- Synchronized Puffing ProtoSmoke System
- Wireless Drawbar
- Proto-Sound 3.0 With The Digital Command System Featuring:
 - Passenger Station Proto-Effects
 - Unit Measures: 29" x 2 3/4" x 4 1/4"
 - Hi-Rail Wheels Operate On O-54 Curves
 - Scale Wheels Operate On 42" Radius Curves

Add a Matching Passenger Set - See Page 98



In 1937 the Southern Pacific trumpeted a new train in full-page magazine ads:

Let us stand by the tracks of Southern Pacific's Coast Line, as thousands now do every day and listen... Suddenly from far off comes a musical note, rising. Round a curve flashes a streak of color. Here comes the Daylight, the most beautiful train in the West!

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

Leading the trains were the Southern Pacific's class GS (for "Golden State") Northerns, arguably among the handsomest steam engines ever built. Constructed by Lima Locomotive Works, inventor of the super-power concept, the Daylight 4-8-4s had the combination of power and speed that characterized steam power at its zenith. Class GS-4 engines, delivered in 1941 and 1942, were among the last and best-looking of the breed, with tall 80" drivers and enclosed all-weather cabs. In addition to handling premier passenger trains, the Golden State 4-8-4s were regularly used in high-speed freight service on the San Francisco-Los Angeles Overnight.



Add a Matching Freight Set - See Page 95

Southern Pacific - 4-8-4 GS-4 Steam Engine

| | | |
|-----------|----------------|-----------|
| 20-3485-1 | Hi-Rail Wheels | \$1099.95 |
| 20-3485-2 | Scale Wheels | \$1099.95 |



Southern Pacific - 4-8-4 GS-4 Steam Engine

| | | |
|-----------|----------------|-----------|
| 20-3483-1 | Hi-Rail Wheels | \$1099.95 |
| 20-3483-2 | Scale Wheels | \$1099.95 |

Western Pacific - 4-8-4 GS-4 Steam Engine

| | | |
|-----------|----------------|-----------|
| 20-3486-1 | Hi-Rail Wheels | \$1099.95 |
| 20-3486-2 | Scale Wheels | \$1099.95 |



Add a Matching Passenger Set - See Page 98



Southern Pacific - 4-8-4 GS-4 Steam Engine

| | | |
|-----------|----------------|-----------|
| 20-3484-1 | Hi-Rail Wheels | \$1099.95 |
| 20-3484-2 | Scale Wheels | \$1099.95 |





Features

- Intricately Detailed ABS Body
- Die-Cast Truck Sides, Pilots and Fuel Tank
- Colorful Paint Scheme
- Metal Chassis
- Metal Handrails and Decorative Horn
- (2) Cab Figures
- Moveable Roof Fan Blades
- Metal Body Side Grilles
- Directionally Controlled Headlights
- Metal Wheels, Axles and Gears
- (2) Precision Flywheel-Equipped Motors
- Locomotive Speed Control In Scale MPH Increments
- Lighted Cab Interior
- Illuminated Number Boards
- Operating Ditch Lights
- Operating Smoke Unit
- Proto-Scale 3-2 3-Rail/2-Rail Conversion Capable
- Kadee Compatible Coupler Mounting Pads
- Proto-Sound 3.0 With The Digital Command System Featuring Freight Yard Proto-Effects
- Unit Measures: 18 1/2" x 2 5/8" x 4"
- Hi-Rail Wheels Operate On 0-42 Curves
- Scale Wheels Operate on 42" Radius Curves





Jersey Central - SD70ACe Diesel

- 20-20269-1 Hi-Rail Wheels \$459.95
- 20-20269-2 Scale Wheels \$479.95



Reading - SD70ACe Diesel

- 20-20271-1 Hi-Rail Wheels \$459.95
- 20-20271-2 Scale Wheels \$479.95

Celebrate Norfolk Southern's 30th Anniversary with your favorite heritage railroads in select Premier SD70ACe and ES44 models. Each of the twenty different railroads featured in the real-life series created by Norfolk Southern and used on their fleet of SD70ACe and ES44 locomotives has been recreated in M.T.H.'s Premier Line diesel roster.

Each of these M.T.H. locomotives is being produced from 2012 through 2013 and can be paired with matching Premier Line 50' Hi-Cube Box Cars and Extended Vision Cabooses. All the Norfolk Southern Heritage locomotives and rolling stock will be packaged in commemorative Norfolk Southern packaging, further ensuring that these unique items will be distinct from standard M.T.H. Premier Line locomotives and freight cars.

The SD70ACe is Electro-Motive Division's hope for the future. While designed to meet the Environmental Protection Agency's Tier-2 emissions requirements that took effect on January 1, 2005, this replacement for the SD70MAC also seems to have a higher purpose: to recapture the lead in North American locomotive sales that EMD lost to General Electric in 1987.

Under the hood beats a third-generation model 710 diesel with 4300 horsepower; only slight modifications were needed to make the model 710 meet new emission standards. With 5000 such motors in service worldwide and a reputation for dependability, EMD reasoned that shop crews would prefer familiar technology.

Like EMD's SD70ACe, General Electric's standard bearers of modern day motive power are the EVOs, the Evolution Series ES44AC and ES44DC. At the heart of the Evolution Series is a brand new prime mover, the four-cycle, 12-cylinder GEVO-12. While producing the same 4400 horsepower as its 16-cylinder FDL-series predecessor, the GEVO-12 uses less fuel and spits out 40% fewer emissions. GE claims the EVOs are "the most fuel-efficient, most environmentally friendly diesel locomotives in history." Everything about these locomotives has been examined, questioned, and re-thought, generating 25 new U.S. patents in the process. And every Big Six railroad has ponied up to buy them, with the BNSF currently rostering the largest EVO fleet.

Like all Premier diesel locomotives, the SD70ACe and the ES44AC offers O scale's finest combination of detail, realism,

and performance. Listen to the chant of an authentic 710 diesel motor or GEVO-12 motor, and throttle down as low as three scale miles per hour, so you can admire the details as either of these modern powerhouses glides by: see-through fans and grilles, walkways with safety tread, separate metal handrails and grab irons, moveable fan blades, moveable side-view mirrors and a host of other separately applied metal details.

Available in a hi-rail wheeled model for 2 or 3-rail operation or a fixed-pilot scale wheeled version for use on 2 or 3-rail track, each Proto-Sound 3.0-equipped model — regardless of wheel configuration — can run on AC or DC power in conventional or command mode. With its built-in DCC/DCS receiver, either Proto-Sound 3.0-equipped model will respond to DCC and DCS command control protocols, ensuring that M.T.H.'s Norfolk Southern Premier Line Heritage Models are the best value in O scale diesels available today.

NORFOLK SOUTHERN HERITAGE



New York Central - SD70ACe Diesel

| | | |
|------------|----------------|----------|
| 20-20274-1 | Hi-Rail Wheels | \$459.95 |
| 20-20274-2 | Scale Wheels | \$479.95 |



Erie - SD70ACe Diesel

| | | |
|------------|----------------|----------|
| 20-20270-1 | Hi-Rail Wheels | \$459.95 |
| 20-20270-2 | Scale Wheels | \$479.95 |

SERIES DIESELS



premier diesel



Norfolk & Western - ES44AC Diesel Engine

- 20-20276-1 Hi-Rail Wheels \$459.95
- 20-20276-2 Scale Wheels \$479.95



Pennsylvania - ES44AC Diesel Engine

- 20-20280-1 Hi-Rail Wheels \$459.95
- 20-20280-2 Scale Wheels \$479.95



Lehigh Valley - ES44AC Diesel Engine

- 20-20279-1 Hi-Rail Wheels \$459.95
- 20-20279-2 Scale Wheels \$479.95

NORFOLK SOUTHERN HERITAGE



Erie - 50' High Cube Box Car
20-93568 \$64.95



Norfolk Southern - 50' High Cube Box Car
20-93576 \$64.95

Features

- Sliding Car Doors
- O Scale Kadee® Compatible Coupler Mounting Pads
- 1:48 Scale Dimensions
- Unit Measures:
14 1/2" x 2 5/8" x 4 3/16"
- Operates On 0-31 Curves



Conrail - 50' High Cube Box Car
20-93578 \$64.95



Nickel Plate Road - 50' High Cube Box Car
20-93575 \$64.95



Lackawanna - 50' High Cube Box Car
20-93579 \$64.95



New York Central - 50' High Cube Box Car
20-93569 \$64.95

SERIES FREIGHT



Southern - 50' High Cube Box Car
20-93577 \$64.95



Pennsylvania - 50' High Cube Box Car
20-93573 \$64.95



Lehigh Valley - 50' High Cube Box Car
20-93572 \$64.95

Jersey Central - 50' High Cube Box Car
20-93567 \$64.95



Reading - 50' High Cube Box Car
20-93570 \$64.95



Illinois Terminal - 50' High Cube Box Car
20-93574 \$64.95

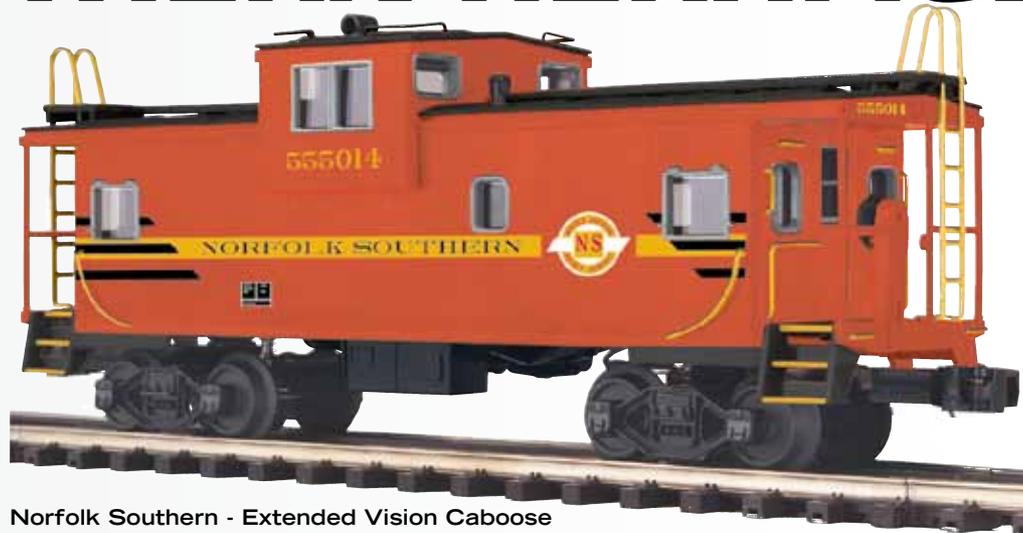
Norfolk & Western - 50' High Cube Box Car
20-93571 \$64.95



NORFOLK SOUTHERN HERITAGE



Erie - Extended Vision Caboose
20-91384 \$69.95



Norfolk Southern - Extended Vision Caboose
20-91392 \$69.95



Conrail - Extended Vision Caboose
20-91394 \$69.95



Nickel Plate Road - Extended Vision Caboose
20-91391 \$69.95



Lackawanna - Extended Vision Caboose
20-91395 \$69.95



New York Central
Extended Vision Caboose
20-91385 \$69.95

Features

- 1:48 Scale Dimensions
- Separate Metal Handrails
- O Scale Kadee® Compatible Coupler Mounting Pads
- Unit Measures:
10 3/4" x 2 3/4" x 4"
- Operates On O-31 Curves

SERIES FREIGHT



Southern - Extended Vision Caboose
20-91393 \$69.95



Lehigh Valley - Extended Vision Caboose
20-91388 \$69.95



Illinois Terminal - Extended Vision Caboose
20-91390 \$69.95

Pennsylvania
Extended Vision Caboose
20-91389 \$69.95



Jersey Central
Extended Vision Caboose
20-91383 \$69.95

Reading
Extended Vision Caboose
20-91386 \$69.95



Norfolk & Western
Extended Vision Caboose
20-91387 \$69.95

ES44AC

diesel

Features

- Intricately Detailed ABS Body
- Die-Cast Truck Sides, Pilots and Fuel Tank
- Colorful Paint Scheme
- Metal Chassis
- Metal Handrails and Decorative Horn
- (2) Cab Figures
- Moveable Roof Fan Blades
- Metal Body Side Grilles
- Directionally Controlled Headlights
- Metal Wheels, Axles and Gears
- (2) Remotely Controlled Proto-Couplers
- (2) Precision Flywheel-Equipped Motors
- Locomotive Speed Control In Scale MPH Increments
- Lighted Cab Interior
- Illuminated Number Boards
- Operating Ditch Lights
- Operating Smoke Unit
- Proto-Scale 3-2 3-Rail/2-Rail Conversion Capable
- 1:48 Scale Proportions
- Proto-Sound 3.0 With The Digital Command System Featuring Freight Yard Proto-Effects
- Unit Measures: 18 1/2" x 2 5/8" x 4"
- Hi-Rail Wheels Operate On 0-42 Curves
- Scale Wheels Operate on 42" Radius Curves





CSX - ES44AC Diesel Engine
 20-20283-1 Hi-Rail Wheels \$459.95
 20-20283-2 Scale Wheels \$479.95

Add A Matching 6-Car Freight Set
 See Page 95



BNSF - ES44AC Diesel Engine
 20-20285-1 Hi-Rail Wheels \$459.95
 20-20285-2 Scale Wheels \$479.95



Union Pacific - ES44AC Diesel Engine
 20-20284-1 Hi-Rail Wheels \$459.95
 20-20284-2 Scale Wheels \$479.95

Canadian Pacific - ES44AC Diesel Engine
 20-20286-1 Hi-Rail Wheels \$459.95
 20-20286-2 Scale Wheels \$479.95



With a wave of consolidation behind it, North American railroading is once again a good business to be in. Freight traffic is booming. Locomotive orders are coming in at a record pace from the Big Six roads that dominate rail transportation on the continent: Union Pacific, BNSF, CSX, Norfolk Southern, Canadian National, and Canadian Pacific. And the two remaining diesel builders are locked in a battle to become the locomotive supplier for the 21st century. Caterpillar®-owned EMD, no longer a division of General Motors, is represented by the AC-traction-motored SD70ACe and its DC-traction sibling, the SD70M-2. General Electric's standard bearers are the EVOs, the Evolution Series ES44AC and ES44DC.

At the heart of the Evolution Series is a brand new prime mover, the four-cycle, 12-cylinder GEVO-12. While producing the same 4400 horsepower as its 16-cylinder FDL-series predecessor, the GEVO-12 uses less fuel and spits out 40% fewer emissions. GE claims the EVOs are "the most fuel-efficient, most environmentally friendly diesel locomotives in history." Everything about these locomotives has been examined, questioned, and re-thought, generating 25 new U.S. patents in the process. And every Big Six railroad has ponied up to buy them, with the BNSF currently rostering the largest EVO fleet.

Like all Premier locomotives, the ES44AC offers O scale's finest combination of detail, realism, and performance. Listen to the chant of an authentic GEVO-12 motor, and throttle down as low as three scale miles per hour so you can admire the details as the Evolution Series glides by: see-through fans and grilles, walkways with safety tread, opening doors with working door handles, and a host of other separately applied metal details.

Did You Know?
 Fully loaded, an Evolution Series diesel carries 5000 gallons of diesel fuel, 450 gallons of lube oil, and 400 gallons of cooling water.

SD9043MAC & SD80MAC

diesel



Features

- Directionally Controlled Headlights
- Intricately Detailed ABS Body
- Metal Wheels, Axles and Gears
- Die-Cast Truck Sides, Pilots and Fuel Tank
- (2) Remotely Controlled Proto-Couplers
- Authentic Paint Scheme
- Metal Handrails and Decorative Horn
- (2) Precision Flywheel-Equipped Motors
- Lighted Cab Interior
- Illuminated Number Boards
- (2) Cab Figures
- Moveable Roof Fan Blades
- Operating Ditch Lights
- Operating Smoke Unit
- Metal Body Side Grilles
- Metal Chassis
- Locomotive Speed Control in Scale MPH Increments
- Proto-Scale 3-2 3-Rail/2-Rail Conversion Capable
- Proto-Sound 3.0 With The Digital Command System Featuring Freight Yard Proto-Effects
- Unit Measures: 20 1/2" x 2 3/4" x 3 7/8"
- Operates On 0-42 Curves



CSX - SD80MAC Diesel
20-20299-1 Proto-Sound 3.0 \$459.95

Add A Matching 6-Car Freight Set - See Page 95

In the horsepower race of the 1990s - which turned out to be a passing fad — the Holy Grail became a 6000 hp diesel. But neither EMD nor GE had a prime mover capable of being upgraded to that size. As a stopgap measure, EMD added four cylinders to its proven model 710 engine to create the 5000 hp, 20 cylinder, 80 foot long SD80MAC in 1995. Conrail was the only taker, rostering all 30 units produced and later passing them on to successor CSX.

Other railroads waited for EMD to deliver its all-new power plant, the 6000 hp "H" engine, EMD's first four-stroke diesel. When the H engine was delayed, EMD offered what was intended to be a temporary solution: its new SD90MAC locomotive, designed for the H engine but temporarily powered with a 4300 hp, 16-cylinder model 710 engine. The hybrid "SD9043MAC" was externally the same as the SD80MAC and sold rather well — much better than the 6000 hp version when it finally arrived. As it turned out, American railroads decided a 4300-4400 hp diesel was a more versatile building block for multiple-unit consists, and the craze for 6000 hp engines faded. The SD9043MACs were never upgraded to the H engine. Today most 6000 hp SD90MACs are gradually being withdrawn from service while the "temporary" 710-powered SD9043s soldier on. And while the H engine was not a great success in the United States, it has gained a foothold in China and other overseas markets.



Indiana Railway - SD9043MAC Diesel
20-20296-1 Proto-Sound 3.0 \$459.95

Add A Matching 6-Car Freight Set
See Page 95



Canadian Pacific - SD9043MAC Diesel
20-20298-1 Proto-Sound 3.0 \$459.95



Union Pacific - SD9043MAC Diesel
20-20297-1 Proto-Sound 3.0 \$459.95



SD45

diesel



Features

- Intricately Detailed ABS Body
- Die-Cast Truck Sides, Pilots and Fuel Tank
- Colorful Paint Scheme
- Metal Chassis
- Metal Handrails and Decorative Horn
- (2) Cab Figures
- Moveable Roof Fans
- Metal Body Side Grilles
- Directionally Controlled Headlights
- Metal Wheels, Axles and Gears
- (2) Remotely Controlled Proto-Couplers
- (2) Precision Flywheel-Equipped Motors
- Locomotive Speed Control In Scale MPH Increments
- Lighted Cab Interior
- Illuminated Number Boards
- Lighted Marker Lights
- Operating Smoke Unit
- Proto-Scale 3-2 3-Rail/2-Rail Conversion Capable
- Proto-Sound 3.0 With The Digital Command System Featuring Freight Yard or Passenger Station Proto-Effects
- Unit Measures: 17 1/4" x 3 3/4" x 2 3/4"
- Hi-Rail Wheels Operate On 0-42 Curves
- Scale Wheels Operate On 42" Radius Curves



Like the Pontiac GTO, the SD45 was a mid-60s General Motors muscle car. Stuffed under its brick-like hood was the largest diesel motor made up to that time, a turbo-charged, 20-cylinder, Electro-Motive Division model 645E. The Great Northern took delivery of the first SD45 in May of 1966 and promptly painted the nickname "Hustle Muscle" on its flanks. The name said it all: the SD45 was heavy freight power, intended for long trains and high speeds. And it had the muscular looks to match, with flared radiators capping a long body that filled every inch of its frame — as opposed to its baby brother, the SD40, which had an open "porch" at each end of the engine.

Unfortunately, the 20-cylinder motor turned out to have a major flaw: a tendency to break its own crankshaft. Even so, a large number of Class 1 railroads rostered the engine, with 1,260 units sold between 1966 and 1971. The Santa Fe, Burlington Northern, Pennsy, and Southern Pacific each owned more than 100 of the heavy freighters. Looking at the order quantities, one can see that the SD45 marked the beginning of a large-scale shift toward six-axle freight engines on American railroads. Before the late '60s, adding a third axle to a truck was mainly an expedient to spread out an engine's weight for service on lighter rail, particularly branch lines. But with the SD45 and its contemporaries, railroads began favoring the six-axle engine as a way to get more power on the rails for heavier mainline trains. Despite the initial crankshaft problems, many SD45s served their original owners for decades, as well as successor railroads like Conrail and the BNSF, and later went on to new lives at smaller, secondary roads.

Our Premier model of this heavy hauler offers an outstanding combination of detail, realism, and performance. Added-on detail parts include windshield wipers, lift rings, metal grab irons and handrails, see-thru rooftop fan housings, and walkways with safety tread. Thanks to Proto-Speed Control, this model can dig in and haul long trains at any speed from a crawl to full throttle. And in command mode with the DCS system, you can create a lashup combining one or more SD45s with any other Proto-Sound 2.0 or 3.0 locomotives, and run them all from a single throttle just like the prototype.

Did You Know?

Several SD45s have been preserved, including engine 400, the original GN Hustle Muscle. Repainted in its original Omaha Orange and Pullman Green, it resides today in working condition at the Minnesota Transportation Museum in St. Paul.



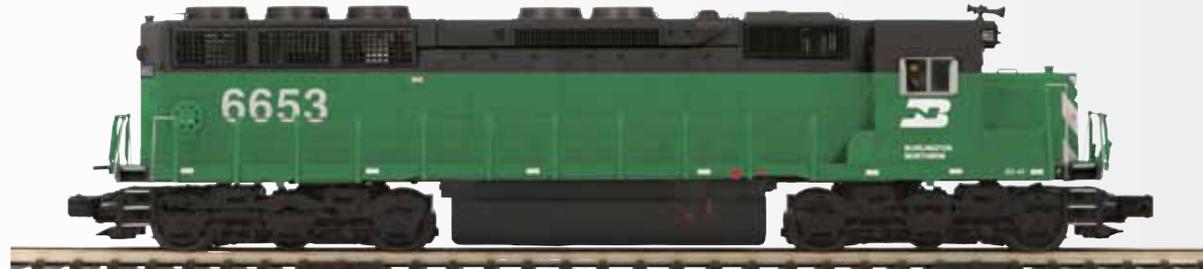
Norfolk & Western - SD45 High Hood Diesel

| | | |
|------------|----------------|----------|
| 20-20292-1 | Hi-Rail Wheels | \$459.95 |
| 20-20292-2 | Scale Wheels | \$479.95 |



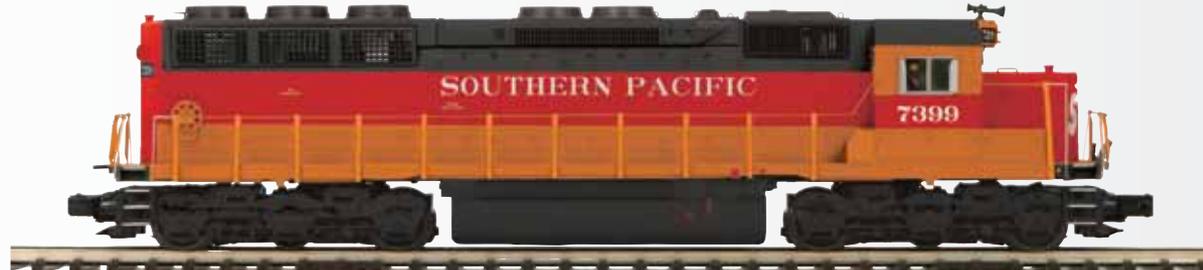
Erie Lackawanna - SD45 Low Hood Diesel

| | | |
|------------|----------------|----------|
| 20-20293-1 | Hi-Rail Wheels | \$459.95 |
| 20-20293-2 | Scale Wheels | \$479.95 |



Burlington Northern - SD45 Low Hood Diesel

| | | |
|------------|----------------|----------|
| 20-20294-1 | Hi-Rail Wheels | \$459.95 |
| 20-20294-2 | Scale Wheels | \$479.95 |



Southern Pacific - SD45 Low Hood Diesel

| | | |
|------------|----------------|----------|
| 20-20295-1 | Hi-Rail Wheels | \$459.95 |
| 20-20295-2 | Scale Wheels | \$479.95 |

**Double-Head With S.P. Daylight GS-4
and Matching Passenger Cars - See
Pages 56 and 98**



FA-2 A-B-A diesel set

Features

- Directionally Controlled Headlights
- Intricately Detailed ABS Bodies
- Die-Cast Truck Sides, Pilots and Fuel Tank
- (2) Remotely Controlled Proto-Couplers
- Authentic Paint Scheme
- (2) Precision Flywheel-Equipped Motors In Each A-Unit
- Lighted Cab Interiors
- Illuminated Number Boards
- Lighted Marker Lights
- Moveable Roof Fan Blades
- Metal Body Side Grilles
- Metal Wheels, Axles and Gears
- (2) Cab Figures In Each A-Unit
- Locomotive Speed Control In Scale MPH Increments
- (2) Operating Smoke Units
- Proto-Sound 3.0 With The Digital Command System Featuring Freight Yard Proto-Effects
- Unit Measures: 39 3/4" x 2 1/2" x 3 3/4"
- Operates On 0-31 Curves

The American Locomotive Company, one of the nation's premier steam locomotive builders, joined forces with Schenectady, New York neighbor General Electric to build the first standardized diesel-electric locomotives in the 1920s. But when the diesel revolution began in earnest after World War II, dependability problems with Alco's model 244 prime mover doomed the company to forever playing second fiddle to industry leader EMD.

The brawny good looks of Alco's FA and PA cab units, however, have endeared them to railfans and modelers for more than half a century. Many would argue that Alco's FA-1 and successor FA-2 diesels were both handsomer and more powerful look-

ing than their major competitors, EMD's F3 and F7 "covered wagons." A signature feature of Alco cab units was the striking ribbed grille surrounding the headlight.

While Alco FA's were sold primarily as freight haulers, they did have room for a passenger-service steam generator at the rear of the engine compartment. Compared with the FA-1, the FA-2 was slightly longer to accommodate a larger steam generator and just a bit more powerful, developing 1600 hp. Alco built FA-2s and cabless FB-2 boosters from 1950 through 1956.

The Premier Alco FA-2 A-B-A diesel set includes two twin-motored A units and one non-powered B unit. Both A units have full directional lighting and a Proto-Coupler™ on the cab end. Like all Premier diesel locomotives, the set is equipped with the legendary power and performance of Proto-Sound 3.0. In addition, an additional non-powered B-unit can be ordered to create an A-B-B-A lashup.

Did You Know?

The FA was offered with optional passenger gearing and designated FPA, but only Canadian National bought that version.



Western Maryland - FA-2 A-B-A Diesel Engine Set

- 20-20304-1 Proto-Sound 3.0 \$729.95
- 20-20304-3 Non-Powered B-Unit \$179.95



New York Central - FA-2 A-B-A Diesel Engine Set

- 20-20305-1 Proto-Sound 3.0 \$729.95
- 20-20305-3 Non-Powered B-Unit \$179.95



Canadian National - FA-2 A-B-A Diesel Engine Set

- 20-20306-1 Proto-Sound 3.0 \$729.95
- 20-20306-3 Non-Powered B-Unit \$179.95

Add A Matching 6-Car Freight Set - See Page 95



Great Northern - FA-2 A-B-A Diesel Engine Set

- 20-20307-1 Proto-Sound 3.0 \$729.95
- 20-20307-3 Non-Powered B-Unit \$179.95



GP35 Low Hood

diesel



Features

- Directionally Controlled Headlights
- Intricately Detailed ABS Body
- Metal Wheels, Axles and Gears
- Die-Cast Truck Sides, Pilots and Fuel Tank
- Colorful Paint Scheme
- Metal Chassis
- Metal Handrails and Decorative Horn
- (2) Precision Flywheel-Equipped Motors
- Locomotive Speed Control In Scale MPH Increments
- Proto-Scale 3-2 3-Rail/2-Rail Conversion Capable
- Lighted Cab Interior
- Illuminated Number Boards
- (2) Engineer Cab Figures
- Moveable Roof Fan Blades
- Metal Body Side Grilles
- Operating Smoke Unit
- (2) Remotely Controlled Proto-Couplers
- Proto-Sound 3.0 With The Digital Command System Featuring Freight Yard Proto-Effects
- Unit Measures: 14 3/4" x 2 1/2" x 4 5/16"
- Hi-Rail Wheels Operate On 0-42 Curves
- Scale Wheels Operate on 31" Radius Curves



Milwaukee Road - GP35 Low Hood Diesel

| | | |
|------------|----------------|----------|
| 20-20290-1 | Hi-Rail Wheels | \$439.95 |
| 20-20290-2 | Scale Wheels | \$459.95 |



Akron, Canton & Youngstown - GP35 Low Hood Diesel

- 20-20287-1 Hi-Rail Wheels \$439.95
- 20-20287-2 Scale Wheels \$459.95



Pittsburgh & West Virginia - GP35 Low Hood Diesel

- 20-20288-1 Hi-Rail Wheels \$439.95
- 20-20288-2 Scale Wheels \$459.95



Ohio Central - GP35 Low Hood Diesel

- 20-20289-1 Hi-Rail Wheels \$439.95
- 20-20289-2 Scale Wheels \$459.95



Santa Fe - GP35 Low Hood Diesel

- 20-20291-1 Hi-Rail Wheels \$439.95
- 20-20291-2 Scale Wheels \$459.95

Produced from 1963 to 1966, the GP35, along with its six-axle SD35 sibling, marked both an end and a beginning. They were the last road diesels to use the EMD 567 motor that had powered switchers, F-units, and Geeps since 1939 (so named because each cylinder displaced 567 cubic inches). For the horsepower race of the 1960s, EMD tweaked the 567 to a turbocharged V-16 delivering 2500 hp. That was it for the 567, however, and in 1966 the baton was passed to the more powerful model 645. But while the "35 line" diesels ushered out an old motor, they inaugurated a new look. Their angled cab roofs and the clean, squared-off lines of their car bodies established the look of EMD power for the next three decades.

Introduced to compete with General Electric's landmark U25B, which had ushered in the second generation of diesel power, the GP35 outsold the "U-Boat" nearly three to one. There was a strong market for new power in the mid-1960s because the first-generation diesels that had vanquished steam were wearing out. While first-generation rosters had often been a hodgepodge of manufacturers and models as railroads experimented with the new technology, by 1960 Alco, EMD, and GE were the only manufacturers left standing — and Alco would soon throw in the towel. As a result, virtually every major U.S. railroad became a GP35 customer, and over 1300 engines were sold in the United States, Canada, and Mexico.

While our Premier model is not the first O gauge version of this second-generation pioneer, it offers the best combination of detail, realism, and performance of any 1/48 scale GP35. Added-on detail parts include windshield wipers, metal see-thru body grilles, lift rings, metal grab irons and handrails, see-thru rooftop fan housings, and brake cylinders, air pipes, and swing hangers on our super-detailed Blomberg trucks. And in command mode with the DCS system, you can create a lashup combining one or more GP35s with other Proto-Sound 3.0 or Proto-Sound 2.0 first- or second-generation power, and run them from a single throttle just like the prototype.



Genesis

diesel



Features

- Directionally Controlled Headlights
- Intricately Detailed ABS Body
- Metal Wheels, Axles and Gears
- Die-Cast Truck Sides, Pilots and Fuel Tank
- (2) Remotely Controlled Proto-Couplers
- (2) Precision Flywheel-Equipped Motors
- Lighted Cab Interior
- Illuminated Number Boards
- Lighted Marker Lights
- (2) Engineer Cab Figures
- Moving Roof Fan Blades
- Metal Body Side Grilles
- Operating Ditch Lights
- Operating Smoke Unit
- Locomotive Speed Control In Scale MPH Increments
- Proto-Scale 3-2 3-Rail/2-Rail Conversion Capable
- Proto-Sound 3.0 With The Digital Command System Featuring Passenger Station Proto-Effects
- Unit Measures: 18 1/2" x 2 1/2" x 3 3/4"
- Operates On O-31 Curves

By the late 1980's, Amtrak was searching for a replacement for its outdated and aging fleet of F40PHs and GP40s. Wary of getting more locomotives that were really designed for freight operation, Amtrak searched for a new, lightweight, high-tech alternative. General Electric provided Amtrak with an answer with its unveiling of the "Genesis." Featuring a monocoque frame, advanced electronics, and special environmental and safety features, the Genesis represented the state-of-the-art in U.S. passenger service.

While GE officially designated these engines as model AMD-103 (for Amtrak Diesel-103 mph), they are popularly called the Genesis engine because they represented an entirely new stage in passenger locomotive technology. Forty-four of these 4,000 hp engines, numbered 800-843, were delivered between April and December 1993.

The M.T.H. Premier Line Genesis is as state-of-the-art as the original. Our scale reproduction of the Genesis prototype brings you everything you have come to expect from M.T.H. diesels, including the standard features listed.





Amtrak - Genesis Diesel
20-20300-1 Proto-Sound 3.0 \$459.95

Add a Matching Passenger Set - See Page 99



Amtrak - Genesis Diesel
20-20301-1 Proto-Sound 3.0 \$459.95

Add a Matching Passenger Set - See Page 96



VIA Canada - Genesis Diesel
20-20302-1 Proto-Sound 3.0 \$459.95

Add a Matching Passenger Set - See Page 96



Amtrak - Genesis Passenger Set
20-20303-1 Proto-Sound 3.0 \$699.95

Alco PA A-B-A

diesel set



Features

- (2) Remotely Controlled Proto-Couplers
- Metal Chassis
- Illuminated Number Boards
- Directionally Controlled Headlights
- Die-Cast Truck Sides, Pilots and Fuel Tank
- Authentic Paint Scheme
- Metal Handrails and Decorative Horn
- Lighted Marker Lights
- Moveable Roof Fan Blades
- Metal Body Side Grilles
- Intricately Detailed ABS Bodies
- Metal Wheels, Axles and Gears
- (2) Precision Flywheel-Equipped Motors In Each A Unit
- Lighted Cab Interiors
- (2) Engineer Cab Figures In Each A Unit
- (2) Operating Smoke Units
- Locomotive Speed Control in Scale MPH Increments
- Operating MARS Light*
- Proto-Sound 3.0 With The Digital Command System Featuring Passenger Station Proto-Effects
- Unit Measures:
50 1/2" x 2 5/8" x 3 3/4"
- Operates On O-31 Curves

* Where Prototypical

The PA was Alco's glamour girl. While Electro-Motive's E-units easily beat Alco's passenger engine in terms of popularity, the PA is widely regarded as the most beautiful first-generation diesel - period. Perhaps no other locomotive looked so right at the head of the streamlined trains of the late forties and fifties that were the last hurrah of American long-distance passenger service. The 294 PA's and cableless PB's built between 1946 and 1953 powered some of America's most famous name trains, from the Pennsylvania's *Broadway Limited* to the New Haven's *Merchants' Limited*.

The muscular PA profile and its elegant nose, with the characteristic grille around the headlight, were designed by Ray Patten, General Electric's head of industrial design. At the time, GE and Alco were partners in the locomotive business,

with GE making the electrical equipment for all Alco diesels. Patten's design was described as "a locomotive so distinctive and so powerful looking that it actually helps railroads sell their services to passengers and shippers."

Under the hood of the PA beat a 16-cylinder model 244 prime mover that developed 2000 hp. Depending on their gearing, PA's could hustle a passenger consist along at up to 100 mph.

Long after all other PA's had gone to scrap, four restored ex-Santa Fe units remained in service on the Delaware & Hudson into the late 1970's. Sold to the Ferrocarriles Nacionales de Mexico (FNM) in 1978, most of the units eventually deteriorated to junk status, although one remained operational. But in April of 2000, Doyle McCormack - who also happens to be the

engineer of 4449, the restored Southern Pacific Daylight - and the Smithsonian Institution repatriated two of the junked units for rebuilding. One of the units will be restored to Santa Fe livery for static display, while Doyle is bringing the other PA back to life in the Nickel Plate Road "Bluebird" scheme.

Recreate the excitement of first-class passenger travel with Premier Alco PA locomotives and matching Premier passenger sets. Our ProtoSound 3.0 sound and control system brings you the authentic sounds of an Alco prime mover and station announcements for name trains of the 1940s and '50s - along with the ability to start your train so gently you won't spill the water in the diner and then accelerate up to scale speeds of over 100 mph, just like the prototype.



Pennsylvania - Alco PA ABA Diesel Set
 20-20308-1 Proto-Sound 3.0 \$729.95
 20-20308-3 Non-Powered B-Unit \$199.95

Add a Matching Passenger Set - See Page 98



Nickel Plate Road - Alco PA ABA Diesel Set
 20-20309-1 Proto-Sound 3.0 \$729.95
 20-20309-3 Non-Powered B-Unit \$199.95

Add a Matching Passenger Set - See Page 99



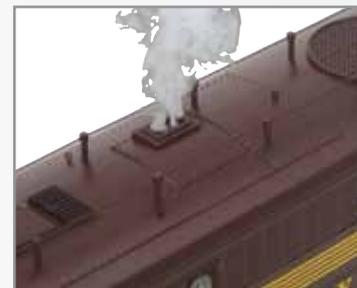
Denver Rio Grande (1-Stripe) - Alco PA ABA Diesel Set
 20-20310-1 Proto-Sound 3.0 \$729.95
 20-20310-3 Non-Powered B-Unit \$199.95

Add a Matching Passenger Set - See Page 97



Santa Fe - Alco PA ABA Diesel Set
 20-20311-1 Proto-Sound 3.0 \$729.95
 20-20311-3 Non-Powered B-Unit \$199.95

Add a Matching Passenger Set - See Page 97



EP-5 electric



Features

- Directionally Controlled Headlights
- Intricately Detailed ABS Body
- Metal Wheels, Axles and Gears
- Remotely Controlled Motorized Operating Pantographs
- Enhanced Detail Die-Cast Truck Sides, Pilots & Fuel Tank
- (2) Remotely Controlled Proto-Couplers
- Authentic Paint Scheme
- Metal Chassis
- (2) Precision Flywheel-Equipped Motors
- Lighted Cab Interior
- See-Through Metal Body Side Grills
- Illuminated Number Boards
- Lighted Marker Lights
- Locomotive Speed Control In Scale MPH Increments
- (2) Engineer Cab Figures
- Proto-Sound 3.0 With The Digital Command System Featuring Passenger Station Proto-Effects
- Unit Measures: 17 7/8 x 2 1/2 x 4 1/4
- Operates On 0-42 Curves

Spanning a career of over 20 years, EP-5 "Jets" were the prize of the New Haven Railroad. While they always ran in the shadow of the Pennsy's GG-1, EP-5's outperformed their electric counterparts in many ways. With its unparalleled acceleration capabilities, EP-5's were able to keep fast, tight schedules between northeast passenger stops. Their electric systems were much more advanced than those of the GG-1 and ultimately became the standard for electric locomotives in the U.S.

Now returning to the M.T.H. Premier line for the first time in ten years, the EP-5 is sure to be a welcome sight on your O gauge layout. Unlike other 3-rail EP-5's, the M.T.H. Premier version features prototypically detailed 6-wheel die-cast trucks. Riding atop the trucks is a metal chassis and an intricately detailed ABS shell. Operating, motorized metal pantographs and other details make this the best O gauge EP-5 ever produced. Inside the engine, you will find two flywheel-equipped motors and the awesome sounds and features of the Proto-Sound 3.0 Digital Sound and Train Control System.

Automatic Pantograph Operation Explained

Users operating the EP-5 in conventional mode will find that by depressing the transformer's direction button to stop the locomotive, the rear pantograph will remain in the up position while the lead pantograph slowly rises up. Once the lead pantograph is in its up position, the rear pantograph will slowly lower into the down position. At this point another press of the direction button will cause the locomotive to reverse making the lead pantograph now the rear pantograph and in the up position.

In command operation two operating modes will be offered; auto and manual. Auto mode will behave similar to conventional mode with the rear pantograph in the up position when moving. The up and down movement of the pantograph will be direction controlled using the DCS Digital Command Control System. In Manual mode, the user will have to raise and lower both pantographs via the DCS System as they wish regardless of directional state.

Motorized Operating Pantographs



**New Haven (McGinnis Yellow)
EP-5 Electric Engine**
20-5662-1 Proto-Sound 3.0 \$499.95



Penn Central - EP-5 Electric Engine
20-5665-1 Proto-Sound 3.0 \$499.95



Add a Matching Passenger Set - See Page 97

**New Haven (McGinnis Orange) -
EP-5 Electric Engine**
20-5663-1 Proto-Sound 3.0 \$499.95



Add a Matching Passenger Set - See Page 99



**New Haven (Green)
EP-5 Electric Engine**
20-5664-1 Proto-Sound 3.0 \$499.95



New Haven - EP-5 Passenger Set
20-5666-1 Proto-Sound 3.0 \$729.95

GG1 electric



Features

- Directionally Controlled Headlights
- Intricately Detailed Die-Cast Body
- Metal Wheels, Axles and Gears
- Remotely Controlled Operating Pantographs
- Enhanced Detail Die-Cast Truck Sides & Pilots
- (2) Remotely Controlled Proto-Couplers
- Authentic Paint Scheme
- Metal Chassis
- (2) Precision Flywheel-Equipped Motors
- Lighted Cab Interior
- See-Through Metal Body Side Grills
- Opening Doors
- Opening Hatches
- Illuminated Number Boards
- Lighted Marker Lights
- Locomotive Speed Control In Scale MPH Increments
- (2) Engineer Cab Figures
- Operating Smoke Unit
- With The Digital Command System Featuring Freight Yard or Passenger Station Proto-Effects
- Unit Measures: 20" x 2 5/8" x 4"
- Operates On O-72 Curves



Pennsylvania (Green 1 Stripe) - GG-1 Express Freight Train Set

20-5644-1 Proto-Sound 3.0 \$899.95





Pennsylvania (Brunswick Green 5-Stripe) - GG1 Electric Engine
 20-5639-1 Proto-Sound 3.0 \$799.95

**Motorized
 Operating
 Pantographs**



Pennsylvania (Brunswick Green Solid Stripe) - GG1 Electric Engine
 20-5640-1 Proto-Sound 3.0 \$799.95



Pennsylvania (Silver Solid Stripe) - GG1 Electric Engine
 20-5641-1 Proto-Sound 3.0 \$799.95

**Add a Matching
 Passenger Set
 See Page 98**



Pennsylvania (Tuscan 5-Stripe) - GG1 Electric Engine
 20-5642-1 Proto-Sound 3.0 \$799.95



Pennsylvania (Tuscan Solid Stripe) - GG1 Electric Engine
 20-5643-1 Proto-Sound 3.0 \$799.95

For more than two decades, the Pennsylvania Railroad experimented with locomotive designs in search of a high-speed, mainline passenger electric. That search ended in 1934 with the GG1, a cooperative effort by the PRR, Baldwin, Westinghouse, and General Electric, based largely on neighbor New Haven's successful EP3 juice jack. Industrial designer Raymond Loewy cleaned up the original riveted body to create a design that looked contemporary for half a century.

The GG1 fleet hustled passenger traffic of all types along the Pennsy's multi-track raceway from New York to Washington and west to Harrisburg, including the famed Congressional and Broadway Limited. With 18 Pullmans in tow, a GG1 could hit 100 mph. Regearred for freight service and run as double-headers, a pair of GG1s delivered about the same tractive effort as a Union Pacific Big Boy, with virtually no noise, no smoke, much less wear on the track, and significantly less maintenance. Many GG1s racked up more than five million miles of service, outlasting the railroad that built them and serving its two successors, the Penn Central and Conrail. If there were a Locomotive Hall of Fame, the Pennsylvania Railroad GG1 would surely be one of the first inductees.

Add this fully die-cast Hall of Famer to your layout in one or more authentic PRR liveries, featuring station sounds for Pennsy name trains, smooth performance at any speed from a crawl to full throttle, dual-motored power to rival the prototype, smoke from the train heat boiler, and pantographs that automatically raise and lower according to the direction of travel. We've even added sound effects to accompany the raising and lowering of the pantographs when the locomotive direction.

Automatic Pantograph Operation Explained

Users operating the GG1 in conventional mode will find that by depressing the transformer's direction button to stop the locomotive, the rear pantograph will remain in the up position while the lead pantograph slowly rises up. Once the lead pantograph is in its up position, the rear pantograph will slowly lower into the down position. At this point another press of the direction button will cause the locomotive to reverse making the lead pantograph now the rear pantograph and in the up position.

In command operation two operating modes will be offered; auto and manual. Auto mode will behave similar to conventional mode with the rear pantograph in the up position when moving. The up and down movement of the pantograph will be direction controlled using the DCS Digital Command Control System. In Manual mode, the user will have to raise and lower both pantographs via the DCS System as they wish regardless of directional state.

Premier Freight

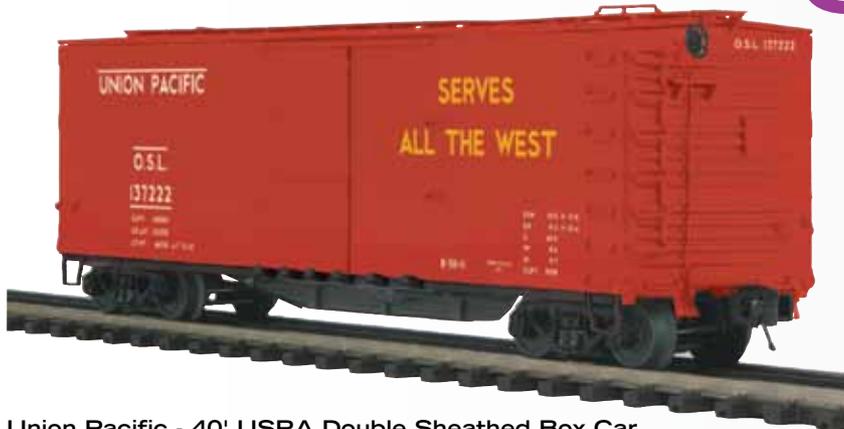


MTH Premier O Scale freight cars are the perfect complement to any manufacturer's scale proportioned O Gauge locomotives. Whether you prefer to purchase cars separately or assemble a unit train, MTH Premier Rolling Stock has the cars for you in a variety of car types and paint schemes.

Virtually every sturdy car is offered in two car numbers which makes it even easier than ever to combine them into a mult-car consist. Many of MTH's Premier Rolling Stock offerings can also operate on the tightest O Gauge curves giving them even more added versatility to your layout.



40' USRA Double Sheathed Box Car



Union Pacific - 40' USRA Double Sheathed Box Car
20-93590 \$59.95

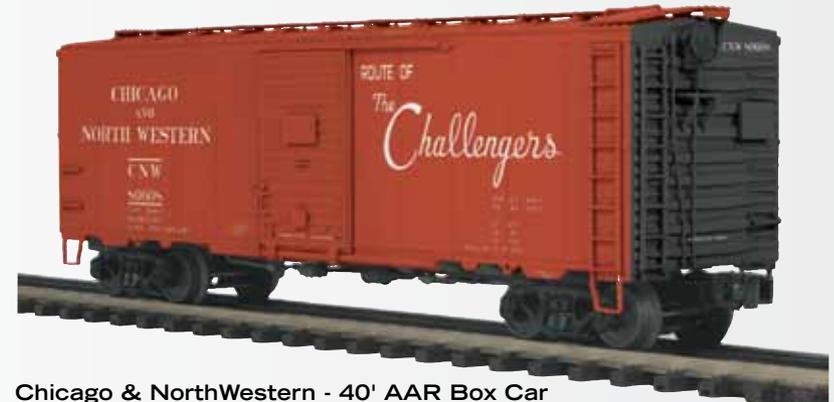


Spokane Portland & Seattle - 40' USRA Double Sheathed Box Car
20-93591 \$59.95

40' AAR Box Car



Southern Pacific - 40' AAR Box Car
20-93588 \$59.95



Chicago & NorthWestern - 40' AAR Box Car
20-93586 \$59.95

Features

- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Separate Metal Handrails
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Sliding Car Doors
- O Scale Kadee Compatible Coupler Mounting Pads
- 1:48 Scale Dimensions
- 40' AAR Box Car Measures: 11 5/8" x 2 5/8" x 3 3/4"
- 40' AAR Box Car Operates On O-31 Curves
- 40' USRA Double Sheathed Box Car Measures: 11 5/8" x 2 5/8" x 3 3/4"
- 40' USRA Double Sheathed Box Car Operates On O-31 Curves

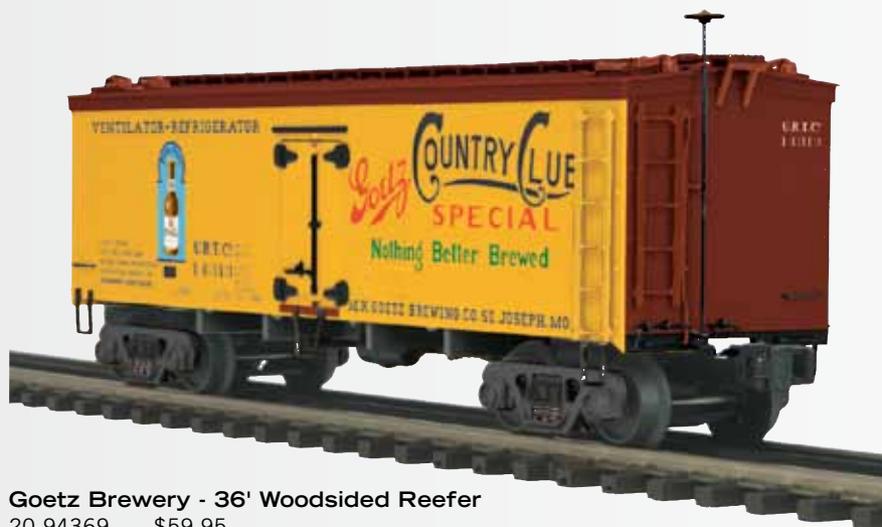
Reefer



Northern Pacific - Reefer
20-94250 \$59.95



Hamm's - Reefer
20-94248 \$59.95



Goetz Brewery - 36' Woodsided Reefer
20-94369 \$59.95

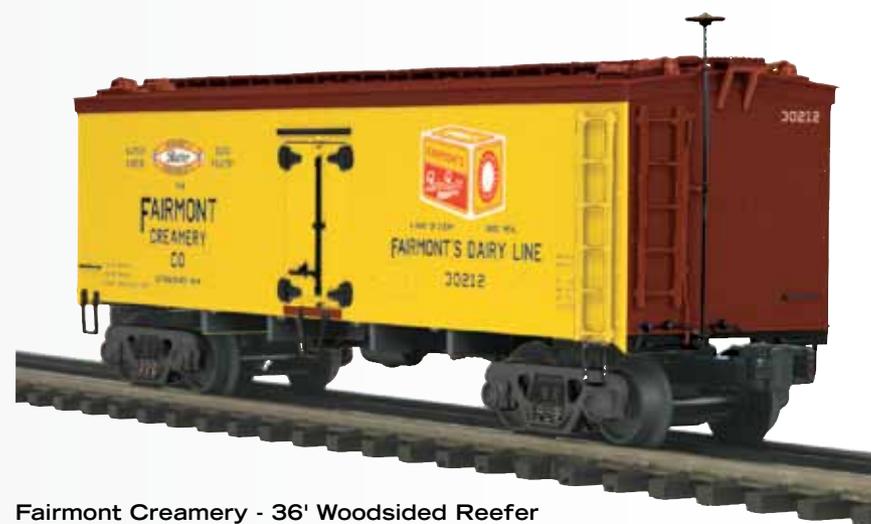
Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Opening Doors
- Fast-Angle Wheel Sets
- Needle-Point Axles
- O Scale Kadee Compatible Coupler Mounting Pads*

- 1:48 Scale Dimensions
- 36' Woodsided Reefer features Opening Roof Hatches
- Reefer Measures: 11 5/8" x 2 3/4" x 3 9/16"
- Reefer Operates On O-42 Curves
- 36' Woodsided Reefer Measures: 10 3/4" x 2 3/8" x 3 1/4"
- 36' Woodsided Reefer Operates On O-31 Curves

* 36' Woodsided Reefer Only

36' Woodsided Reefer



Fairmont Creamery - 36' Woodsided Reefer
20-94368 \$59.95

50' PS-1 Box Car



**Canadian National - 50' PS-1 Box Car
with Youngstown Door**
20-93581 \$59.95



**British Columbia - 50' PS-1 Box Car
with Pullman Standard Door**
20-93580 \$59.95

3-Bay Centerflow Hopper



Hercules - 3-Bay Centerflow Hopper
20-97767 \$64.95

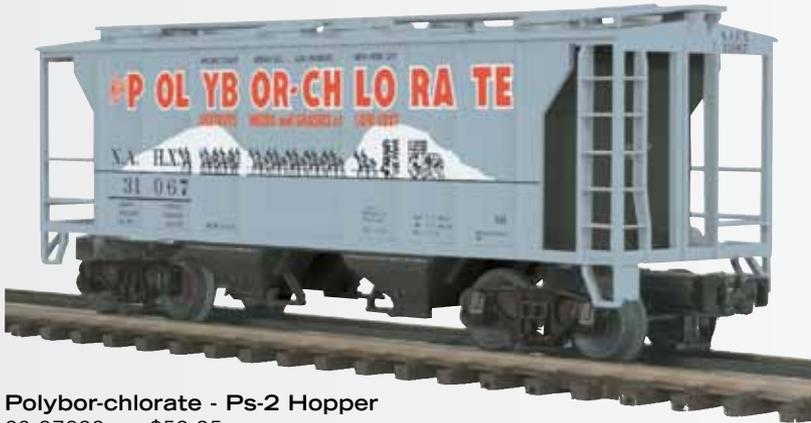


Enjay Plastics - 3-Bay Centerflow Hopper
20-97765 \$64.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Decorative Brake Wheels
- Separate Metal Handrails
- Fast-Angle Wheel Sets
- O Scale Kadee Compatible Coupler Mounting Pads
- Needle-Point Axles
- 50' Ps-1 Box Car features Sliding Car Doors
- 1:48 Scale Dimensions
- 50' Ps-1 Box Car Measures:
14 1/2" x 2 5/8" x 4 3/16"
- 50' Ps-1 Box Car Operates On O-31 Curves
- 3-Bay Centerflow Hopper Measures:
13 7/8" x 2 11/16" x 3 7/8"
- 3-Bay Centerflow Hopper Operates On O-31 Curves

Ps-2 Hopper



Polybor-chlorate - Ps-2 Hopper
20-97299 \$59.95



Maine Central - Ps-2 Hopper
20-97302 \$59.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Fast-Angle Wheel Sets
- Needle-Point Axles
- 1:48 Scale Dimensions
- O Scale Kadee Compatible Coupler Mounting Pads
- Ps-2 Hopper Car Measures: 10" x 2 9/16" x 3 3/8"
- Ps-2 Hopper Car Operates On O-31 Curves
- 4-Bay Hopper Car Measures: 13 1/4" x 2 5/8" x 3"
- 4-Bay Hopper Car Operates On O-31 Curves

4-Bay Hopper

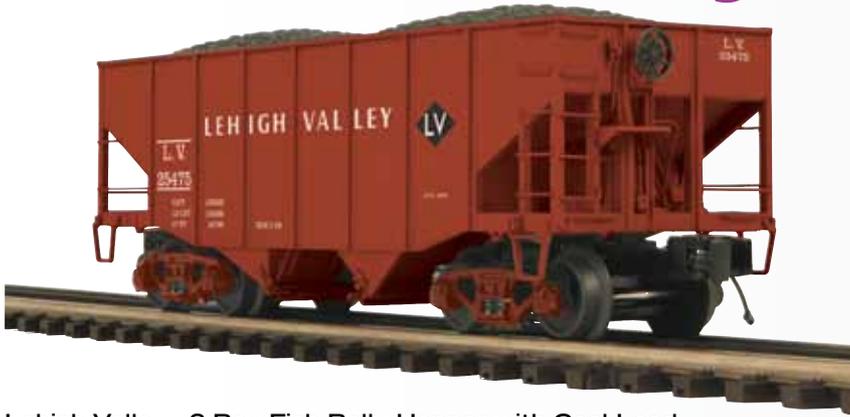


Burlington Northern - 4-Bay Hopper with Coal Load
20-97760 \$59.95



Maryland Midland - 4-Bay Hopper with Coal Load
20-97759 \$59.95

2-Bay Fish Belly Hopper



Lehigh Valley - 2-Bay Fish Belly Hopper with Coal Load
20-97304 \$59.95



Delaware & Hudson - 2-Bay Fish Belly Hopper with Coal Load
20-97303 \$59.95

Coalporter Hopper



CSX - Coalporter Hopper with Coal Load
20-97762 \$59.95

Featuring Rotating
Couplers!

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Fast-Angle Wheel Sets
- Needle-Point Axles
- 1:48 Scale Dimensions
- Detailed, Removable Coal Load
- O Scale Kadee Compatible Coupler Mounting Pads
- 2-Bay Fish Belly Hopper Measures:
9 1/2" x 2 1/2" x 3"
- 2-Bay Fish Belly Hopper Operates On O-31 Curves
- Coalporter Hopper Measures:
13 1/8" x 2 5/8" x 3 3/8"
- Coalporter Hopper Operates On O-31 Curves



Indiana Railroad - Coalporter Hopper with Coal Load
20-97763 \$59.95

Gondola with Coil Steel Load



CP Rail - Gondola Car with Coil Steel Load
20-98925 \$59.95



Pennsylvania - Gondola Car with Coil Steel Load
20-98924 \$59.95



Rock Island - Corrugated Auto Carrier
20-98922 \$79.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Fast-Angle Wheel Sets
- Needle-Point Axles
- 1:48 Scale Dimensions
- O Scale Kadee Compatible Coupler Mounting Pads
- Gondola Car Features (5) Removeable LCL Containers
- Gondola Car Measures: 14 5/8 x 2 5/8 x 3 15/16"
- Gondola Car Operates On O-31 Curves
- Corrugated Auto Carrier Measures: 20 1/8" x 2 5/8" x 5 1/16"
- Corrugated Auto Carrier Operates On O-54 Curves

Corrugated Auto Carrier



Richmond Fredericksburg & Potomac - Corrugated Auto Carrier
20-98921 \$79.95

Tank Car



Godchaux Sugar - Tank Car
20-96234 \$59.95



Liquid Carbonic - Tank Car
20-96237 \$59.95

20K Gallon 4-Compartment Tank Car



Amoco - 20K Gallon 4-Compartment Tank Car
20-96230 \$64.95



Union Carbide - 20K Gallon 4-Compartment Tank Car
20-96231 \$64.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Decorative Brake Wheels
- Separate Metal Handrails
- Fast-Angle Wheel Sets
- Needle-Point Axles
- 1:48 Scale Dimensions
- O Scale Kadee Compatible Coupler Mounting Pads
- Tank Car Measures: 12" x 2 3/4" x 4 3/16"
- Tank Car Operates On O-27 Curves
- 20K Gallon 4-Compartment Tank Car Measures: 17 5/8" x 2 1/2" x 4"
- 20K Gallon 4-Compartment Tank Car Operates On O-42 Curves

Flat Car with 48' Trailer



Norfolk & Western - Flat Car with 48' Trailer
20-98928 \$69.95



Seaboard - Flat Car with 48' Trailer
20-98930 \$69.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Fast-Angle Wheel Sets
- Needle-Point Axles
- 1:48 Scale Dimensions
- Schnabel Flatcar Features Removable 1:43 Transformer Load
- Flat Car with Trailer Features (1) 48' Trailer
- Flat Car with Trailer Measures: 14 1/2" x 2 1/2" x 4 1/2"
- Flat Car with Trailer Operates On O-31 Curves
- Schnabel Flatcar Measures: 26 1/2" x 3 3/16" x 4 7/8"
- Schnabel Flatcar Operates On O-72 Curves

Schnabel Flatcar



New York Central - Schnabel Flatcar
20-98918 \$129.95



Westinghouse - Schnabel Flatcar
20-98917 \$129.95

Bobber Caboose



Southern - Bobber Caboose
20-91403 \$49.95



Canadian National - Bobber Caboose
20-91402 \$49.95

Lighted Interior!

Features

- Intricately Detailed Durable ABS Body
- Detailed Interior
- Metal Wheels and Axles
- Die-Cast 2-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Near-Scale Proportions
- Operating Interior Lighting
- Brakeman Figure
- O Scale Kadee Compatible Coupler Mounting Pads
- 1:48 Scale Dimensions
- Unit Measures: 6 5/8" x 2 5/8" x 3 1/2"
- Operates On O-27 Curves



New Haven - Bobber Caboose
20-91401 \$49.95



Chesapeake & Ohio - Bobber Caboose
20-91400 \$49.95

Steel Caboose



Great Northern - Steel Caboose
20-91397 \$69.95



Burlington Northern - Steel Caboose
20-91398 \$69.95



Norfolk & Western - Steel Caboose
20-91396 \$69.95



Canadian Pacific - Steel Caboose
20-91399 \$69.95

Features

- Intricately Detailed Durable ABS Body
- Detailed Interior
- Metal Wheels and Axles
- Die-Cast 2-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Near-Scale Proportions
- Operating Interior Lighting
- Brakeman Figure
- O Scale Kadee Compatible Coupler Mounting Pads
- 1:48 Scale Dimensions
- Measures: 10 1/4 x 2 1/2 x 4 1/4
- Operates On O-27 Curves

6-Car 40' AAR Box Car Set



Chicago & NorthWestern - 6-Car 40' AAR Box Car Set

20-90728 Nos. 80604, 80616, 80628, 80632, 80640, 80654 \$329.95

20-90729 Nos. 80606, 80612, 80624, 80638, 80642, 80650 \$329.95



Southern Pacific - 6-Car 40' AAR Box Car Set

20-90732 Nos. 97852, 97825, 97833, 97805, 97846, 97860 \$329.95

20-90733 Nos. 97858, 97822, 97835, 97803, 97847, 97864 \$329.95

6-Car 50' Ps-1 Box Car Sets



Canadian National - 6-Car 50' Ps-1 Box Car Set with Youngstown Door

20-90720 Nos. 417062, 417089, 417173, 417124, 417208, 417225 \$329.95

20-90721 Nos. 417065, 417082, 417175, 417120, 417203, 417229 \$329.95



British Columbia - 6-Car 50' Ps-1 Box Car Set with Pullman Standard Door

20-90718 Nos. 800740, 800736, 800729, 800752, 800795, 800788 \$329.95

20-90719 Nos. 800748, 800733, 800720, 800757, 800792, 800785 \$329.95

6-Car Coalporter Hopper Sets



Indiana Railroad - 6-Car Coalporter Hopper Car Set

20-90738 Nos. 1138, 1142, 1226, 1205, 1234, 1203 \$329.95

20-90739 Nos. 1139, 1143, 1207, 1230, 1202, 1235 \$329.95

Featuring Rotating Couplers!



CSX - 6-Car Coalporter Hopper Car Set

20-90736 Nos. 384380, 384386, 384392, 384395, 384363, 384369 \$329.95

20-90737 Nos. 386422, 386426, 386435, 386438, 386450, 386454 \$329.95

Featuring Rotating Couplers!

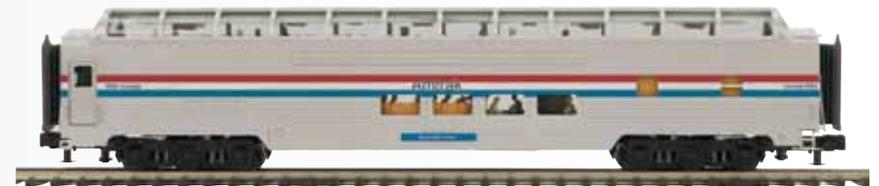
Passenger Cars



Amtrak - 5-Car 70' ABS Passenger Set (Ribbed)
20-65207 \$449.95



Amtrak - 2-Car 70' ABS Slpr/Diner Passenger Set (Ribbed)
20-66207 \$189.95



Amtrak - 70' ABS Full Length Vista Dome Passenger Car (Ribbed)
20-67207 \$99.95



Amtrak - 70' ABS RPO Passenger Car (Ribbed)
20-68207 \$99.95



Amtrak - 2-Car 70' ABS Baggage/Coach Passenger Set (Ribbed)
20-69207 \$189.95



Via Rail - 5-Car 70' ABS Passenger Set (Ribbed)
20-65208 \$449.95



Via Rail - 70' ABS RPO Passenger Car (Ribbed)
20-68208 \$99.95



Via Rail - 2-Car 70' ABS Baggage/Coach Passenger Set (Ribbed)
20-69208 \$189.95



Via Rail - 2-Car 70' ABS Slpr/Diner Passenger Set (Ribbed)
20-66208 \$189.95

Features

- Durable ABS Intricately Detailed Bodies
- Metal Wheels and Axles
- Overhead Interior Lighting
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- End-of-Car Diaphragms
- Separate Metal Handrails
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Kadee Compatible Coupler Mounting Pads*

- Detailed Car Interiors
- 10 Passenger Figures In Each Coach Car
- 1:48 Scale Dimensions
- Detailed Car Undercarriage
- Sliding Baggage Car Doors
- 5-Car Sets Feature: (1) Baggage, (2) Coaches, (1) Vista Dome, (1) Observation
- Unit Measures: 95" x 2 7/16" x 3 1/2"
- Operates On 0-42 Curves

* Except Full Length Vista



Via Rail - 70' ABS Full Length Vista Dome Passenger Car (Ribbed)
20-67208 \$99.95

**2-Rail Operator?
Convert Your Cars to 2-Rail - See Page 143**



Penn Central - 5-Car 70' ABS Passenger Set (Ribbed)
20-65209 \$449.95



Penn Central - 2-Car 70' ABS Slpr/Diner Passenger Set (Ribbed)
20-66209 \$189.95



Penn Central - 2-Car 70' ABS Baggage/Coach Passenger Set (Ribbed)
20-69209 \$189.95



Penn Central - 70' ABS RPO Passenger Car (Ribbed)
20-68209 \$99.95



Penn Central - 70' ABS Full Length Vista Dome Passenger Car (Ribbed)
20-67209 \$99.95



Santa Fe - 70' ABS RPO Passenger Car (Ribbed)
20-68211 \$99.95



Santa Fe - 70' ABS Full Length Vista Dome Passenger Car (Ribbed)
20-67211 \$99.95



Santa Fe - 2-Car 70' ABS Baggage/Coach Passenger Set (Ribbed)
20-69211 \$189.95



Santa Fe - 2-Car 70' ABS Slpr/Diner Passenger Set (Ribbed)
20-66211 \$189.95



Santa Fe - 5-Car 70' ABS Passenger Set (Ribbed)
20-65211 \$429.95



Denver Rio Grande - 70' ABS Full Length Vista Dome Passenger Car (Smooth)
20-67210 \$99.95



Denver Rio Grande - 2-Car 70' ABS Slpr/Diner Passenger Set (Smooth)
20-66210 \$189.95



Denver Rio Grande - 2-Car 70' ABS Baggage/Coach Passenger Set (Smooth)
20-69210 \$189.95



Denver Rio Grande - 70' ABS RPO Passenger Car (Smooth)
20-68210 \$99.95



Denver Rio Grande - 5-Car 70' ABS Passenger Set (Smooth)
20-65210 \$449.95

Passenger Cars



Southern Pacific Lines - 5-Car 70' ABS Passenger Set (Ribbed)
20-65217 \$449.95



Southern Pacific Lines - 2-Car 70' ABS Slpr/Diner Passenger Set (Ribbed)
20-66217 \$189.95



Southern Pacific Lines - 2-Car 70' ABS Baggage/Coach Passenger Set (Ribbed)
20-69217 \$189.95



Southern Pacific Lines - 70' ABS RPO Passenger Car (Ribbed)
20-68217 \$99.95



Southern Pacific Lines - 70' ABS Full Length Vista Dome Passenger Car (Ribbed)
20-67217 \$99.95



Southern Pacific - 70' ABS RPO Passenger Car (Ribbed)
20-68216 \$99.95



Southern Pacific - 70' ABS Full Length Vista Dome Passenger Car (Ribbed)
20-67216 \$99.95



Southern Pacific - 2-Car 70' ABS Slpr/Diner Passenger Set (Ribbed)
20-66216 \$189.95



Southern Pacific - 2-Car 70' ABS Baggage/Coach Passenger Set (Ribbed)
20-69216 \$189.95



Southern Pacific - 5-Car 70' ABS Passenger Set (Ribbed)
20-65216 \$449.95



Pennsylvania - 5-Car 70' ABS Passenger Set (Smooth)
20-65213 \$449.95



Pennsylvania - 2-Car 70' ABS Slpr/Diner Passenger Set (Smooth)
20-66213 \$189.95



Pennsylvania - 70' ABS Full Length Vista Dome Passenger Car (Smooth)
20-67213 \$99.95



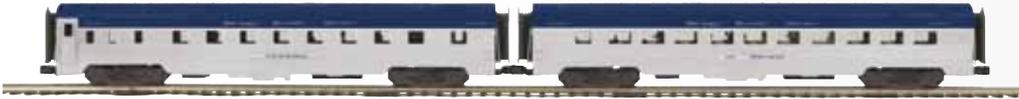
Pennsylvania - 70' ABS RPO Passenger Car (Smooth)
20-68213 \$99.95



Pennsylvania - 2-Car 70' ABS Baggage/Coach Passenger Set (Smooth)
20-69213 \$189.95



Nickel Plate Road - 5-Car 70' ABS Passenger Set (Ribbed)
20-65212 \$449.95



Nickel Plate Road - 2-Car 70' ABS Slpr/Diner Passenger Set (Ribbed)
20-66212 \$189.95



Nickel Plate Road - 70' ABS Full Length Vista Dome Passenger Car (Ribbed)
20-67212 \$99.95



Nickel Plate Road - 70' ABS RPO Passenger Car (Ribbed)
20-68212 \$99.95



Nickel Plate Road - 2-Car 70' ABS Baggage/Coach Passenger Set (Ribbed)
20-69212 \$189.95



New Haven - 2-Car 70' ABS Slpr/Diner Passenger Set (Ribbed)
20-66214 \$189.95



New Haven - 70' ABS RPO Passenger Car (Ribbed)
20-68214 \$99.95



New Haven - 70' ABS Full Length Vista Dome Passenger Car (Ribbed)
20-67214 \$99.95



New Haven - 2-Car 70' ABS Baggage/Coach Passenger Set (Ribbed)
20-69214 \$189.95



New Haven - 5-Car 70' ABS Passenger Set (Ribbed)
20-65214 \$449.95



Amtrak - 2-Car 70' ABS Slpr/Diner Passenger Set (Ribbed)
20-66215 \$189.95



Amtrak - 70' ABS Full Length Vista Dome Passenger Car (Ribbed)
20-67215 \$99.95



Amtrak - 70' ABS RPO Passenger Car (Ribbed)
20-68215 \$99.95



Amtrak - 2-Car 70' ABS Baggage/Coach Passenger Set (Ribbed)
20-69215 \$189.95

2013 European Lineup

Like our Premier Line American prototype locomotives and rolling stock, our European offerings bring a unique, unmatched variety of choices capable of running on 3-rail or 2-rail model railroads, regardless of which side of the pond one resides. And, although the European market is made up of O gauge models built to slightly different and slightly larger scales - 1:43.5 in England and France and 1:45 in the rest of Europe - than that found in the 1:48 scale of American O Gauge, Premier Line fans everywhere can be confident that any Premier Line model will run on their model railroad.

Many real-life European railroads, particularly in Britain, have a smaller maximum height than American railroads, so 1:43.5, 1:45 and 1:48 models will look and run fine with each other. To ensure compatibility with existing European models, our European models are built to the correct scales for their respective countries and delivered with both American and European NEM couplers.

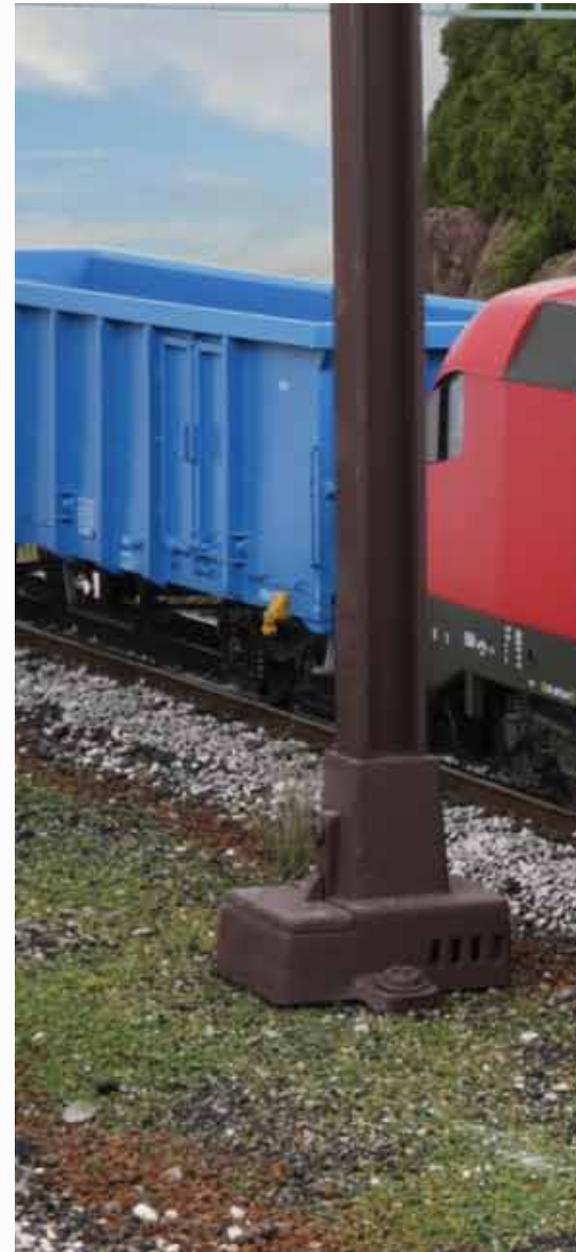
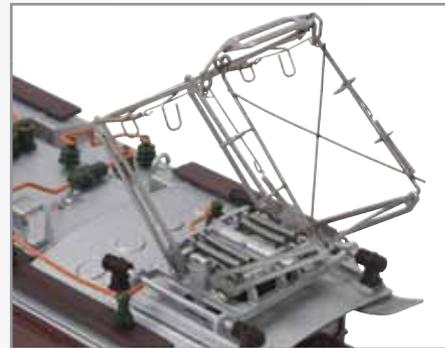
In addition to coming outfitted with European couplers, our European models, like our American prototypes, can be configured with Kadee couplers for those preferring the American standard scale coupler over the oversized O Gauge coupler or European type couplers. In addition,

European 2-rail models come equipped with NEM Fine Scale Wheels in accordance with European standards.

Outfitted with Proto-Sound 3.0, our European locomotives are DCC-equipped and often feature unique lighting effects that allow the operator to recreate locomotive lighting standards unique to their particular country. On some models, it's even possible to configure a locomotive for a specific country's lighting rules even if that locomotive ran through multiple countries.

Like the lighting effects, wherever possible, we've also included digital recordings of the actual European prototype to ensure that our locomotive sound effects are the most realistic you can find today, right down to the proper language in our Passenger Station, Freight Yard and Cab Chatter sound clips. Needless to say, you won't hear the clang of a bell, as European locomotives were not so equipped, but the shrill European whistles are sure to get noticed.

To learn more about our European offerings, including specific features and cab and car numbers and names visit our European website at www.mthtrains.com/europe





S 3/6 Express steam



Features

- Die-Cast Metal Chassis
- Authentic Paint Scheme
- Metal Wheels and Axles
- Constant Voltage Headlight
- Die-Cast Truck Sides
- Remote Controlled Proto-Coupler
- Engineer and Fireman Figures
- Operating Firebox Glow
- Metal Handrails
- Decorative Metal Whistle
- Operating Marker Lights
- Lighted Cab Interior
- Synchronized Puffing ProtoSmoke System
- Operating Tender Back-up Light
- Locomotive Speed Control In Scale MPH Increments
- Die-Cast Boiler and Chassis
- Die-Cast Tender Body
- Precision Flywheel Equipped Motor
- Wireless Drawbar
- NEM 310/311 Fine Scale Wheels*
- European NEM Fine Scale Couplers Included
- NEM 365 Coupler Pocket*
- NEM 362 Lenz® Compatible Coupler Included*
- CE Rated
- Sprung Buffers
- Built-in DCC Receiver
- 1:45 Scale Proportions
- Proto-Sound 3.0 With The Digital Command System Featuring Quillable Whistle With Passenger Station Proto-Effects
- Hi-Rail Wheels Operate On 0-54 Curves
- Scale Wheels Operate On 42" Radius Curves

* Scale Wheel Models Only



See It In Action At
www.mthtrains.com





KBayStsB - S 3/6 Express Steam Locomotive (Green/Red & Black w/Gold bands and white pin striping) with DCC/DCS Proto-Sound 3.0, Cab # 3634

| | | |
|-----------|----------------|-----------|
| 20-3399-1 | Hi-Rail Wheels | \$1195.95 |
| 20-3399-2 | Scale Wheels | \$1195.95 |

KBayStsB - S 3/6 Express Steam Locomotive (Blue/Black w/polished boiler bands) with DCC/DCS Proto-Sound 3.0, Cab # 3632

| | | |
|-----------|----------------|-----------|
| 20-3398-1 | Hi-Rail Wheels | \$1195.95 |
|-----------|----------------|-----------|



Add Matching Passenger Cars - See Page 128



KBayStsB - S 3/6 Express Steam Locomotive (Green/Black w/Gold Polished Bands & Green Wheels) with DCC/DCS Proto-Sound 3.0, Cab # 3624

| | | |
|-----------|----------------|-----------|
| 20-3400-1 | Hi-Rail Wheels | \$1195.95 |
| 20-3400-2 | Scale Wheels | \$1195.95 |

In 1871, Germany became the last major European country to unify, combining a hodgepodge of kingdoms and duchies. But it would be another 50 years before the 11 provincial railroads were nationalized into the German Imperial Railway Company (DRG, with the logo DR). In the meantime, each road continued to develop its own locomotive designs. One of the best was the Class S 3/6 of the Royal Bavarian State Railways (abbreviated K. Bay. Sts. B. in German).

Regarded by European enthusiasts as one of the most beautiful and successful of all steam locomotives, the Class S 3/6 ("S" for schnellzuglok, indicating an express passenger engine, and 3/6 to indicate 3 powered axles, 6 axles total) was built by A G Maffei beginning in 1908 and showcased the talent of that firm's chief designer, Heinrich Leppla. The stylish conical smokebox front of the S 3/6 was complemented by a handsome holly green paint scheme. Two inboard high pressure cylinders and two outboard low

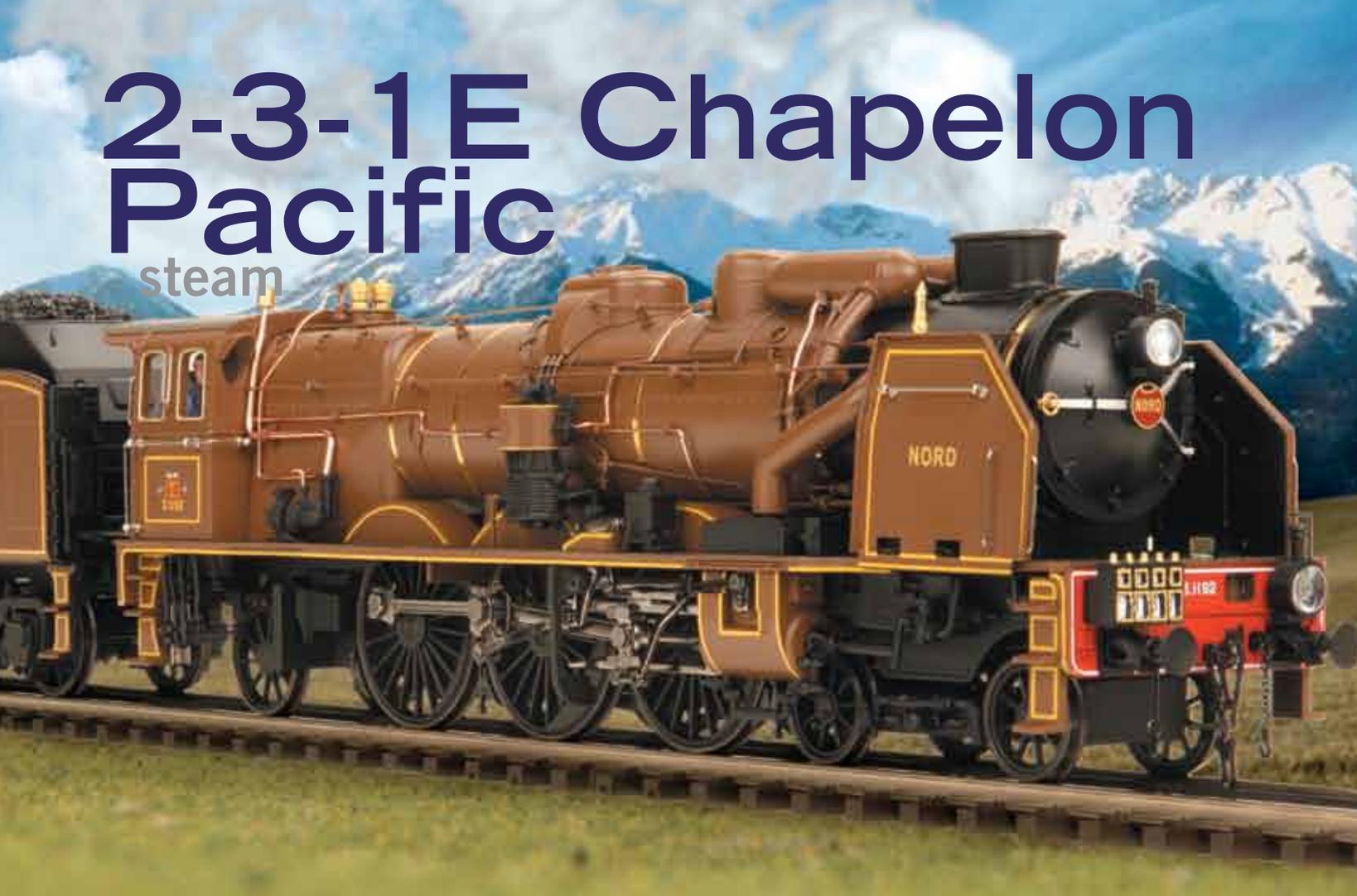
pressure cylinders drove the center axle. The S 3/6 was one of the first European engines to follow the American practice of casting the cylinders and smoke box saddle as one huge casting, which gave the engine a distinctive look. The majority of the class were fitted with 74" drivers to conquer Bavaria's mountainous terrain. A smaller group of S 3/6 engines, however, was built with 79" drivers for high-speed service on flatter routes and acquired the nickname "High Steppers."

After nationalization in 1920, the engines were painted in the black and red Deutsche Reichsbahn (DR) scheme and became classes 18.3 through 18.5. While the DR intended to develop new standard engines of its own, the S 3/6 was deemed so good that the DR continued to order new engines of this 1908 design through 1931. The relatively light axle loading of the S 3/6, 18 tons, was also a plus, as the DR was behind schedule in upgrading main lines to its new 20-ton standard. So successful were

the Bavarian Pacifics that they were chosen over more modern power to lead the glorious cream and blue Rheingold Express on part of its scenic route down the Rhine Valley, both before and after WWII. An S 3/6 could also be seen often on the point of the Orient Express.

Even after World War II, the aging engines continued to be great performers. A large number were modernized with new boilers and became the most economical steamers on the Deutsche Bundesbahn (DB), the new name for West Germany's railroad system. By the 1960s however, the S 3/6 class, which originally numbered 159 locomotives, had been retired, with a number of engines preserved in museums or in operating condition. This superbly detailed, smooth running model of one of Europe's favorite steam engines is offered in original Royal Bavarian paint schemes.

2-3-1E Chapelon Pacific steam



Features

- Die-Cast Boiler and Tender Body
- 1:43.5 Scale Proportions
- Die-Cast Metal Chassis
- Authentic Paint Scheme
- Metal Wheels and Axles
- Constant Voltage Headlight
- Die-Cast Truck Sides
- Precision Flywheel-Equipped Motor
- Engineer and Fireman Figures
- Operating Firebox Glow
- Metal Handrails
- Decorative Metal Whistle
- Lighted Cab Interior
- Locomotive Speed Control In Scale MPH Increments
- Proto-Scale 3-2 3-Rail/2-Rail Conversion Capable
- Synchronized Puffing ProtoSmoke System
- Wireless Drawbar
- Die-Cast Boiler and Tender Body
- 1:43.5 Scale Proportions
- Die-Cast Metal Chassis
- Authentic Paint Scheme
- Metal Wheels and Axles
- Constant Voltage Headlight
- Die-Cast Truck Sides
- Precision Flywheel Equipped Motor
- Engineer and Fireman Figures
- Operating Firebox Glow
- Metal Handrails and Decorative Bell
- Decorative Metal Whistle
- NEM 310/311 Standard Fine Scale Wheels*
- NEM 365 Coupler Pocket*
- NEM 362 Lenz® Compatible Coupler Included*
- European NEM Fine Scale Coupler
- CE Rated
- Sprung Buffers
- Built-In DCC Receiver
- Proto-Sound 3.0 With The Digital Command System Featuring Quillable Whistle With Passenger Station Proto-Effects
- Unit Measures: 23 1/4" x 2 5/8" x 4"
- Hi-Rail Wheels Operate on 0-42 Curves
- Scale Wheels Operate On 42" Radius Curves



* Scale Wheel Models Only

In the late 1800s, train travel across Europe was a messy affair. At each national border, passengers got off one train, walked across the border, and climbed aboard another. Like George Pullman in the United States, Belgian George Nagelmackers dreamed of something better: a rolling hotel in which travelers could sleep, eat, and relax from one end of their journey to the other. In 1883, the Orient Express made the dream a reality: a single train from Paris to Romania (and within a few years, from Paris to Istanbul), with rolling stock supplied by Nagelmackers' Compagnie Internationale des Wagons-Lits et Grandes Express Europeens ("wagon-lit" being French for sleeping car). Only the locomotives were changed as the Orient Express rolled across no less than seven national borders on its three-day journey.

From 1889 to 1977, with interruptions for two world wars, the Orient Express ran from Gare de l'Est station in Paris to Sirkeci Terminal on the Golden Horn, the gateway to Asia. After the 12-mile-long Simplon Tunnel was opened under the Alps, a second, more southerly route was added in 1919: the Simplon Orient Express via Milan, Venice, and Trieste. The train, of course, got caught up in the politics of the regions through which it ran and became a setting for international intrigue, mystery, and romance—more so in fiction than in fact. The Orient Express' screen credits include the James Bond film *From Russia With Love* and, most famously, movie and print versions of Agatha Christie's 1934 novel *Murder on the Orient Express*. The long, dark passage through the Simplon Tunnel, of course, has been a favorite setting for nefarious events.

Add a touch of color, mystery, and intrigue (but hopefully not murder) to your own railroad with our Chapelon Pacific (2-3-1E wheel arrangement in French parlance, which counts axles rather than wheels) that hauled the Orient Express from Paris to the French border in the period between the world wars — as well as the French section of the famed *Flèche d'Or* (Golden Arrow) between Calais and Paris. The sound set in this fully featured Premier model includes a European whistle and station announcements in English and French.



SNCF Green - 2-3-1 Chapelon Pacific Steam Engine with DCC/DCS Proto-Sound 3.0

- 20-3450-1 Hi-Rail Wheels \$1199.95
- 20-3450-2 Fine Scale Wheels \$1199.95



Nord Brown - 2-3-1 Chapelon Pacific Steam Engine with DCC/DCS Proto-Sound 3.0

- 20-3451-1 Hi-Rail Wheels \$1199.95
- 20-3451-2 Fine Scale Wheels \$1199.95

**Add Matching Passenger Cars
See Page 126**



SNCF Black - 2-3-1 Chapelon Pacific Steam Engine with DCC/DCS Proto-Sound 3.0

- 20-3449-1 Hi-Rail Wheels \$1199.95
- 20-3449-2 Fine Scale Wheels \$1199.95



See It In Action At
www.mthtrains.com

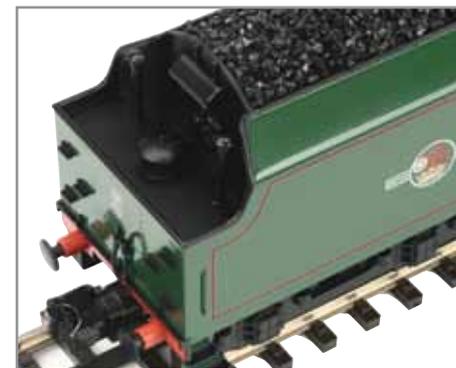
Duchess

steam



Features

- Die-Cast Boiler and Tender Body
- 1:43.5 Scale Proportions
- Die-Cast Metal Chassis
- Authentic Paint Scheme
- Metal Wheels and Axles
- Constant Voltage Headlight
- Die-Cast Truck Sides
- Real Coal Load
- Precision Flywheel Equipped Motor
- Remote Controlled Proto-Coupler™
- Engineer and Fireman Figures
- Operating Firebox Glow
- Metal Handrails
- Decorative Metal Whistle
- Lighted Cab Interior
- Locomotive Speed Control
- Proto-Scale 3-2™ 3-Rail/2-Rail Conversion Capable
- Synchronized Puffing ProtoSmoke™ System
- Sprung Buffers
- Wireless Drawbar
- Proto-Sound 2.0 With The Digital Command System Featuring Passenger Station Proto-Effects
- Unit Measures:
23 7/16" x 2 11/16" x 4 5/16"
- Operates On O-54 Curves



In the years before World War II, Londoners had at least two ways to get to Scotland in style. From Kings Cross, one could speed up the East Coast main to Edinburgh on the LNER's Flying Scotsman, behind one of Nigel Gresley's handsome Pacifics - perhaps a streamlined A4 or maybe an older, apple-green A3. Or one could depart instead from Euston station on the LMS and fly northward to Glasgow on the Coronation Scot or the Royal Scot behind the most powerful steam locomotives in the land, William Stanier's Princess Coronation Class 4-6-2's.

While the London, Midland & Scottish was the largest of England's four major railways, its motive power department had been hobbled by internal rivalries, a legacy from the several railways that combined in 1923 to form the LMS. Locomotive designer William Stanier, with a direct line to the president of the railroad, was hired in 1932 to resolve those problems. He brought the LMS from an also-ran to a leader in British engine design. Stanier's crowning achievement was the four-cylinder Princess Coronation Class Pacifics, built from 1937-1948. In contrast with American designers, who generally shunned engines with more than two cylinders as being too hard to maintain, Europeans often used three or four cylinders to produce a more balanced engine that was easier on the track. In Stanier's design, the Walschaert's valve gear on the outside cylinders also drove the valves on the inside cylinders, located within the frame, through a set of rocker arms.

To Stanier's chagrin, the first examples of the class wore a streamlined shroud to match the Coronation Scot train they were designed to haul. Various descriptions as an upside-down bathtub or a sausage, the streamlining was omitted on later engines in the class, revealing muscular lines that looked particularly handsome in LMS crimson lake livery with gilt lining. In the British tradition, all of these passenger engines were named. No. 6234, Duchess of Abercorn, set an all-time record for British steam when she recorded 3,300 horsepower in February 1939.

Relive the glory days of LMS express passenger service with our superbly detailed Princess Coronation Class Pacific, complete with sounds recorded from the prototype Duchess of Sutherland, synchronized puffing smoke with prototypically correct chuffs per driver revolution, and station sounds for the Royal Scot.

Learn more about it: search on the item number for this model on the M.T.H. Web site for links to additional information on this locomotive and prototype British railroading.



British Railways - Duchess Class Steam Engine w/Proto-Sound 2.0 (Hi-Rail Wheels)
20-3371-1 46234 Duchess of Athol \$1199.95

Add Matching Passenger Sets - See Page 126



British Railways - Duchess Class Steam Engine w/Proto-Sound 2.0 (Hi-Rail Wheels)
20-3367-1 46230 Duchess of Buccleuch \$1199.95



British Railways - Duchess Class Steam Engine w/Proto-Sound 2.0 (Hi-Rail Wheels)
20-3369-1 46234 Duchess of Abercorn \$1199.95

Did You Know?

The Railways Act of 1921 mandated the merger of Britain's myriad railways into four companies in 1923: the London, Midland & Scottish Railway (LMS), the London & North Eastern Railway (LNER), the Great Western Railway (GWR), and the Southern Railway (SR). In 1948, these four companies were nationalized to form British Railways.

See It In Action At
www.mthtrains.com



Taurus ES-64

electric



Features

- Directionally Controlled Headlights
- Intricately Detailed ABS Body
- Metal Wheels, Axles and Gears
- Die-Cast Truck Sides, Pilots and Fuel Tank
- (2) Remotely Controlled Proto-Couplers
- Colorful Paint Scheme
- Metal Chassis
- Metal Handrails and Decorative Horn
- (2) Precision Flywheel-Equipped Motors
- Locomotive Speed Control In Scale MPH Increments
- Proto-Scale 3-2 3-Rail/2-Rail Conversion Capable
- Lighted Cab Interior
- (2) Engineer Cab Figures
- Metal Body Side Grilles
- NEM 310/311 Standard Fine Scale Wheels*
- NEM 365 Coupler Pocket*
- NEM 362 Lenz® Compatible Coupler Included*
- European NEM Fine Scale Couplers Included
- Sprung Bumpers
- (2) Motorized (Inside) Pantographs
- LED Lighting Effects
- On Board DCC Receiver
- 1:45 Scale Proportions
- Proto-Sound 3.0 With The Digital Command System
- Featuring: Freight Yard Proto-Effects
- Unit Measures: 16 3/8" x 2 1/2" x 3 3/8"
- Hi-Rail Wheels Operate On 0-72 Curves
- Scale Wheels Operate On 42" Radius Curves

* Scale Wheel Models Only



Introduced to the European market in 2000, the Taurus ES 64 U2 Electric was developed as a universal electric locomotive, topping out at a speed of 230km/h. This multipurpose engine has become one of the most influential representatives of Dispolok GmbH, a Siemens Transportation System subsidiary, making leasing options available to a host of different rail operators.

Thanks to liberalization, the freight market had created the ability for anyone to start their own rail company, thus increasing competition and dropping prices. Leasing thrived as the market for cheaper secondhand vehicles expanded. Due to this increase, Siemens came up with an appealing alternative for operators-allowing them to lease the newest, most state-of-the-art locomotives on a flexible basis.



InRail - Taurus III ES-64-U4 Electric Engine

| | | |
|-----------|--------------------------|----------|
| 20-5657-1 | Hi-Rail Wheels | \$449.95 |
| 20-5657-2 | Scale Wheels | \$499.95 |
| 20-5657-3 | Non-Powered | \$219.95 |
| 20-5657-6 | Non-Powered Scale Wheels | \$249.95 |



Hupac - Taurus ES-64-U2 Electric Engine

| | | |
|-----------|--------------------------|----------|
| 20-5650-1 | Hi-Rail Wheels | \$449.95 |
| 20-5650-2 | Scale Wheels | \$499.95 |
| 20-5650-3 | Non-Powered | \$219.95 |
| 20-5650-6 | Non-Powered Scale Wheels | \$249.95 |

**Each Model Available In Prototypical Cab Numbers
Visit www.mthtrains.com/europe To Learn More**

CargoServ - Taurus III ES-64-U4 Electric Engine

| | | |
|-----------|--------------------------|----------|
| 20-5658-1 | Hi-Rail Wheels | \$449.95 |
| 20-5658-2 | Scale Wheels | \$499.95 |
| 20-5658-3 | Non-Powered | \$219.95 |
| 20-5658-6 | Non-Powered Scale Wheels | \$249.95 |



 See It In Action At
www.mthtrains.com

Taurus ES-64

electric

Dispolok.com - Taurus ES-64-U2 Electric Engine

| | | |
|-----------|--------------------------|----------|
| 20-5649-1 | Hi-Rail Wheels | \$449.95 |
| 20-5649-2 | Scale Wheels | \$499.95 |
| 20-5649-3 | Non-Powered | \$219.95 |
| 20-5649-6 | Non-Powered Scale Wheels | \$249.95 |



OBB - Taurus ES-64-U2 Electric Engine

| | | |
|-----------|--------------|----------|
| 20-5652-2 | Scale Wheels | \$499.95 |
| 20-5652-3 | Non-Powered | \$219.95 |

DB Railion - Taurus ES-64-U2 Electric Engine

| | | |
|-----------|--------------------------|----------|
| 20-5651-1 | Hi-Rail Wheels | \$449.95 |
| 20-5651-2 | Scale Wheels | \$499.95 |
| 20-5651-3 | Non-Powered | \$219.95 |
| 20-5651-6 | Non-Powered Scale Wheels | \$249.95 |





Add Matching 6-Car Freight Sets - See Page 122-125

Arriva - Taurus III ES-64-U4 Electric Engine

| | | |
|-----------|--------------------------|----------|
| 20-5659-1 | Hi-Rail Wheels | \$449.95 |
| 20-5659-2 | Scale Wheels | \$499.95 |
| 20-5659-3 | Non-Powered | \$219.95 |
| 20-5659-6 | Non-Powered Scale Wheels | \$249.95 |



Train of Ideas (RTS) - Taurus III ES-64-U4 Electric Engine

| | | |
|-----------|--------------------------|----------|
| 20-5660-1 | Hi-Rail Wheels | \$449.95 |
| 20-5660-2 | Scale Wheels | \$499.95 |
| 20-5660-3 | Non-Powered | \$219.95 |
| 20-5660-6 | Non-Powered Scale Wheels | \$249.95 |

TRAXX

electric



Features

- Directionally Controlled Headlights
- Intricately Detailed ABS Body
- Metal Wheels, Axles and Gears
- Die-Cast Truck Sides, Pilots and Fuel Tank
- Colorful Paint Scheme
- Metal Chassis
- Metal Handrails and Decorative Horn
- (2) Precision Flywheel-Equipped Motors
- Locomotive Speed Control In Scale MPH Increments
- Proto-Scale 3-2 3-Rail/2-Rail Conversion Capable
- Lighted Cab Interior
- (2) Engineer Cab Figures
- Metal Body Side Grilles
- NEM 310/311 Standard Fine Scale Wheels*
- NEM 365 Coupler Pocket*
- NEM 362 Lenz® Compatible Coupler Included*
- European NEM Fine Scale Couplers Included
- Sprung Bumpers
- (2) Motorized (Inside) Pantographs
- LED Lighting Effects
- On Board DCC Receiver
- 1:45 Scale Proportions
- Proto-Sound 3.0 With The Digital Command System Featuring: German Speaking Passenger Station Proto-Effects
- Hi-Rail Wheels Operate On O-72 Curves
- Scale Wheels Operate On 42" Radius Curves

* Scale Wheel Models Only



Since the dawn of the Orient Express in 1883, Europeans have dreamed of a rail network that would transcend national borders. For more than a century, the best that that could be accomplished was the handoff of passenger or freight consists from one national rail system to another, usually stopping at the border to change motive power. Even when most of the continent went to overhead wires to supply motive power, voltage and current were often different from one country to another. Today, however, all that is changing. Sporting service names like "EuroCity" and slogans like "Connecting Europe," electric engines glide seamlessly and swiftly across borders, and carriers offer freight and passenger services that span many nations.

With locomotive and car manufacturing facilities on four continents, Bombardier has emerged as a leader in the manufacture of equipment for these multinational rail carriers. Starting with electric locomotive technology developed by German firm Adtranz, which Bombardier acquired in 2001, Bombardier developed the TRAXX family of electric and diesel locomotives for service across Europe. TRAXX electrics feature modular construction and can be configured to run on multiple voltages and both AC and DC. Leading purchasers have included freight carriers with multinational networks, including Cargo, the freight division of the Swiss Federal Railways that runs through Germany, Switzerland, and Italy, and Railion, which spans Denmark, the Netherlands, Germany, Switzerland, and Italy.

The TRAXX electric offers a near-perfect combination of speed, safety, and practicality. Its streamlined shape is designed for aerodynamics but also for economical construction, being composed almost entirely of flat surfaces. The ends are raked at an angle that slices through the air - but a steeper, more streamlined angle was avoided in order to minimize air turbulence between the engine and the following car. The controls, of course, are fully computerized with myriad safety systems. With up to 800 horsepower being delivered to each of its eight wheels, wheelslip control on the TRAXX was mandatory. Another system automatically ensures adherence to speed restrictions and trackside signals.

But the most practical feature of the TRAXX electric has nothing to do with speed or safety. It turns out the engine's smooth, flat sides make a perfect rolling billboard, either for publicizing the owner or selling ad space for additional revenue. The most complex images can be printed on a heavy plastic foil and applied neatly to the engine, and changed easily when necessary. Passenger engines based on the same platform have carried graphics publicizing rock musicals, vacation destinations, and even UNICEF.

Each Model Available In
Prototypical Cab Numbers
Visit www.mthtrains.com/europe
To Learn More



Connecting Europe - TRAXX F140 AC-1 Electric Engine

| | | |
|-----------|----------------------------|----------|
| 20-5654-1 | Hi-Rail Wheels | \$449.95 |
| 20-5654-2 | Scale Wheels | \$499.95 |
| 20-5654-3 | Non-Powered Hi-Rail Wheels | \$219.95 |
| 20-5654-6 | Non-Powered Scale Wheels | \$229.95 |



**Operating,
Motorized
Pantographs**

Cargo - TRAXX F140 AC-1 Electric Engine

| | | |
|-----------|----------------------------|----------|
| 20-5653-1 | Hi-Rail Wheels | \$449.95 |
| 20-5653-2 | Scale Wheels | \$499.95 |
| 20-5653-3 | Non-Powered Hi-Rail Wheels | \$219.95 |
| 20-5653-6 | Non-Powered Scale Wheels | \$229.95 |

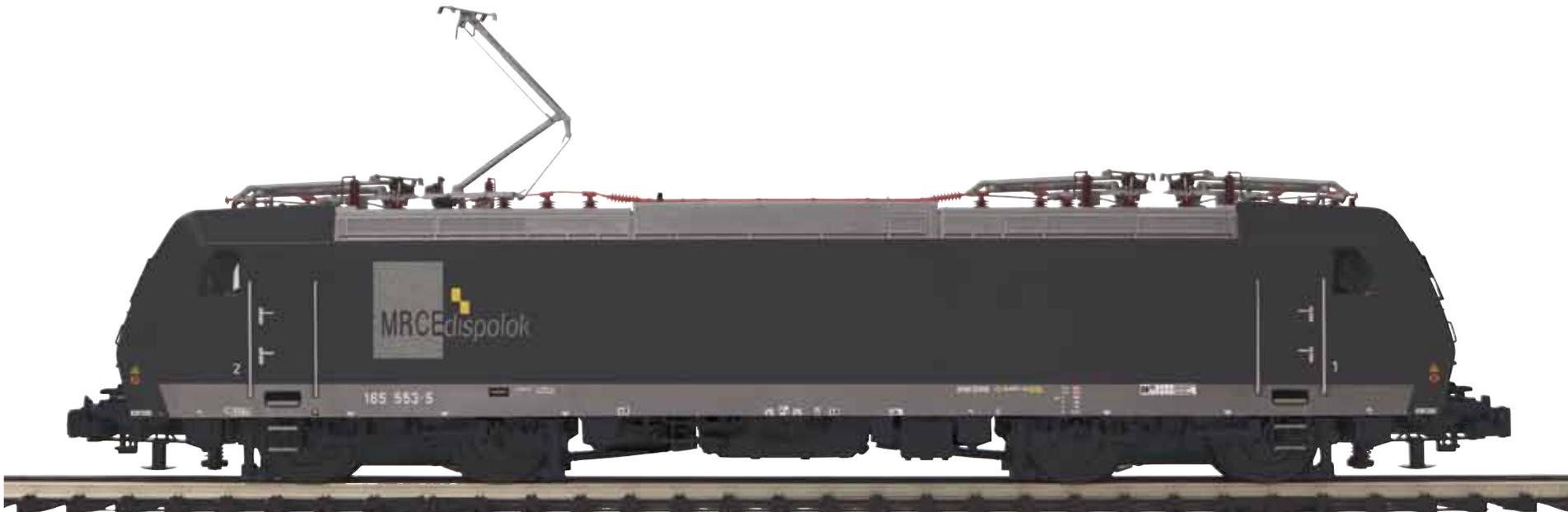


Railion - TRAXX F140 AC-1 Electric Engine

| | | |
|-----------|----------------------------|----------|
| 20-5656-1 | Hi-Rail Wheels | \$449.95 |
| 20-5656-2 | Scale Wheels | \$499.95 |
| 20-5656-3 | Non-Powered Hi-Rail Wheels | \$219.95 |
| 20-5656-6 | Non-Powered Scale Wheels | \$229.95 |



See It In Action At
www.mthtrains.com



MRCE dispolok - TRAXX F140 AC-1 Electric Engine

| | | |
|-----------|----------------------------|----------|
| 20-5655-1 | Hi-Rail Wheels | \$449.95 |
| 20-5655-2 | Scale Wheels | \$499.95 |
| 20-5655-3 | Non-Powered Hi-Rail Wheels | \$219.95 |
| 20-5655-6 | Non-Powered Scale Wheels | \$229.95 |



Railion European - TRAXX F140 AC1 Electric Engine

| | | |
|-----------|----------------|----------|
| 20-5634-1 | Hi-Rail Wheels | \$449.95 |
| 20-5634-2 | Scale Wheels | \$499.95 |
| 20-5634-3 | Non-Powered | \$219.95 |



**Veolia Transport Germany
TRAXX P160 AC2 Electric Engine**
 20-5633-1 Hi-Rail Wheels \$449.95
 20-5633-2 Scale Wheels \$499.95

**Add Matching
6-Car Freight Sets
See Page 122-125**

**SBB Cargo Switzerland
TRAXX F140 AC2 Electric Engine**
 20-5632-2 Scale Wheels \$499.95
 20-5632-3 Non-Powered \$219.95



**CrossRail
TRAXX P140 AC2 Electric Engine**
 20-5648-1 Hi-Rail Wheels \$449.95
 20-5648-2 Scale Wheels \$499.95



Crocodile

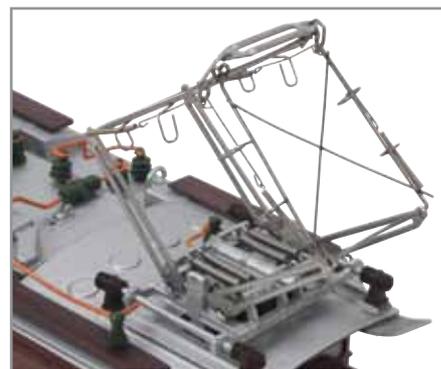
electric



Features

- Directionally Controlled Headlights
- Metal Wheels, Axles and Gears
- Die-Cast Truck Sides, Pilots and Fuel Tank
- (2) Remotely Controlled Proto-Couplers
- Colorful Paint Scheme
- Metal Chassis
- Metal Handrails and Decorative Horn
- (2) Precision Flywheel-Equipped Motors
- Locomotive Speed Control In Scale MPH Increments
- Proto-Scale 3-2 3-Rail/2-Rail Conversion Capable
- Lighted Cab Interior
- (2) Engineer Cab Figures
- Metal Body Side Grilles
- European NEM Fine Scale Couplers Included
- NEM 310/311 Fine Scale Wheels*
- NEM 365 Coupler Pocket*
- NEM 362 Lenz® Compatible Coupler Included*
- Sprung Bumpers
- (2) Motorized Pantographs
- LED Lighting Effects
- On Board DCC Receiver
- 1:45 Scale Proportions
- Proto-Sound 3.0 With The Digital Command System Featuring German Speaking Passenger Station Proto-Effects
- Hi-Rail Wheels Operate On 0-54 Curves
- Scale Wheels Operate On 36" Radius Curves

* Scale Wheel Models Only





Tuscan and Black - Ce 6/8 II Crocodile Electric Engine

| | | |
|-----------|----------------|----------|
| 20-5667-1 | Hi-Rail Wheels | \$899.95 |
| 20-5667-2 | Scale Wheels | \$899.95 |

Operating,
Motorized
Pantographs

Add Matching 6-Car Freight Sets - See Page 118-121

Dark Green and Gray - Ce 6/8 II Crocodile Electric Engine

| | | |
|-----------|----------------|----------|
| 20-5668-1 | Hi-Rail Wheels | \$899.95 |
| 20-5668-2 | Scale Wheels | \$899.95 |



See It In Action At
www.mthtrains.com

In a country famous for mountain railroading, the Gotthard route is the greatest challenge, the one by which the Swiss Federal Railways measures its locomotives. Constructed at a cost of more than 200 lives, the Gotthard line snakes its way around spiral tunnels, across more than a thousand bridges and open passages, and through narrow mountain valleys, culminating in a 2.6% climb to the 9-mile-long Goddard Tunnel — the longest in the world when it was opened in 1882. The Gotthard was the stomping ground for the 2-10-0 “Elephants,” the largest steam engines ever used in Switzerland. But when the decision was made to electrify the route, the Elephants were replaced by Crocodiles.

To conquer the Gotthard’s tight turns and steep grades, Swiss Locomotive and Machine Works (SLM) designed a freight locomotive in three articulated sections: a double-ended center section housing two engineer’s stations, twin pantographs, and the huge high voltage transformer; and two end sections, each with two electric motors powering a single jackshaft that transmitted power to the 53” drivers, using steam-locomotive-type drive rods. The jackshaft drive was dictated by the motors available at the time,

which were too large to be truck-mounted as in later designs. The nickname “crocodile” (krokodil in German) arose from the engine’s long articulated “snouts.”

In the 33 first-generation engines built in 1919–21, the powered jackshaft drove a main rod that was connected to both the first set of drivers and a second idler jackshaft. The 18 second-generation crocodiles, built in 1925–26, used a simpler arrangement with the powered jackshaft driving a main rod connected to the third set of drivers. In Swiss parlance, the two generations of engines were designated Ce 6/8II and Ce 6/8III (C for their speed range, maximum 40 mph (“A” being the fastest); e for electric; 6 indicating 6 driven axles; 8 signifying 8 axles total). Many were upgraded in the 1940s and ‘50s, raising their top speed to 47 mph and changing their class designation to Be 6/8. All crocodiles were delivered in brown paint, but many were later repainted green. Initial practice was to run with both pantographs raised, but some engines were later refitted with improved pans that allowed single-pantograph operation. The hugely successful Crocodiles ruled the Gotthard route into the 1950s, when they were displaced by newer power.

Many worked into the 1970s on less strenuous routes and switching, and several have been preserved.

For American modelers, the Crocodile is perhaps the single most recognizable European locomotive, having been imported as a Märklin model in several scales since the 1930s. Like the Lionel Santa Fe F3, the Märklin HO Crocodile was a top of the line model that many boys of the 1950s and ‘60s dreamed of, but few actually owned. If you were one of those boys (or even if you weren’t), this new Premier model offers the chance to own the most detailed, smoothest running O gauge model of this iconic mountain goat ever made, available in both the original dual-jackshaft version and the later single-jackshaft style.

Did You Know?

The Gotthard Base Tunnel, currently under construction, will bore through the Alps at nearly ground level, almost 2000 feet below the existing Gotthard Tunnel. The new high-speed route will feature the world’s longest tunnel (35.4 miles) when it opens around 2018.

European Bierwagen

reefer



Brauerei Warteck Basel - European Bierwagen (Reefer Car)

20-99041 Hi-Rail Wheels \$69.95
22-99041 Fine Scale Wheels \$69.95

Brauerei Warteck Basel - 6-Car European Bierwagen (Reefer) Set

20-90940 Hi-Rail Wheels \$389.95
22-90940 Fine Scale Wheels \$389.95



Schützengarten - European Bierwagen (Reefer Car)

20-99043 Hi-Rail Wheels \$69.95
22-99043 Fine Scale Wheels \$69.95

Schützengarten - 6-Car European Bierwagen (Reefer) Set

20-90942 Hi-Rail Wheels \$389.95
22-90942 Fine Scale Wheels \$389.95



Maggi - European Kühlwagen für Nahrungsmittel (Reefer)

20-99042 Hi-Rail Wheels \$69.95
22-99042 Fine Scale Wheels \$69.95

Maggi - 6-Car European Kühlwagen für Nahrungsmittel Set

20-90941 Hi-Rail Wheels \$389.95
22-90941 Fine Scale Wheels \$389.95



Bierbrauerei Falken - European Bierwagen (Reefer Car)

20-99044 Hi-Rail Wheels \$69.95
22-99044 Fine Scale Wheels \$69.95

Bierbrauerei Falken - 6-Car European Bierwagen (Reefer) Set

20-90943 Hi-Rail Wheels \$389.95
22-90943 Fine Scale Wheels \$389.95



Brasserie du Cardinal - European Bierwagen (Reefer Car)

20-99002 Hi-Rail Wheels \$69.95

20-99006 Fine Scale Wheels \$69.95

Brasserie du Cardinal - 6-Car European Bierwagen (Reefer Car) Set

20-90905 Fine Scale Wheels \$389.95



Feldschloesschen - European Bierwagen (Reefer Car)

20-99004 Hi-Rail Wheels \$69.95

20-99008 Fine Scale Wheels \$69.95

Feldschloesschen - 6-Car European Bierwagen (Reefer Car) Set

20-90903 Hi-Rail Wheels \$389.95

20-90907 Fine Scale Wheels \$389.95



Brauerei Loewengarten - European Bierwagen (Reefer Car)

20-99003 Hi-Rail Wheels \$69.95

20-99007 Fine Scale Wheels \$69.95

Brauerei Loewengarten - 6-Car European Bierwagen (Reefer Car) Set

20-90902 Hi-Rail Wheels \$389.95

20-90906 Fine Scale Wheels \$389.95



Biere Beauregard - European Bierwagen (Reefer Car)

20-99001 Hi-Rail Wheels \$69.95

20-99005 Fine Scale Wheels \$69.95

Biere Beauregard - 6-Car European Bierwagen (Reefer Car) Set

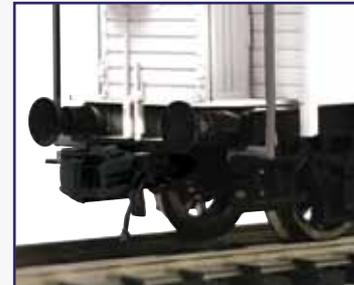
20-90900 Hi-Rail Wheels \$389.95

20-90904 Fine Scale Wheels \$389.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 2-Wheel Trucks
- Operating Die-Cast Metal Couplers (Hi-Rail Only)
- Colorful, Attractive Paint Schemes
- Fast-Angle Hi-Rail Wheel Sets
- Needle-Point Axles
- 1:45 Scale Dimensions
- O Scale Kadee® Compatible Coupler Mounting Pads
- Sprung Bumpers
- European NEM Fine Scale Couplers Included*
- NEM 365 Coupler Pocket*
- NEM 362 Lenz® Compatible Coupler Included*
- Hi-Rail Wheels Operate On O-31 Curves
- NEM 310/311 Standard Fine Scale Wheels Operate On 31" Radius Curves

* Scale Wheel Models Only



European Gedeckter Guterwagen

box car



SBB CFF - European Gedeckter Guterwagen (Box Car)

20-99045 Hi-Rail Wheels \$69.95

22-99045 Fine Scale Wheels \$69.95

SBB CFF - 6-car European Gedeckter Guterwagen (Box Car) Set

20-90944 Hi-Rail Wheels \$389.95

22-90944 Fine Scale Wheels \$389.95



SBB CFF - European Gedeckter Guterwagen (Box Car)

20-99046 Hi-Rail Wheels \$69.95

22-99046 Fine Scale Wheels \$69.95

SBB CFF - 6-car European Gedeckter Guterwagen (Box Car) Set

20-90945 Hi-Rail Wheels \$389.95

22-90945 Fine Scale Wheels \$389.95



SBB CFF - European Gedeckter Guterwagen (Box Car)

20-99047 Hi-Rail Wheels \$69.95

22-99047 Fine Scale Wheels \$69.95

SBB CFF - 6-car European Gedeckter Guterwagen (Box Car) Set

20-90946 Hi-Rail Wheels \$389.95

22-90946 Fine Scale Wheels \$389.95



SBB CFF - European Gedeckter Guterwagen (Box Car)

20-99048 Hi-Rail Wheels \$69.95

22-99048 Fine Scale Wheels \$69.95

SBB CFF - 6-car European Gedeckter Guterwagen (Box Car) Set

20-90947 Hi-Rail Wheels \$389.95

22-90947 Fine Scale Wheels \$389.95



SBB-CFF - European Gedeckter Guterwagen (Box Car)

20-99012 Hi-Rail Wheels \$69.95
 20-99016 Fine Scale Wheels \$69.95

SBB-CFF - 6-Car European Gedeckter Guterwagen (Box Car) Set

20-90912 Fine Scale Wheels \$389.95



SBB-CFF - European Gedeckter Guterwagen (Box Car)

20-99011 Hi-Rail Wheels \$69.95
 20-99015 Fine Scale Wheels \$69.95

Sihital Zurich Uetliberg Bahn - 6-Car European Gedeckter Guterwagen (Box Car) Set

20-90913 Fine Scale Wheels \$389.95



SBB-CFF - European Gedeckter Guterwagen (Box Car)

20-99010 Hi-Rail Wheels \$69.95
 20-99014 Fine Scale Wheels \$69.95

SBB-CFF - 6-Car European Gedeckter Guterwagen (Box Car) Set

20-90915 Fine Scale Wheels \$389.95



SBB-CFF - European Gedeckter Guterwagen (Box Car)

20-99009 Hi-Rail Wheels \$69.95

SBB-CFF - 6-Car European Gedeckter Guterwagen (Box Car) Set

20-90914 Fine Scale Wheels \$389.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 2-Wheel Trucks
- Operating Die-Cast Metal Couplers (Hi-Rail Only)
- Colorful, Attractive Paint Schemes
- Fast-Angle Wheel Sets
- Needle-Point Axles
- 1:45 Scale Dimensions
- O Scale Kadee® Compatible Coupler Mounting Pads
- Sprung Bumpers
- European NEM Fine Scale Couplers Included*
- NEM 365 Coupler Pocket*
- NEM 362 Lenz® Compatible Coupler Included*
- Hi-Rail Wheels Operate On 0-31 Curves
- NEM 310/311 Standard Fine Scale Wheels Operate On 31" Radius Curves

* Scale Wheel Models Only



European Modern Kesselwagen

tank car



Wascosa Petroplus - European Modern Kesselwagen (Tank Car)

20-99033 Hi-Rail Wheels \$79.95
 22-99033 Fine Scale Wheels \$79.95

Wascosa Petroplus - 6-Car European Modern Kesselwagen (Tank Car) Set

20-90932 Hi-Rail Wheels \$439.95
 22-90932 Fine Scale Wheels \$439.95



VTG - European Modern Kesselwagen (Tank Car)

20-99034 Hi-Rail Wheels \$79.95
 22-99034 Fine Scale Wheels \$79.95

VTG - 6-Car European Modern Kesselwagen (Tank Car) Set

20-90933 Hi-Rail Wheels \$439.95
 22-90933 Fine Scale Wheels \$439.95



Jet - European Modern Kesselwagen (Tank Car)

20-99035 Hi-Rail Wheels \$79.95
 22-99035 Fine Scale Wheels \$79.95

Jet - 6-Car European Modern Kesselwagen (Tank Car) Set

20-90934 Hi-Rail Wheels \$439.95
 22-90934 Fine Scale Wheels \$439.95



Shell - European Modern Kesselwagen (Tank Car)

20-99036 Hi-Rail Wheels \$79.95
 22-99036 Fine Scale Wheels \$79.95

Shell - 6-Car European Modern Kesselwagen (Tank Car) Set

20-90935 Hi-Rail Wheels \$439.95
 22-90935 Fine Scale Wheels \$439.95



BP - European Modern Kesselwagen (Tank Car)

- 20-99017 Hi-Rail Wheels \$79.95
- 20-99021 Fine Scale Wheels \$79.95

BP - 6-Car European Modern Kesselwagen (Tank Car) Set

- 20-90916 Hi-Rail Wheels \$439.95
- 20-90920 Fine Scale Wheels \$439.95



Wascosa - European Modern Kesselwagen (Tank Car)

- 20-99019 Hi-Rail Wheels \$79.95



Wascosa OMV - European Modern Kesselwagen (Tank Car)

- 20-99020 Hi-Rail Wheels \$79.95
- 20-99024 Fine Scale Wheels \$79.95

Wascosa OMV - 6-Car European Modern Kesselwagen (Tank Car) Set

- 20-90919 Hi-Rail Wheels \$439.95



GATX - European Modern Kesselwagen (Tank Car)

- 20-99018 Hi-Rail Wheels \$79.95
- 20-99022 Fine Scale Wheels \$79.95

GATX - 6-Car European Modern Kesselwagen (Tank Car) Set

- 20-90917 Hi-Rail Wheels \$439.95
- 20-90921 Fine Scale Wheels \$439.95



Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 2-Wheel Trucks
- Operating Die-Cast Metal Couplers (Hi-Rail Only)
- Colorful, Attractive Paint Schemes
- Fast-Angle Hi-Rail Wheel Sets
- Needle-Point Axles
- 1:45 Scale Dimensions
- O Scale Kadee® Compatible Coupler Mounting Pads
- Sprung Bumpers
- European NEM Fine Scale Couplers Included*
- NEM 365 Coupler Pocket*
- NEM 362 Lenz® Compatible Coupler Included*
- Hi-Rail Wheels Operate On O-31 Curves
- NEM 310/311 Standard Fine Scale Wheels Operate On 31" Radius Curves

* Scale Wheel Models Only

European Modern Offener Guterwagen

gondola car



DB Cargo - European Modern Offener Guterwagen (Gondola Car)

20-99037 Hi-Rail Wheels \$79.95
22-99037 Fine Scale Wheels \$79.95

DB Cargo - 6-Car European Modern Offener Guterwagen (Gondola Car) Set

20-90936 Hi-Rail Wheels \$439.95
22-90936 Fine Scale Wheels \$439.95



DB - European Modern Offener Guterwagen (Gondola Car)

20-99039 Hi-Rail Wheels \$79.95
22-99039 Fine Scale Wheels \$79.95

DB - 6-Car European Modern Offener Guterwagen (Gondola Car) Set

20-90938 Hi-Rail Wheels \$439.95
22-90938 Fine Scale Wheels \$439.95



OBB Rail Cargo Austria - European Modern Offener Guterwagen (Gondola Car)

20-99040 Hi-Rail Wheels \$79.95
22-99040 Fine Scale Wheels \$79.95

OBB Rail Cargo Austria - 6-Car European Modern Offener Guterwagen (Gondola Car) Set

20-90939 Hi-Rail Wheels \$439.95
22-90939 Fine Scale Wheels \$439.95



SBB CFF - European Modern Offener Guterwagen (Gondola Car)

20-99038 Hi-Rail Wheels \$79.95
22-99038 Fine Scale Wheels \$79.95

SBB CFF - 6-Car European Modern Offener Guterwagen (Gondola Car) Set

20-90937 Hi-Rail Wheels \$439.95
22-90937 Fine Scale Wheels \$439.95



DB Cargo - European Modern Offener Guterwagen (Gondola Car)

- 20-99025 Hi-Rail Wheels \$79.95
- 20-99029 Fine Scale Wheels \$79.95

DB Cargo - 6-Car European Modern Offener Guterwagen (Gondola Car) Set

- 20-90928 Fine Scale Wheels \$439.95



Railion - European Modern Offener Guterwagen (Gondola Car)

- 20-99027 Hi-Rail Wheels \$79.95
- 20-99031 Fine Scale Wheels \$79.95

Railion - 6-Car European Modern Offener Guterwagen (Gondola Car) Set

- 20-90930 Fine Scale Wheels \$439.95



Niederlandischen Eisenbahnen - European Modern Offener Guterwagen (Gondola Car)

- 20-99026 Hi-Rail Wheels \$79.95
- 20-99030 Fine Scale Wheels \$79.95

Niederlandischen Eisenbahnen - 6-Car European Modern Offener Guterwagen (Gondola Car) Set

- 20-90929 Fine Scale Wheels \$439.95



SBB-CFF - European Modern Offener Guterwagen (Gondola Car)

- 20-99028 Hi-Rail Wheels \$79.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 2-Wheel Trucks
- Operating Die-Cast Metal Couplers (Hi-Rail Only)
- Colorful, Attractive Paint Schemes
- Fast-Angle Hi-Rail Wheel Sets
- Needle-Point Axles
- 1:45 Scale Dimensions
- O Scale Kadee® Compatible Coupler Mounting Pads
- Sprung Bumpers
- European NEM Fine Scale Couplers Included*
- NEM 365 Coupler Pocket*
- NEM 362 Lenz® Compatible Coupler Included*
- Hi-Rail Wheels Operate On O-31 Curves
- NEM 310/311 Standard Fine Scale Wheels Operate On 31" Radius Curves

* Scale Wheel Models Only



European Passenger Cars



Orient Express (Blue) - 5-Car Orient Express Passenger Set

20-60004 Hi-Rail Wheels \$599.95
 20-60004-2 Scale Wheels \$599.95



Orient Express (Blue) - 5-Car Orient Express Add-On Passenger Set

20-60022 Hi-Rail Wheels \$599.95
 20-60023 Fine Scale Wheels \$599.95



Orient Express (Brown) - 5-Car Orient Express Add-On Passenger Set

20-60024 Hi-Rail Wheels \$599.95
 20-60025 Fine Scale Wheels \$599.95



Orient Express (Brown) - 5-Car Orient Express Passenger Set

20-60020 Hi-Rail Wheels \$549.95
 20-60021 Fine Scale Wheels \$549.95



British Railways (Crimson & Cream) - 4-Car LMS Standard Passenger Set

20-60030 Hi-Rail Wheels \$429.95
 22-60030 Fine Scale Wheels \$449.95



British Railways (Crimson & Cream) - LMS Standard Passenger Car

20-60032 Hi-Rail Wheels \$109.95
 22-60032 Fine Scale Wheels \$114.95



British Railways (Crimson & Cream) - LMS Standard Baggage Car

20-60031 Hi-Rail Wheels \$109.95
 22-60031 Fine Scale Wheels \$114.95



Coronation Scot - 4-Car LMS Standard Passenger Set

20-60039 Hi-Rail Wheels \$429.95
 22-60039 Fine Scale Wheels \$449.95



Coronation Scot - LMS Standard Passenger Car

20-60040 Hi-Rail Wheels \$109.95
 22-60040 Fine Scale Wheels \$114.95



British Railways (Blue) - LMS Standard Baggage Car

20-60041 Hi-Rail Wheels \$109.95
 22-60041 Fine Scale Wheels \$114.95



British Railways (Maroon) - 4-Car LMS Standard Passenger Set

20-60033 Hi-Rail Wheels \$429.95
 22-60033 Fine Scale Wheels \$449.95



British Railways (Maroon) - LMS Standard Passenger Car

20-60035 Hi-Rail Wheels \$109.95
 22-60035 Fine Scale Wheels \$114.95



British Railways (Maroon) - LMS Standard Baggage Car

20-60034 Hi-Rail Wheels \$109.95
 22-60034 Fine Scale Wheels \$114.95



London, Midland & Scottish Railway - 4-Car LMS Standard Passenger Set

20-60005 Hi-Rail Wheels \$429.95



London, Midland & Scottish Railway - LMS Standard Baggage Car

20-60006 Hi-Rail Wheels \$109.95

London, Midland & Scottish Railway - LMS Standard Baggage Car

20-60037 Hi-Rail Wheels \$109.95
 22-60037 Fine Scale Wheels \$114.95

London, Midland & Scottish Railway - 4-Car LMS Standard Passenger Set

20-60036 Hi-Rail Wheels \$429.95
 22-60036 Fine Scale Wheels \$449.95



London, Midland & Scottish Railway - LMS Standard Passenger Car

20-60007 Hi-Rail Wheels \$109.95

London, Midland & Scottish Railway - LMS Standard Passenger Car

20-60038 Hi-Rail Wheels \$109.95
 22-60038 Fine Scale Wheels \$114.95

European Passenger Cars



SNCF - 5-Car OCEM Passenger Car Set

20-60019 Hi-Rail Wheels \$599.95
20-60019-2 Fine Scale Wheels \$599.95



SNCF - 5-Car OCEM Passenger Car Set

20-60026 Hi-Rail Wheels \$599.95
22-60026 Fine Scale Wheels \$599.95



PLM - 5-Car OCEM Passenger Car Set

20-60027 Hi-Rail Wheels \$599.95
22-60027 Fine Scale Wheels \$599.95



Deutsche Reichsbahn - 5-Car Rheingold Standard Passenger Set

20-60017 Hi-Rail Wheels \$599.95
20-60018 Fine Scale Wheels \$599.95

Features

- Intricately Detailed Durable ABS Body
- Metal Wheels and Axles
- Die-Cast 2-Wheel Trucks
- Operating Die-Cast Metal Couplers (Hi-Rail Only)
- Colorful, Attractive Paint Schemes
- Fast-Angle Wheel Sets
- Needle-Point Axles
- 1:45 Scale Dimensions
- O Scale Kadee Compatible Coupler Mounting Pads
- Sprung Bumpers
- European NEM Fine Scale Couplers Included*
- NEM 365 Coupler Pocket*
- NEM 362 Lenz® Compatible Coupler Included*
- Hi-Rail Wheels Operate On O-72 Curves
- NEM 310/311 Standard Fine Scale Wheels Operate On 31" Radius Curves

* Scale Wheel Models Only



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POWER UP

with the Best Transformers in O Gauge



100 Watts

Z-1000™ AC Transformer

40-1000 \$ 109.95
With 14 Volt Accessory Port

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



Z-4000 Remote Control System

40-4001 \$ 149.95

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! the M.T.H. DCS Digital Command System remote control, providing command control operators with complete wireless control over their Z-4000 powered model railroad.

RealTrax Wire Harness

40-1015 \$4.99



Now you'll never have to touch the Z-4000 handles again, simply turn on the transformer and fire up either channel with the easy-to-use wireless 900mhz remote control. Each remote can communicate with up to three different Z-4000 transformers* from as far as 30 feet away.

The easy to read large LCD screen provides you with the selected channel's track voltage output and the easy-to-use interface provides you with quick button access to the original Proto-Sound system found on M.T.H. locomotives produced in the 1990s as well as conventional features found on Proto-Sound 2.0 and 3.0 locomotives manufactured since 2000.

The Z-4000 remote system can even respond to conventional commands from



Z-DC300 30 Watt DC Transformer

40-300 \$ 79.95

Featuring 30 watts of DC power and a 16 volt AC accessory port, the CSA approved DC-300 will comfortably run up to five HO locomotives.

- Controller LED On Light
- Overload Light
- Power On Switch
- Momentum Control
- Brake Control
- Direction Control
- Built-In Circuit Breaker Protection
- 30 Watt DC Power Supply w/16v AC Accessory Output Jacks

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.



100-Watt Accessory AC Power Supply

40-1000a \$79.95

- Ideal for powering accessories, or for DCS users who don't need a conventional transformer
- TIU/Barrel Jack adapter available separately for easy connection to DCS Track Interface Unit (TIU)
- 18-volt track power output
- 14-volt accessory output



Z-DC1 Transformer

40-200 \$ 24.95

A perfect small DC power supply to power up accessory lights, the ZDC1 includes a smooth-feeling power knob atop its UL approved enclosure.

- U.L. Approved
- 20 Watts DC Max Power Output
- Smooth Operating Throttle Knob
- Built-In Circuit Breaker Protection



RailKing Controller Set

40-750C \$ 49.95

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

400 Watts! The Most Powerful Listed 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.

Smooth-operating, wide-range **dual throttles**

Overload indicator

Smooth-operating, wide-range **dual throttles**

Dual ammeters show how much current each throttle is using and warn of potential overloads

Power-on indicator

Bell and whistle-horn buttons compatible with all AC engines

Dual digital voltmeters show how much power you're putting on the track

Programming button for original Proto-Sound and QSI® AC sound systems

Internal cooling fan

Rear Panel Outputs

UL Approved, patented design for continuous and safe maximum allowable power output at a sustained 18 volts RMS at 10 amps.

Direction button for each channel

On-off switch with Accidental Startup Protection: If throttles are not in Off position when Z-4000 is turned on, no power will be applied to the track.



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)

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

Z-4000® Transformer

40-4000 \$ 459.95

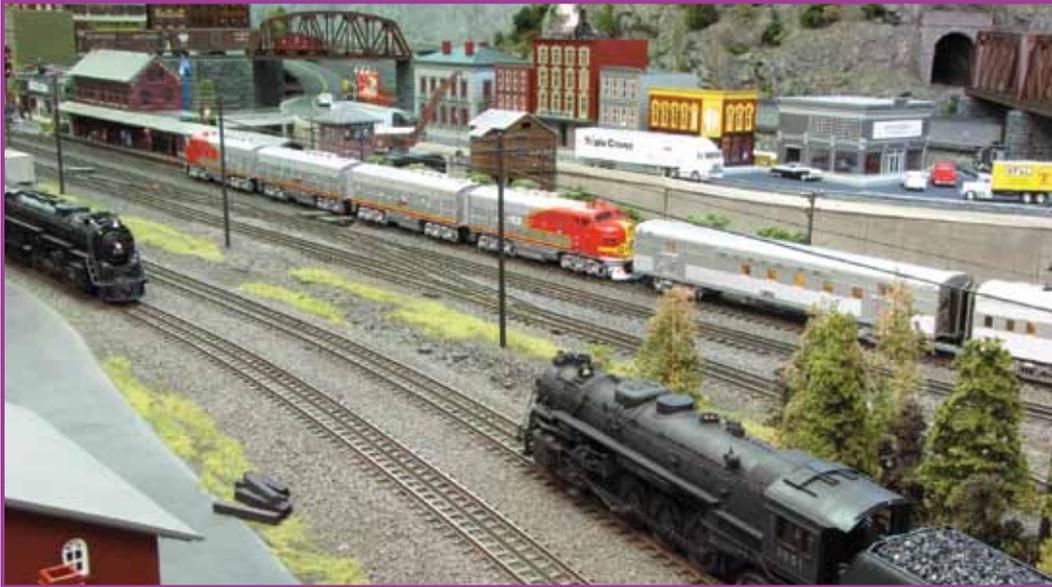
Two AC throttles, each with its own complete set of controls, plus 10-volt and 14-volt AC accessory outputs

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 have received a UL or CSA listing.

ScaleTrax™

Three-Rail Trains Look—and Run—Better on ScaleTrax



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

Compare our track with 3-rail track systems from Atlas O and Ross Custom Switches, and check out the advantages of ScaleTrax

Track Features

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

Learn more about it: Download our new 16-page ScaleTrax brochure. Click the ScaleTrax logo at the bottom of our home page, www.mthtrains.com



More Realism

Prototypically scaled, lower profile rail and ties make your locomotives and rolling stock look more massive on ScaleTrax.



Lionel
Tubular



Gargraves



Atlas



ScaleTrax

Lower Cost

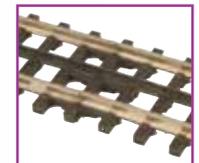
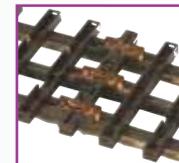
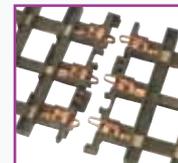
ScaleTrax track and switches are more affordable than comparable Atlas and Ross products.

Smaller Third Rail

The thinnest, lowest-profile center rail of any major track brand gives ScaleTrax a more realistic look.

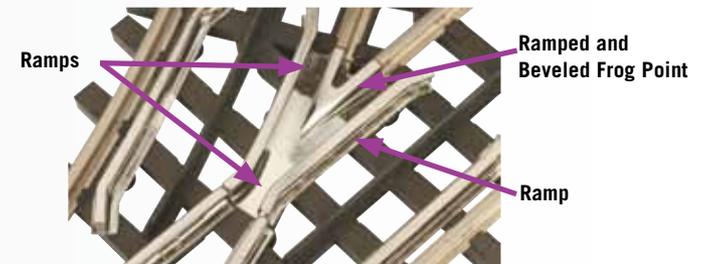
Better Electrical Contact

Concealed, large, spring-loaded contacts deliver more secure electrical connections between track sections.



Smoother Switches

Thanks to our ramped and beveled frog and lower profile rail, ScaleTrax offers the smoothest-rolling switches in O gauge.



Easier-To-Use Flex Track

Low-profile rail and ties make ScaleTrax flex easier to bend than other brands.

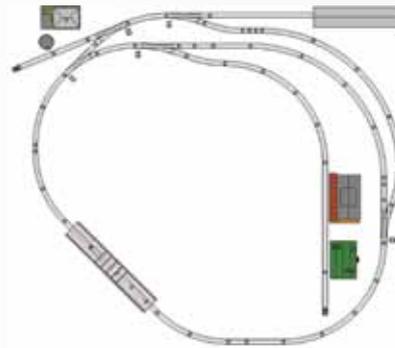


Dave Hikel

Scale Trax™ 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.

8x9 Spare Room & 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 |

45-1105 PACKAGE TOTAL: \$519.95

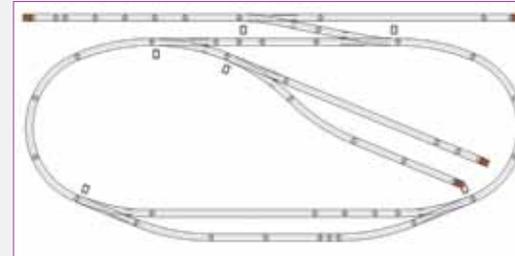


Roosevelt Junction

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 accomidate most starter set trains, allowing two trains to pass each other.



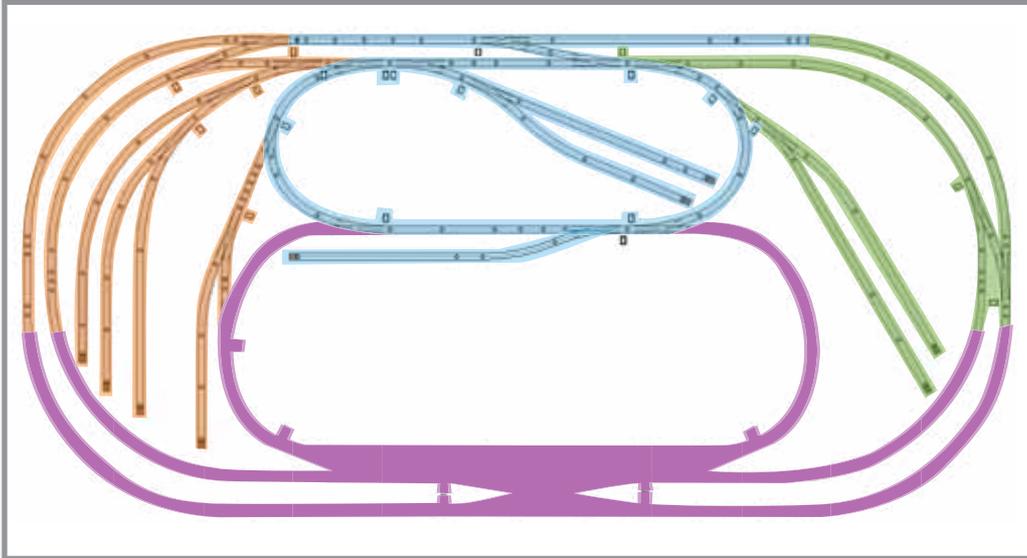
The O gauge layout that grows!

Build Roosevelt Junction in four phases.

| 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



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

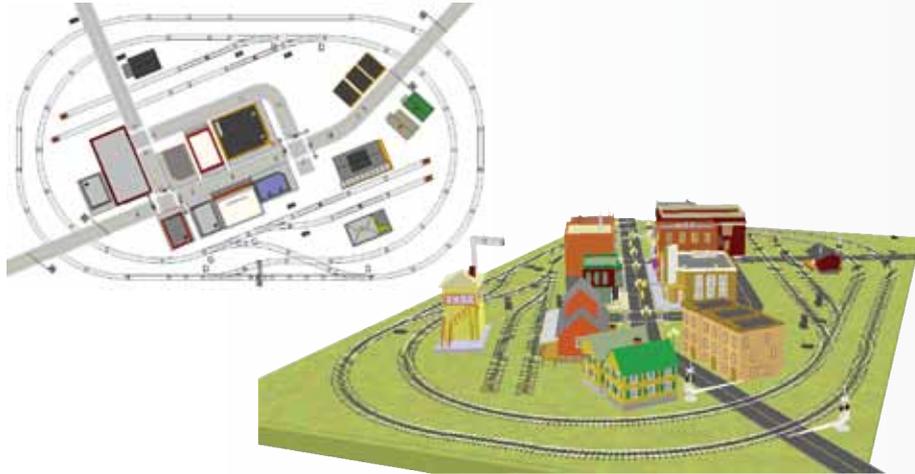
Roosevelt Junction - Phase 4

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

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 |

45-1107

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 |

45-1106

PACKAGE TOTAL: \$2599.95

ScaleTrax™

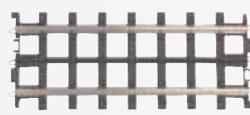
It takes **EIGHT 0-31 CURVES** to make a circle.
 It takes **TWELVE 0-54 CURVES** to make a circle.
 It takes **SIXTEEN 0-72 CURVES** to make a circle.
 It takes **SIXTEEN 0-80 CURVES** to make a circle.



STRAIGHT, FLEX & OPERATING TRACK SECTIONS



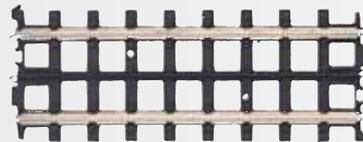
ScaleTrax™ - 1.75" Track Section
 45-1011 \$2.49
ScaleTrax™ - 1.75" Track Section 4-Pack
 45-1011-4 \$9.99



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



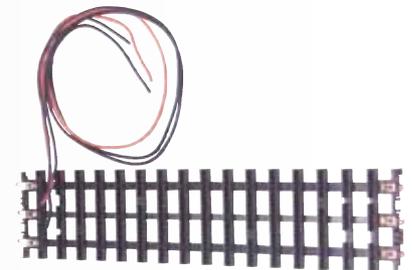
ScaleTrax™ - 4.25" Track Section
 45-1012 \$3.50
ScaleTrax™ - 4.25" Track Section 2-Pack
 45-1012-2 \$7.99



ScaleTrax™ - 5.5" Track Section
 45-1014 \$3.50
ScaleTrax™ - 5.5" Track Section 2-Pack
 45-1014-2 \$7.99



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



ScaleTrax™ - Lockon (Track Not Included)
 45-1033 \$3.99
 Each FlexTrack Section Requires 1 Lockon



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

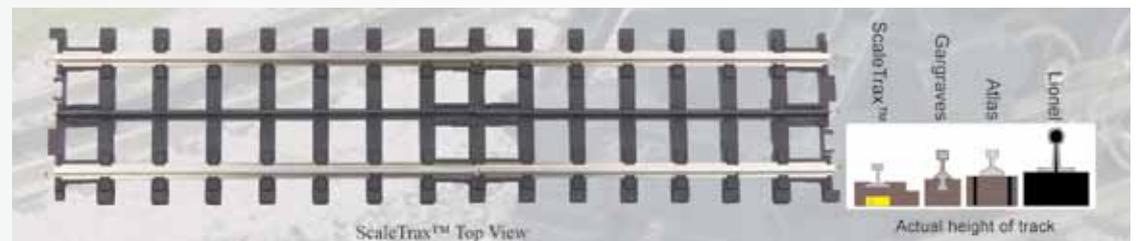


ScaleTrax™ - 30" FlexTrack Section
 45-1049 \$9.95

Lowest Profile, Most Realistic 3-Rail Track in O Gauge!



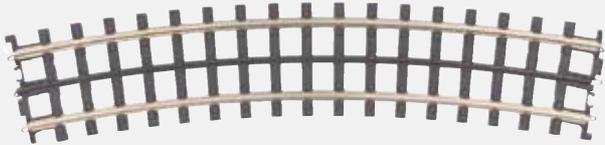
ScaleTrax™ - 15" Operating Track Section
 45-1035 \$19.95



Curved Track Sections



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

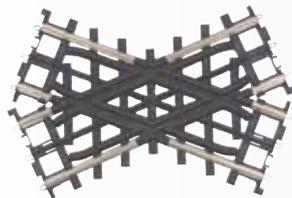


ScaleTrax™ - O-80 Curved Track Section
45-1034 \$5.99

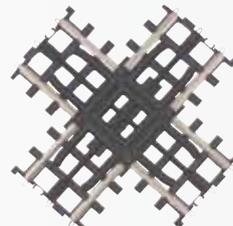
Crossovers



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

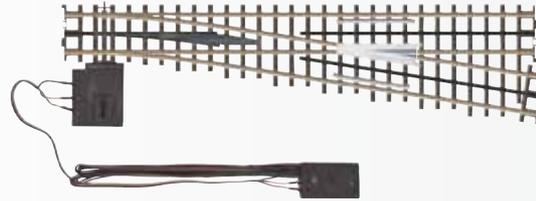


ScaleTrax™ - 45 Degree Crossing
45-1006 \$19.95



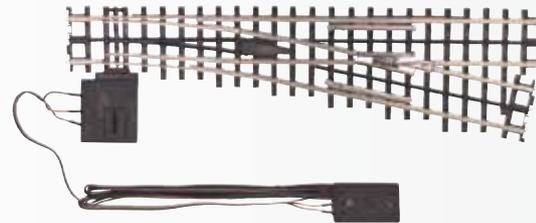
ScaleTrax™ - 90 Degree Crossing
45-1005 \$19.95

Switches



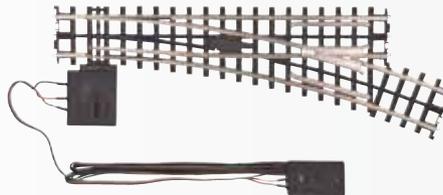
ScaleTrax™ - No. 6 Right Hand Switch
45-1053 \$69.95

ScaleTrax™ - No. 6 Left Hand Switch
45-1052 \$69.95



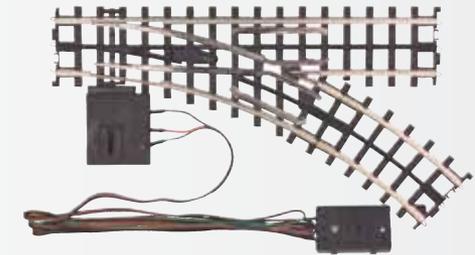
ScaleTrax™ - No. 4 Right Hand Switch
45-1051 \$59.95

ScaleTrax™ - No. 4 Left Hand Switch
45-1050 \$59.95



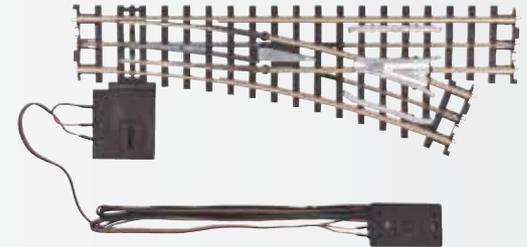
ScaleTrax™ - O-72 Right Hand Switch
45-1020 \$49.95

ScaleTrax™ - O-72 Left Hand Switch
45-1021 \$49.95



ScaleTrax™ - O-31 Right Hand Switch
45-1004 \$49.95

ScaleTrax™ - O-31 Left Hand Switch
45-1003 \$49.95



ScaleTrax™ - O-54 Right Hand Switch
45-1009 \$49.95

ScaleTrax™ - O-54 Left Hand Switch
45-1008 \$49.95

Accessories



ScaleTrax™ - Bumper
45-1025 \$15.95



ScaleTrax™ - ITAD
45-1028 \$34.95
(used to activate signals and trackside accessories)

RealTrax[®]: Rugged — Realistic — Reliable

REALTRAX[®]
BY M.T.H. ELECTRIC TRAINS

It takes **EIGHT 0-31 CURVES** to make a circle.
 It takes **TWELVE 0-42 CURVES** to make a circle.
 It takes **TWELVE 0-54 CURVES** to make a circle.
 It takes **SIXTEEN 0-72 CURVES** to make a circle.
 It takes **SIXTEEN 0-82 CURVES** to make a circle.

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

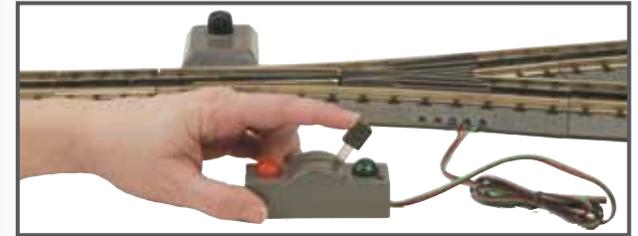
With its realistic crossties and ballasted roadbed, RealTrax looks like the mainline track used by heavy freights and high-speed passenger trains. Unlike older O gauge track with a round cross section, RealTrax uses flat-top "T"-rail like a real railroad.

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.

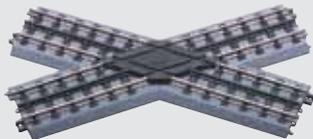
RealTrax switches feature the same durable construction as regular RealTrax sections and utilize long-lasting switch motors that provide precise throws every time. The reversible motor mechanism quickly snaps onto the other side of the switch if space is a problem. No disassembly of the switch is required!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



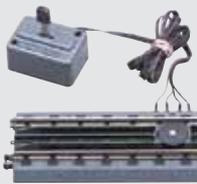
Crossovers & Operating Sections



RealTrax - 90* Crossover Track
40-1006 \$24.99



RealTrax - 45* Crossover Track
40-1007 \$24.99



RealTrax - Operating Track Section
40-1008 \$29.95

Straight & Curved Track Sections



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



RealTrax - 10" Ground Track (2 pieces per pack)
40-1068-2 \$8.99
(features removable jumper connecting 2 outer rails)



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

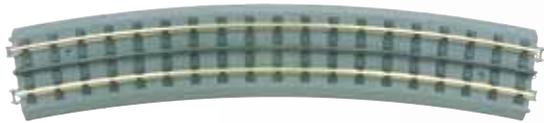
RealTrax - 10" Straight Track Section (4 Pcs)
40-1001-4 \$17.99



RealTrax - 5.0" Track Section
40-1016 \$3.99
40-1016-2 (2 Pcs) \$8.49



RealTrax - 5.5" Track Section
40-1012 \$3.99
40-1012-2 (2 Pcs) \$8.49



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



RealTrax - 3.5" Track Section
40-1018 \$3.99
40-1018-2 (2 Pcs) \$8.49



RealTrax - 4.25" Track Section
40-1017 \$3.99
40-1017-2 (2 Pcs) \$8.49



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



RealTrax - O-42 Half Curve Track
40-1045 \$4.49
40-1045-2 (2 Pcs) \$4.49



RealTrax - O-54 Half Curve Track
40-1057 \$4.99
40-1057-2 (2 Pcs) \$4.99



RealTrax - O-31 Half Curve Track
40-1022 \$3.99
40-1022-2 (2 Pcs) \$8.49



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



RealTrax - Adapter Track Section
40-1011 \$8.99



RealTrax - O-31 Curved Track Section
40-1002 \$4.49
40-1002-4 (4 Pcs) \$17.99

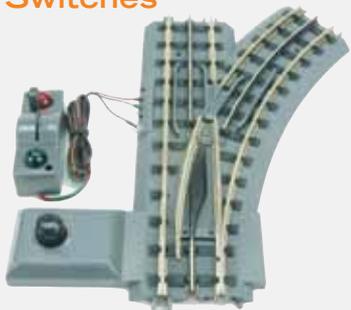


RealTrax - O-72 Half Curved Track Section
40-1049 \$4.99

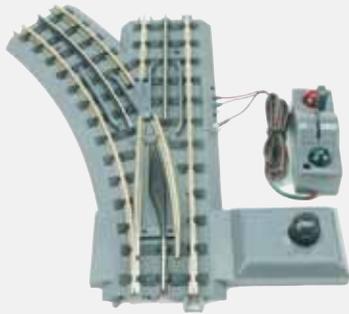


RealTrax - O-42 Curved Track Section
40-1042 \$4.99
40-1042-2 (2 Pcs) \$8.99

Switches



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



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



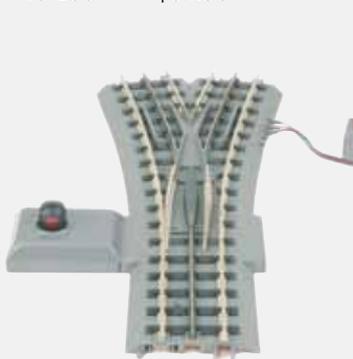
RealTrax - O-42 Switch (LH)
40-1043 \$74.95



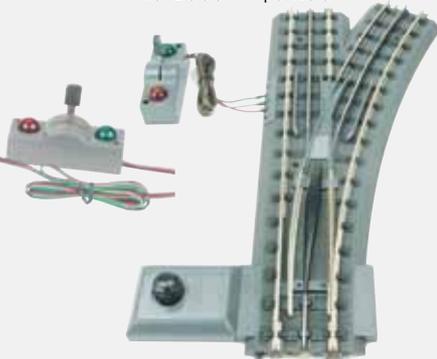
RealTrax - O-42 Switch (RH)
40-1044 \$74.95



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



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



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



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



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



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

Cantenary System



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

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

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

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

100 WATT POWER SUPPLY!



Power & Track Pack
40-1071 \$159.95



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

Bridges Now Compatible with Lionel® Fastrack™



O Subway Trestle Bridge
40-1048 \$29.95



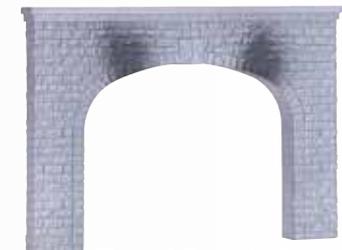
O 2-Track Bridge Girder - Rust
40-1110 \$34.95
O 2-Track Bridge Girder - Silver
40-1108 \$34.95
O 2-Track Bridge Girder - Black
40-1112 \$34.95



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



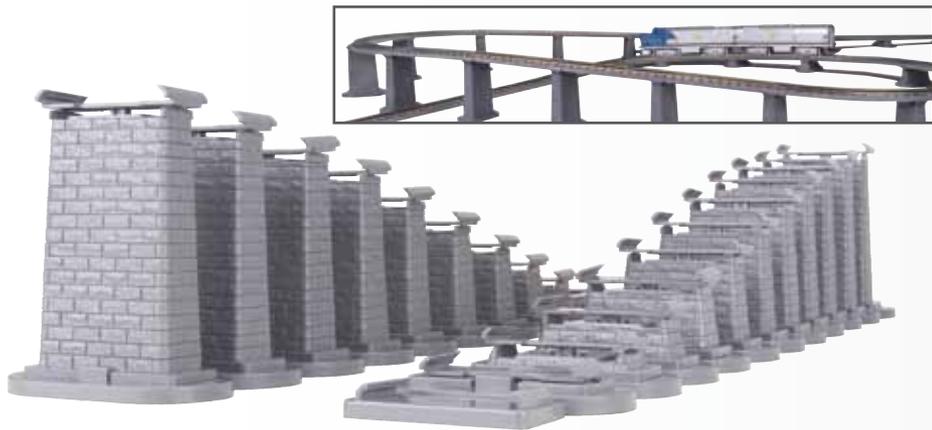
Tunnel Portal - Single
40-9014 \$14.95



Tunnel Portal - Double
40-9015 \$19.95



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



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

RealTrax - 24-Piece Graduated Trestle System For Lionel Fastrack
40-1113 \$54.95



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

RealTrax - 8-Piece Elevated Trestle System For Lionel Fastrack
40-1134 \$34.95

RealTrax - Lighted Lockon
40-1003 \$5.99



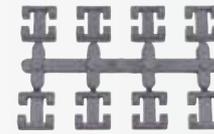
RealTrax - Track Activation Device (I.T.A.D.)
40-1028 \$24.95
(Allows passing train to activate signals or trackside accessories)



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



8 Piece Elevated Subway Trestle Set For Lionel Fastrack
40-1157 \$34.95



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

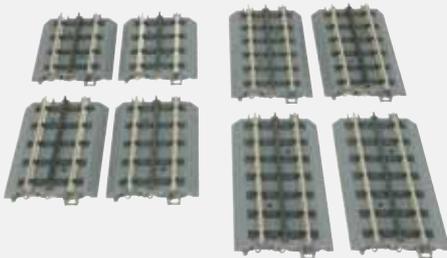


RealTrax - Non-Slip Track Pads (50/pack)
40-1046 \$7.95



RealTrax - Lighted Bumper
40-1024 \$14.95

Layout Builders



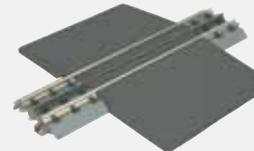
RealTrax - Layout Builder (8 Pcs)
40-1023 \$29.95
(Contains: (2) 3.5" Half Tracks, (2) 4.25" Half Tracks, (2) 5.0" Half Tracks, (2) 5.5" Half Tracks)



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 - 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)



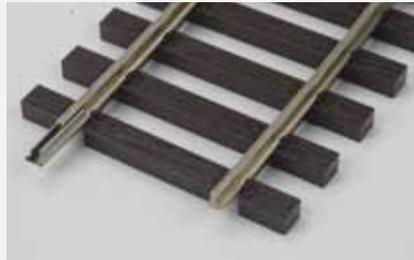
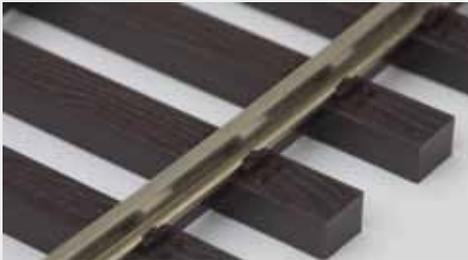
RealTrax - O-72 Wye Switch Spur Layout Builder
40-1069 \$149.95

ScaleTrax

2-Rail O-Scale Track

ScaleTrax™ by M.T.H. Electric Trains is the ultimate 2-rail track system that detail-oriented 2-rail modelers have been looking for. Code 128 rails, authentically detailed ABS track ties and strong, nickel-silver rails mate up to other 2-rail code 128 track.

- Solid, Rust-Proof Nickel Silver Track Rails
- Code 128 Rail
- Durable ABS Plastic Rail Ties
- Nickel Silver Rail Joiners
- Unit Measures:



ScaleTrax - 2-Rail 36" (914.4mm) Radius Curved Track Section
45-2036 \$8.99



ScaleTrax - 2-Rail 17" (444.1mm) Straight Track Section
45-2017 \$7.99



ScaleTrax - 2-Rail 22" (558.4mm) Radius Curved Track Section
45-2022 \$7.99

Accessories



Railtown Brewing Co. - Brewery w/Operating Smoke
30-90452 \$99.95



Fireworks
Road Side Stand
30-9093 \$44.95



Ives - 3-Story City Building 1
30-90440 \$69.95

M.T.H. Electric Trains
#193 Industrial Water Tower
30-90415 \$54.95



Roadster Hardtops - 32 Pack Die-Cast
Vehicle Set
30-50066 \$229.95

O-Gauge or 2-Rail O Scale Couplers & Trucks

End-Of-Train-Device Roller Bearing Freight Truck

This long requested accessory can convert any M.T.H. Premier Line freight car to an end-of-train car in just minutes.

The all die-cast sprung roller bearing truck includes a center-rail pickup roller that powers a bright flashing LED, reproducing the end-of-train effect found on modern freight drags.

The ETD truck easily mounts to your existing freight cars in just a few minutes.



Features:

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

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

Locomotive Scale Coupler Kits:



No. 805 Kadee Coupler & Draft Gear Box Set

20-89019 \$3.90

No. 804 Kadee Coupler & Draft Gear Box Set (Plastic)

20-89018 \$3.90



Wireless Drawbar Set

20-89011 \$29.95

Conversion Wheel Kits

Ps2 Proto-Scale 3-2™ 4-Wheel Truck Scale Wheel Set Kit

20-89005 \$39.95

Ps2 Proto-Scale 3-2™ 6-Wheel Truck Scale Wheel Set Kit

20-89006 \$59.95

Ps2 Proto-Scale 3-2™ 4-Wheel Truck Hi-Rail Wheel Set Kit

20-89008 \$39.95

Ps2 Proto-Scale 3-2™ 6-Wheel Truck Hi-Rail Wheel Set Kit

20-89009 \$59.95

3-Rail

Railking 3-Rail Bettendorf Freight Car Two Truck Pack

30-89001 \$17.95

Railking 3-Rail Roller Bearing Freight Car Two Truck Pack

30-89002 \$17.95



Premier 3-Rail Bettendorf Freight Car Two Truck Pack

20-89003 \$17.95

Premier 3-Rail Roller Bearing Freight Car Two Truck Pack

20-89004 \$17.95



Premier 2-Rail

2-Rail Lightweight Passenger Car Two Truck Pack*

20-89007 \$29.95



2-Rail Heavyweight Passenger Car Two Truck Pack*

20-89014 \$29.95



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

20-89012 \$29.95



2-Rail Bettendorf Caboose Truck Pack*

20-89015 \$19.95



2-Rail Bettendorf Freight Car Two Truck Pack

20-89001 \$19.95



2-Rail Roller Bearing Caboose 2-Truck Pack*

20-89016 \$19.95



2-Rail CA-1 Caboose 2-Truck Pack

20-89017 \$19.95



2-Rail Roller Bearing Freight Car Two Truck Pack

20-89002 \$19.95



*Includes Removable 3-Rail Couplers

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There are **NINE** different types of memberships, based on the style of model railroading that most interests you.

RailKing Membership



30-74723 MTHRRRC 50' Double Door Plugged Boxcar
RailKing Membership is \$50.00

Premier Membership



20-93584 MTHRRRC Chesapeake & Ohio 50' Ps-1 Box Car with Youngstown Door
Premier Membership is \$55.00

Lionel Corp. StD. Gauge Membership



11-30149 Lionel Corp. No. 215 Std. Gauge Oil Car
Lionel Corp. 200 Series Membership is \$120.00

Tinplate O Gauge Membership



10-8084 MTHRRRC No. 2815 O Gauge Oil Car
Tinplate 2800 Series Membership is \$90.00

Tinplate StD. Gauge Membership



10-2243 MTHRRRC No. 215 Std. Gauge Oil Car
Tinplate 200 Series Membership is \$120.00

Lionel Corp. O Gauge Membership



11-70091 Lionel Corp. No. 2815 O Gauge Oil Car
Lionel Corp. 2800 Series Membership is \$90.00

Basic Membership

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

One-Gauge Membership



70-75032 MTHRRRC Pennsylvania Power & Light 4-Bay Hopper
One-Gauge Membership is \$100.00

HO Membership



80-94029 MTHRRRC Farmer's Cooperative R40-2 Woodside Reefer
HO Membership is \$30.00

MTH
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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) and have the option to collect 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.

RailWare™ Software



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 Interactive DVD retails for \$79.95, but is yours FREE as a Club member.

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

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

Club Web Site

Visit www.mthtrains.com and 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, and even build your own homepage.

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



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

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DCS™ Simply The Best Way To Run A Railroad™
M.T.H.'s DCS Digital Command System has received U.S. Patent No. 6,457,681. M.T.H.'s Proto-Sound® 2.0 system has received U.S. Patent No's 6,457,681 B1 (sound system), 6,457,681 B1 (Proto-Speed Control™), 6,604,641 (Proto-Coupler™), 7,210,656 (Sound), 6,662,917 (2/3Rail), 7,210,656 (Internet Downloads, Music & Doppler). 6,655,640 (Smoke Synchronization)
M.T.H.'s RealTrax® has received U.S. Patent No. 6,019,289.
M.T.H.'s Z-4000® Transformer has received U.S. Patent No's. 6,281,606 & 6,624,537.
HO Coupler 7,694,834 Bi-Directional Communication 8262034

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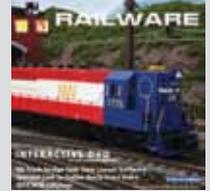
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This interactive DVD is packed full of sights & sounds guaranteed to make you rethink how far the hobby of model railroading has come. You'll learn about some of the most innovative products ever produced & marvel at the sophistication of a product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



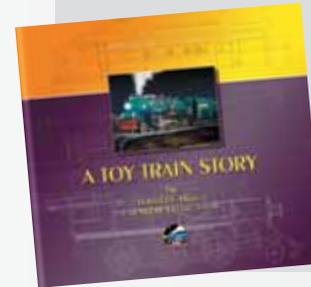
Previous Year Club Cars

MTHRC members can still obtain earlier produced MTHRC cars by visiting the MTHRC pages on the website. Only MTHRC 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)!



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