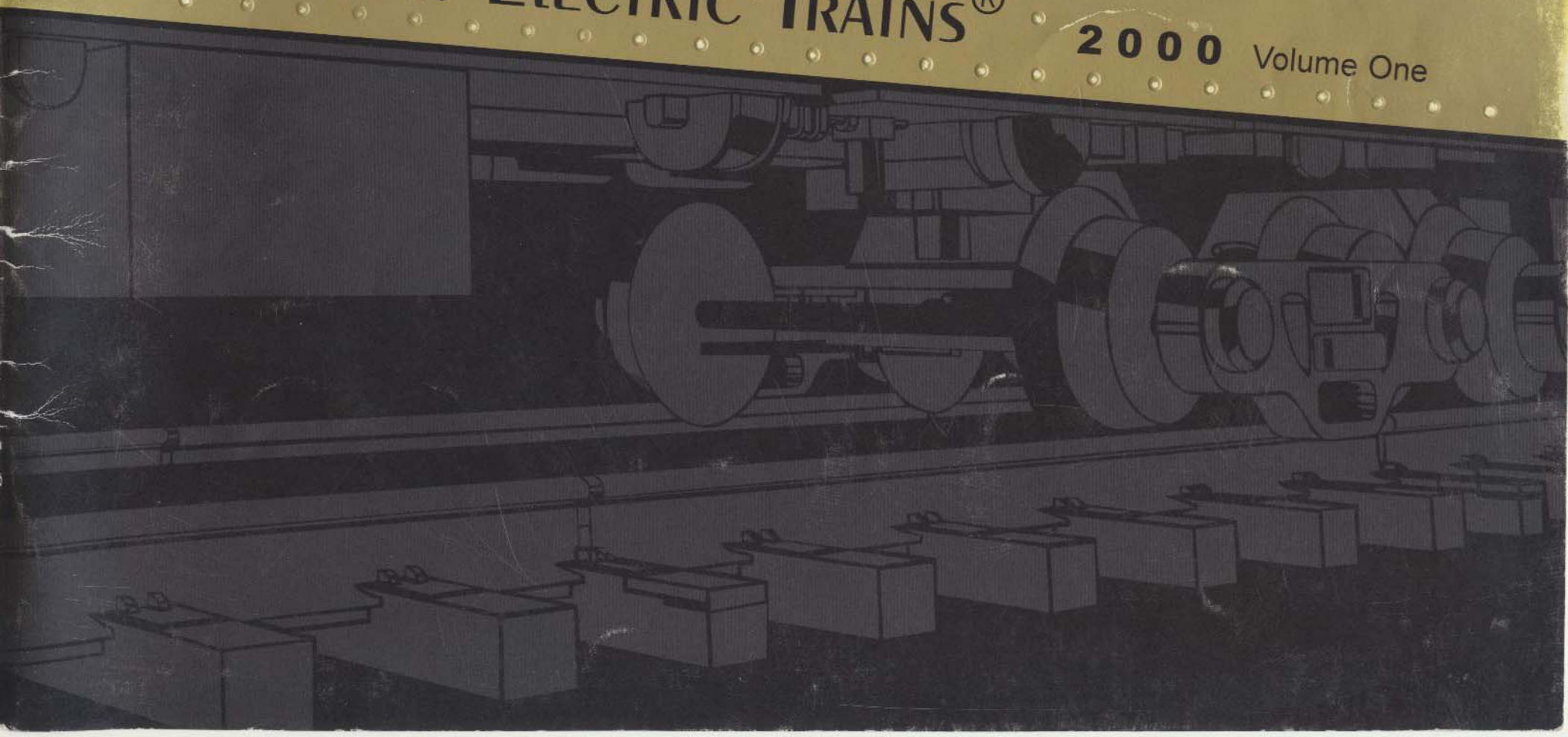
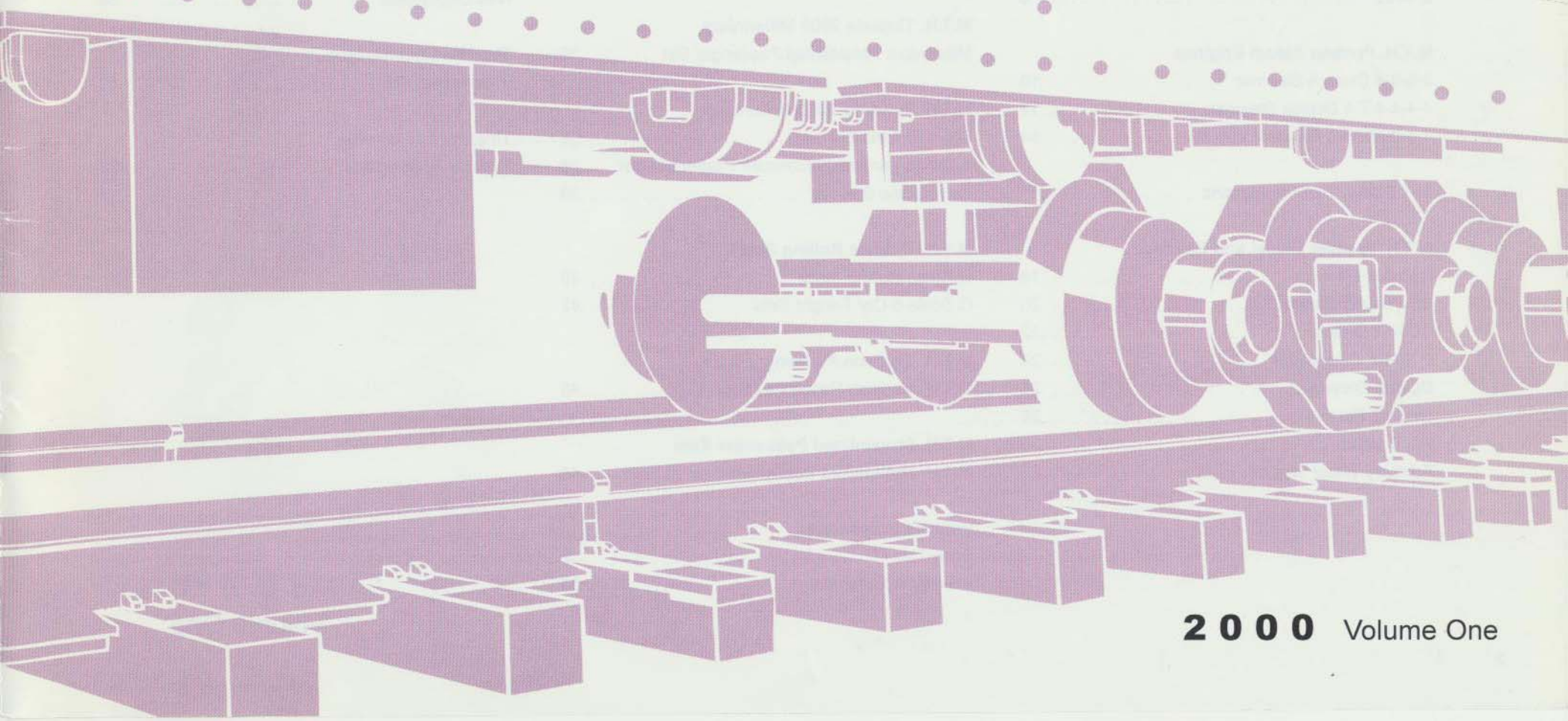




M.T.H. ELECTRIC TRAINS®

2000 Volume One





**2000** Volume One

# Premier<sup>®</sup>, Tinplate Traditions<sup>™</sup> Table Of Contents

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**2000**  
Volume One

# THE FIRST M.T.H. CATALOGS FOR THE MILLENNIUM 2000 PRODUCTION YEAR ARE HERE!

This year our product line has grown so much - it's bigger and better than any previous M.T.H. lineup to date, so we are printing two catalogs: one for our RailKing lineup, and one for our Premier and Tinplate Traditions Lines. Both books are filled with model railroading products that will capture virtually every railfan enthusiast's interests.

M.T.H. creates our magnificent collection of model railroad products based on what we know railfans want. We keep our "cars to the ground" to determine what's missing . . . to find out what model railroaders want, that they do not yet see on the market. We also stay tuned in to what your favorite items are, and we are constantly working on ways to make these products better and more innovative for you.

At M.T.H. Electric Trains, we are committed to offering model railroaders as much variety as possible so that your displays and railroad empires can have everything needed to make them authentic. We also want to give the model railroader a broad choice of trains and accessories so that your layout and collection have your mark . . . your personal "signature" . . . on them.

---

## Get "on board" and ride the M.T.H. Rails!

*Enjoy the "scenery" as you journey through the  
M.T.H. Millennium Year 2000 Catalog.*

*M.T.H. commitment to quality and value in each and every product.  
Join the growing ranks of RailKing fans who declare . . .*

---

M.T.H. also is moving towards introducing the hobby of model railroading into the lives of those who haven't yet been bitten by the "train bug," and to jogging the memory of those folks who have perhaps forgotten the wonder of this magical experience. The variety of trains and accessories available at M.T.H. make it easy for someone just starting out to choose individual items as well as complete sets that are high quality, appealing and affordable. For those who may be motivated by a sense of nostalgia, we offer model railroading products that bring back wonderful memories of times gone by with family and friends, and being a "kid again!" Joining the M.T.H. Railroaders Club is probably the easiest way to begin experiencing this wonderful hobby and signing up couldn't be easier, just visit our web site at [www.mth-railking.com](http://www.mth-railking.com) and join in a few simple clicks.

To those folks who are experiencing M.T.H. Electric Trains for the first time, we are offering some items to help guide you on your journey through model railroading and the world of M.T.H. Electric Trains. These include an historical hard-cover book about

the amazing history of M.T.H., and an interactive CD ROM with both "how-to" videos and track planning software. These products will be very useful to the long-time loyal M.T.H. enthusiasts too. The book and interactive CD ROM present interesting historical data on the company, and innovative tools for using some of our M.T.H. products.

Quality and value are what our customers find in each and every M.T.H. product. In fact, they are the driving forces in the creation of the M.T.H. product line. You'll never see a \$600 diesel switcher with plastic drive gears in the M.T.H. product line. It would simply devalue what this hobby means to all of us.

Armed with the quality and value of the M.T.H. product line, many of our customers have begun spreading the word about the joys of M.T.H. model railroading to new and old railroad enthusiasts. This excitement is stimulating the growth of our hobby and it is expanding with incredible speed. It has also motivated us here at M.T.H. to strengthen our efforts to produce the types of products model railroading enthusiasts want.

Proof of our efforts can be found throughout the following pages where you will find exciting O and Standard Gauge locomotives, rolling stock and accessories. Each item is designed and manufactured to meet a standard of quality you expect. We accomplish this by ensuring that our products are easy to understand, easy to use and operate, and that servicing is routine. For example, M.T.H. locomotives, which are constructed from high quality ABS plastic or die-cast and stamped metal components, feature our modular chassis design (MCD) concept which ensures that each engine is easy to operate and easy to service. Most basic repairs can usually be accomplished with just a screwdriver.

---

## "M.T.H. is indeed the best ticket to fun and excitement in O Gauge model railroading!"

---

As you learn more about M.T.H. Electric Trains through the pages and images of this catalog, you will come to understand how M.T.H. has taken the lead in the O gauge market. If you like what you see, contact us to find a dealer near you so that you may experience first hand why M.T.H. Electric Trains is your best source for O gauge value and quality.

Toll Free Dealer Locator Number

**1-888-640-3700**

Visit our Website [www.mth-railking.com](http://www.mth-railking.com)



TAKE THE  
*Virtual Journey*  
 THROUGH THE EXCITING WORLD  
 OF  
 M.T.H. ELECTRIC TRAINS




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Visit the M.T.H. Web Site at [www.mth-railking.com](http://www.mth-railking.com) to find answers to many of your questions about product delivery, new product announcements and information on using M.T.H. products.

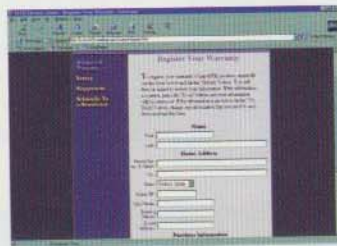
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**INTERESTED IN JOINING THE M.T.H. RAILROADERS CLUB?**

You can join with just a few clicks on our web site. Once you join, you'll be able to visit a special Members Only section of the web site where you and your fellow members will get to learn inside details about new products and programs coming from M.T.H. You'll also be able to read and leave messages on our MTHRRC message board, create your own MTH Member Web Page and have an electronic M.T.H. Newsletter delivered to you every month.



**JUST PURCHASED AN MTH PRODUCT?**



Now you can fill out your warranty card or complete an M.T.H. survey online instead of mailing in the forms. Both are simple and easy to do.

**FIND A RETAILER WHO MIGHT HAVE THAT HARD-TO-FIND MTH PRODUCT IN STOCK?**

Check out our all new Dealer Locator and Product Locator. These easy-to-use tools are now on our web site. The Dealer Locator calculates distance and includes maps which makes finding an authorized M.T.H. retailer easier than ever. The Product Locator will find all M.T.H. retailers who have in stock any M.T.H. item you search for. It's so smart, it will even tell you who the closest dealer is from your location.

We've upgraded our business systems so that our customers can stay in touch and have access to the latest news on our products and retailers. Customers needing to return an item for repair to the M.T.H. Service Department can obtain a return authorization number through the M.T.H. web site. Eventually, the system will allow a customer to check on the status of their returned item's repair as it moves through the M.T.H. Service Center. Once an item has been repaired, our system will even e-mail you with its delivery schedule and tracking number giving you the ultimate in peace of mind information.

Naturally, a visit to the M.T.H. Web Site will allow you to e-mail various departments, check out our latest catalogs or visit our online store. Our Internet staffers will continuously update our site so that you will never be far from the latest model railroading news.



[www.mth-railking.com](http://www.mth-railking.com)

# The Proto-Sound® System

Designed By



Almost every M.T.H. engine can be ordered with the exciting M.T.H. Proto-Sound® system - a state-of-the-art digital sound and train control system that requires no additional equipment or wiring to your layout. You simply hook up any compatible transformer and begin experiencing the digital world of model railroading.

To operate Proto-Sound®, just put your engine on the track, right out of the box. As soon as you power-up your transformer, you will hear the authentic sounds of your diesel, steam or electric engine awakened as it awaits your command to start moving. Your transformer's throttle and its whistle button activate all the Proto-Sound® features listed. There is no need to purchase a whole new control system with dozens of buttons and keystrokes to memorize; Proto-Sound® works with almost any AC transformer.

## CD-LIKE QUALITY

When ordered with Proto-Sound®, your RailKing or Premier locomotive contains high quality digital sounds you just have to hear to believe! For example, our steam engines come equipped with synchronized steam chuffing, authentic whistle and bell sounds, air compressor pump and let-off sounds, and randomly activated sounds like steam pop-off, blow down and injector sounds. Even when sitting still, a Proto-Sound® equipped M.T.H. Steam Engine sounds like it's "alive and breathing". Proto-Sound® equipped diesel engines sport many of the same sound qualities as their steam counterparts, including 8 levels of diesel motor sound, authentic sounding horn and bell sounds, and air compressor pump and let-off sounds. Additionally, every Proto-Sound® equipped diesel also comes with our exclusive Cab Chatter Proto-Effects™ - digitally captured radio transmissions of actual engineers and dispatchers going about the business of train switching, loading and unloading. Best of all these sounds are controlled by the Proto-Sound® microprocessor, so they are each randomly activated to prevent constant repetition and give Proto-Sound® owners a true-to-life sound experience.

## EXCLUSIVE PROTO-EFFECTS™

Every Proto-Sound® equipped engine also features our exclusive Proto-Effects™, a series of true-to-life sound and train control effects that make model railroading with M.T.H. a unique and fun experience. Proto-Effects™ sounds include squeaking brakes that, when activated, will let out an authentic sound piercing your ears as you throttle down the engine to a stop or enter a turn. Imagine the fun of entering a station or switch yard, or even a curve after highballing down a straightaway and hearing the sound of your engine's brakes as you slow down. With Proto-Effects™ you also get special sounds for your freight or passenger engine that you won't find anywhere else. When the Proto-Effects™ are activated, your freight or passenger line steam or diesel engine will play special freight yard or passenger station sounds once the engine comes to a halt.

## COMPUTER ON-BOARD

All of the Proto-Effects™ sounds and features, like the Proto-Sound® digital sounds themselves, are controlled through the Proto-Sound® microprocessor. This microprocessor gives the operator remote control ability from any compatible transformer for an array of features. The features include remote volume adjustment and remote engine lock-out control as well as perhaps the most exciting of all the Proto-Sound® features - remote control over your engine's coupler from anywhere on the layout. No additional wiring, uncoupling track sections or modifications to your layout are required. Each feature can be activated by simply using the transformer's whistle controller.

## PROTO-SOUND® FEATURES

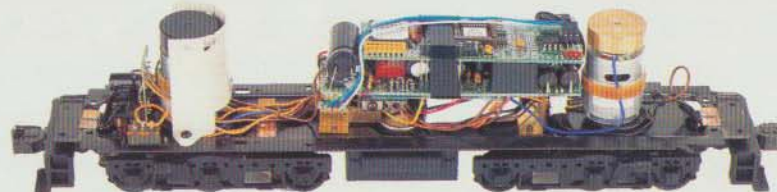
### DIESEL ENGINES

- Variably Controlled 8 Level Diesel Sound
- Authentic Diesel Horn
- Authentic Diesel Bell
- Squeaking Brakes
- Randomly Activated Cab Chatter Sequences
- Passenger Station or Freight Yard Proto-Effects™
- Remote Controlled Engine Volume Adjustment
- Remote Controlled Engine Lockout Setting
- Operates with any Compatible AC Transformer
- Self-Recharging Battery Backup with Auto Shut-off
- Directionally Controlled Headlights\*
- Constant Voltage Headlights\*
- Remote Controlled Die-Cast Metal Proto-Couplers®

### STEAM ENGINES

- Synchronized Steam Chuffing Sound
- Authentic Steam Whistle
- Authentic Steam Bell
- Air Compressor Pump & Let-off Sounds
- Squeaking Brakes
- Randomly Activated Steam Neutral Sounds
- Passenger Station or Freight Yard Proto-Effects™
- Remote Controlled Engine Volume Adjustment
- Remote Controlled Engine Lockout Setting
- Operates with any Compatible AC Transformer
- Self-Recharging Battery Backup with Auto Shut-off
- Remote Controlled Die-Cast Metal Proto-Couplers®

\* Found on M.T.H. Premier engines only

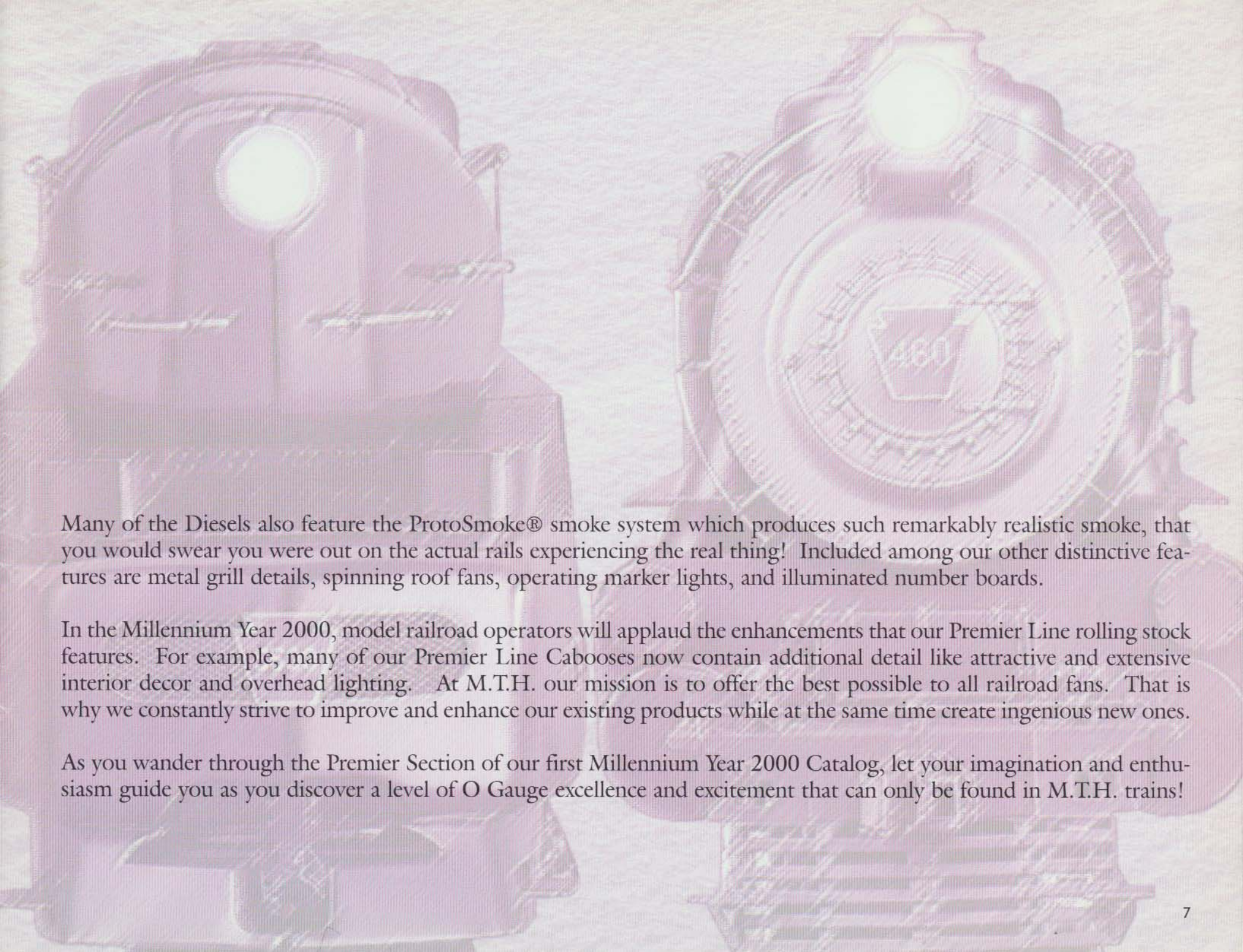




The M.T.H. Premier Line offers railfans superior 1/4 inch scale models in the O Gauge market. M.T.H. Premier is of a variety and quality distinct enough to satisfy the passions of even the most discriminating model railroader.

Premier Steam locomotives have all the features model railroad operators need to create dramatic and realistic layouts. The M.T.H. Premier Steam Locomotives display high quality craftsmanship, which is evident in their captivating appearance. Each of the Premier Steam Locomotives includes die-cast boiler and tender construction, flywheel-equipped power from Pittman® motors, billowing smoke from the ProtoSmoke® system, and authentic digital sound effects from the Proto-Sound® Digital Sound and Train Control System. Perhaps most important of all is the unequivocal commanding power demonstrated in all Premier Steam Locomotives.

Our Premier Diesel Engines are also in a class by themselves. The outstanding workmanship exhibited on each engine offers every model railroader who adds one to his/her collection or miniature empire a great sense of pride in ownership. The Premier Line of Diesel Engines feature two flywheel-equipped motors along with the Proto-Sound® Digital Sound and Train Control System, which includes the easy-to-use remote uncoupling Proto-Coupler® system.



Many of the Diesels also feature the ProtoSmoke® smoke system which produces such remarkably realistic smoke, that you would swear you were out on the actual rails experiencing the real thing! Included among our other distinctive features are metal grill details, spinning roof fans, operating marker lights, and illuminated number boards.

In the Millennium Year 2000, model railroad operators will applaud the enhancements that our Premier Line rolling stock features. For example, many of our Premier Line Caboosees now contain additional detail like attractive and extensive interior decor and overhead lighting. At M.T.H. our mission is to offer the best possible to all railroad fans. That is why we constantly strive to improve and enhance our existing products while at the same time create ingenious new ones.

As you wander through the Premier Section of our first Millennium Year 2000 Catalog, let your imagination and enthusiasm guide you as you discover a level of O Gauge excellence and excitement that can only be found in M.T.H. trains!





## PREMIER ACCESSORIES

### Z-4000™ Transformer

Operators of any O, S or Standard Gauge locomotive, regardless of manufacturer, will appreciate the power and control features found in the 400-Watt Z-4000™ transformer - the only U.L. Approved 400-Watt transformer available today. The transformer's control panel has a voltage display, amperage display, and horn, bell, direction, and programming buttons for two track outputs. Two additional fixed voltage outputs are also available making the Z-4000™ the perfect choice for operating locomotives and accessories.

Programming Proto-Sound® equipped locomotives simply requires the operator to scroll through the features on the LED display by using the whistle and direction buttons. Macro features have also been included in the Z-4000™ transformer giving the Proto-Sound® owner the opportunity to use popular Proto-Sound® features, like directional lock-out, with just a few button clicks.

Perhaps the most exciting feature of the Z-4000™ is its microprocessor-controlled operating system. There is actually a powerful home computer-type "brain" that makes the Z-4000™ highly upgradeable. In fact, the Z-4000™ has been designed so that future additions like a walk-around throttle system will be easy and quick to install and use. This product has earned the UL listing mark.

### FEATURES INCLUDE

- UL Listed To US and Canadian Safety Standards
- Pure Sine Wave Power Signal
- (2) 21v Variable Track Outputs
- (1) 14v Fixed-Voltage Output
- (1) 10v Fixed-Voltage Output
- Internal Cooling Fan
- On/Off Power Switch
- Expansion Port for Z-4000 Remote Commander™ System
- Compatible As Power Source For All O Gauge AC-Powered Locomotives
- (2) Voltage LED Displays
- (2) Amperage LED Displays
- Resettable Circuit Breakers for Each Output
- Large Red LED Overload Indicator
- Large Green LED Power On Indicator
- Measures: 8 3/4" High, 11 1/8" Front to Back, 14 3/4" Wide



Z-4000™ Transformer  
Item No. 40-4000



and



Z-4000™ Transformer and Optional Remote Commander



## FEATURES INCLUDE

- LCD Display - The Remote Commander Handheld informs the user through the LCD Display commanded track voltage during normal train operation and simplifies Proto-Sound® feature selection during programming.
- Controls Two Tracks - Using the Track Selector Switch, operators can switch between two different tracks on the fly. The Z-4000 Remote Commander Handheld will remember each track's settings and display them when the track is selected.
- Rotary Throttle Dial - Simply roll the thumb-wheel style throttle on the Remote Commander Handheld upward or downward to control the speed of your trains. The rotary style throttle enables switching between active tracks while retaining the previous throttle setting. Doubles as a Program Mode selector by allowing the user to scroll through Proto-Sound® features.
- Bell Button - Activates the bell sound in any manufacturer's sound equipped engines. The button is also used to select a feature in the Program Mode when programming Proto-Sound® equipped locomotives.
- Whistle/Horn Button - Activates the whistle or horn sound in any manufacturer's sound equipped engines. The button is also used to activate the Proto-Coupler® found in Proto-Sound® equipped locomotives.
- Program Button - Enables the user to toggle in and out of the Program Mode when programming Proto-Sound® equipped locomotives.
- Direction Button - Interrupts the track power to allow any manufacturer's engine to change direction.
- Boost/Brake Button - Self-centering rocker switch that allows users to accelerate or decelerate any manufacturer's locomotive during operation independent of the throttle setting. Releasing the button will return the throttle voltage to the previously selected setting.
- Emergency Stop Button - Immediately sets the commanded track voltage of both tracks to zero.
- Simultaneous Operation With Z-4000 Transformer - Allows the user to control the track with either the Z-4000 stationary controls, the Z-4000 Remote Commander Handheld's controls or both. The system automatically switches between the Z-4000 Remote Commander Handheld and the Z-4000 Control Panel whenever a change in the controls is made.
- Multiple Remote Control Operation - The Z-4000 Remote Commander System allows for up to 3 individual Z-4000 Remote Commander Handhelds to be used simultaneously with one Z-4000 Remote Commander Receiver. Additionally, one Remote Commander Handheld can control three Remote Commander Receivers when attached to three Z-4000 transformers.
- Power Source Management - Built-in Sleep Mode allows Z-4000 Remote Commander to go inactive when not in use to preserve battery life.
- Operates All Manufacturer's AC Powered Locomotives - Provides full conventional control of all AC 3-Rail trains when used in conjunction with a Z-4000 transformer giving the operator the added freedom that can only be provided by a wireless hand-held remote control.

## Z-4000 Remote Commander™

If you want to operate your model railroad in a new yet familiar way with the freedom of a wireless hand-held controller, M.T.H. Electric Trains has the perfect solution. In fact, today's best value in walk-around technology can only be found in the all-new M.T.H. Electric Trains' Z-4000 Remote Commander™ System.

This state-of-the-art system interfaces quickly and easily with the powerful 400 Watt Z-4000™ Transformer to bring simple, portable control to your model railroad empire in ways not found in other remote control systems. Simplistic design with easy-to-use functionality make the Z-4000 Remote Commander™ System the best remote system available for model railroaders looking to break away from a stand-alone transformer.

Equipped with features that simplify and enhance operating your trains, the similarity in controls to the Z-4000™ Transformer will have you up and running your trains in minutes. Get down to track level, follow your trains around or operate from the comfort of your easy chair. It's all possible thanks to the fun and excitement of the Z-4000 Remote Commander™



Z-4000 Remote Commander System Includes: (1) Remote Commander Handheld and (1) Remote Commander Receiver  
Item No. 40-4001

Z-4000 Remote Commander™ Receiver  
Item No. 40-4002

Z-4000 Remote Commander™ Handheld  
Item No. 40-4003



P R E M I E R   S T E A M E R



NEW



*Add a Norfolk & Western 6-Car Hopper Set  
See Page 43*

## 2-6-6-4 Class A Steamer

The Norfolk & Western's (N&W) 2-6-6-4 Class A Steam Engine was referred to as "the best steam locomotive made" by those who engineered it. The 2-6-6-4 was capable of performing all kinds of work -- heavy passenger or slow freight -- in just about any terrain. In the Spring of 1936, the first 2-6-6-4 Class A Steam Locomotive was produced for the N&W Railway, out of the Roanoke Shops. It was a single expansion articulated engine with seventy inch drivers, and a wheel base that was as long as possible for the driver size, turntables, and track curves. It had four cylinders, and a huge boiler.



The appearance of the M.T.H. Premier N&W 2-6-6-4 Class A Steam Engine is one of power and speed. This impressive Steam Engine conveys a message of "getting the job done" whether hauling passengers or freight, on flat land or an inclined plane. The authentic details, as well as the standard features listed below, make the 2-6-6-4 Class A Steam Engine a prize for any model railroad collection.

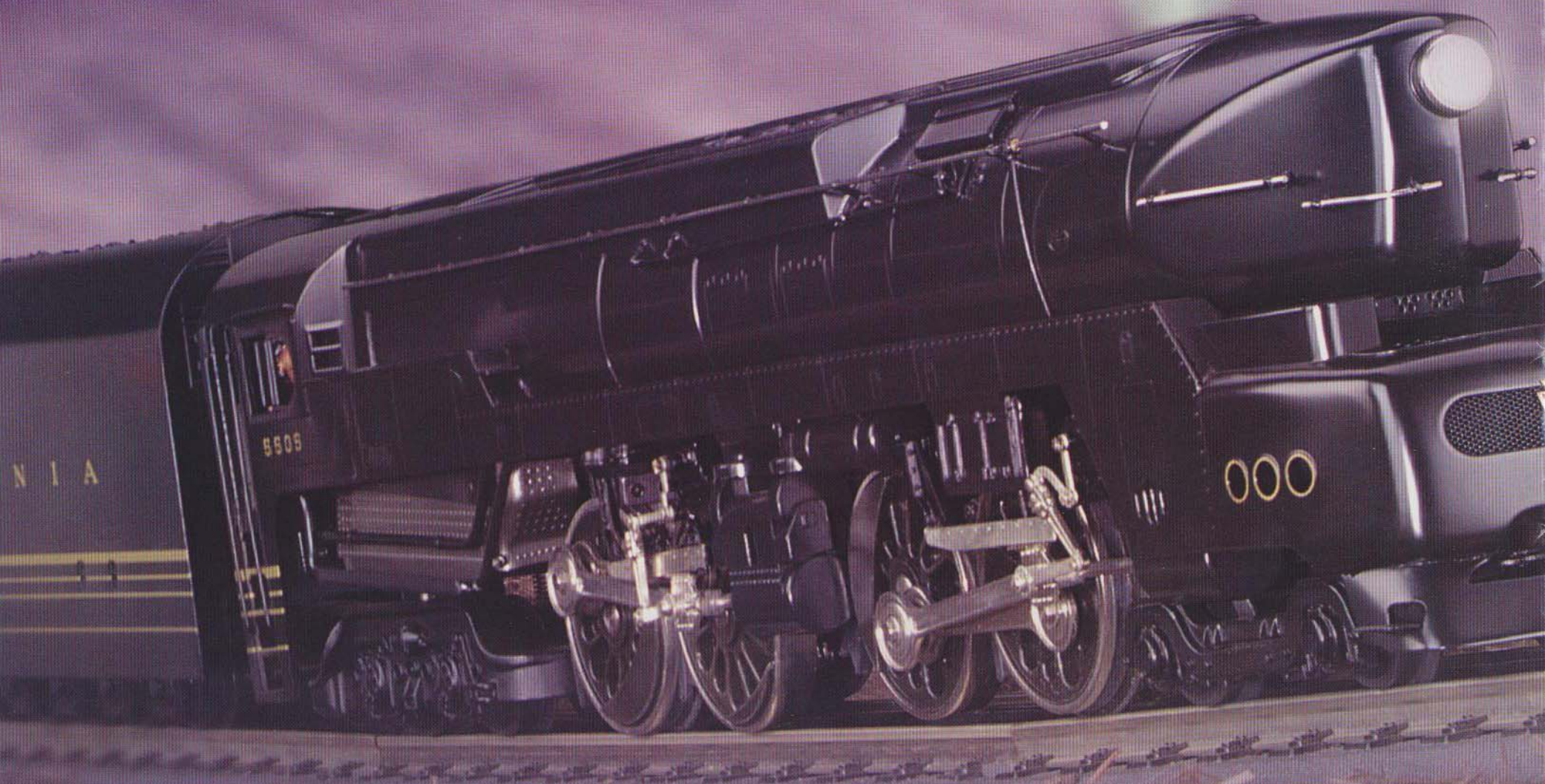
Norfolk & Western, 2-6-6-4 Class A Steamer  
Item No. 20-3036-1, 3-Rail w/Proto-Sound®  
Item No. 20-3036-2, 2-Rail

## FEATURES INCLUDE

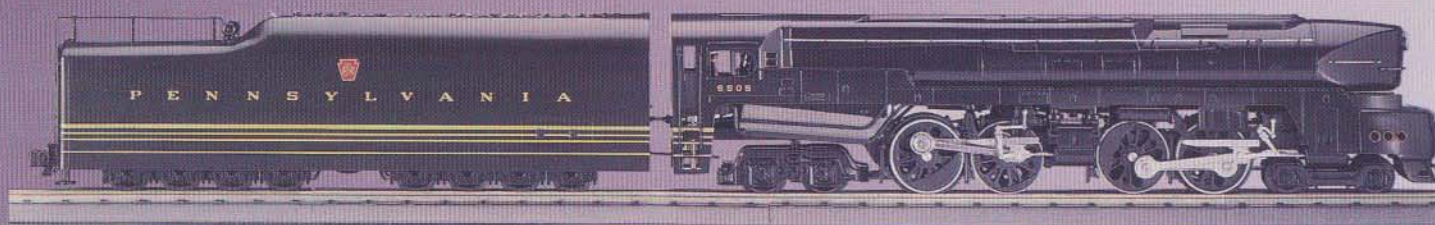
- Die-Cast Boiler and Tender Bodies
- Constant Voltage Headlight
- Die-Cast Truck Sides
- Precision Pittman® Flywheel-Equipped Motor
- Remote Controlled Proto-Coupler®
- Firebox Glow
- 2 or 3 -Rail Versions
- Metal Handrails and Decorative Whistle
- Proto-Sound® Digital Sound and Train Control System with Squeaking Brakes and Freight Yard Proto-Effects™ Sounds By **OSI**
- Lighted Cab interior
- Metal Engineer and Fireman Figures
- Operating ProtoSmoke® System
- Operates on O-72 Curves
- Measures: 30" x 2 5/8" x 4"



P R E M I E R   S T E A M E R S



NEW



*Look For A Matching Pennsylvania Passenger Car Set in the Next M.T.H. Catalog*

Pennsylvania, 4-4-4 T-1 Duplex Steamer  
 Item No. 20-3043-1, 3-Rail w/Proto-Sound®  
 Item No. 20-3043-2, 2-Rail

## 4-4-4-4 T-1 Duplex Steamer

The M.T.H. Premier 4-4-4-4 T-1 Duplex Steam Engine is a classic example of railroad motive power. In reality the rugged built 4-4-4-4 style of engine was an engineering modification of the well-known and favored, 4-8-4. With its doubled cylinders and machinery, the 4-4-4-4 offered considerable power, as well as a number of other practical advantages over the 4-8-4. The locomotive's construction consisted of lighter machinery, shorter cylinder strokes, smaller and lighter moving parts, lower piston thrust, small cylinders, and a rigid frame. When the engine was produced, the PRR insisted they be made with Poppet valves.



Ultimately the Poppet valve maintenance costs were found to be too high, and as a result, performance of the T-1 suffered.

Over the years many distinctive engines became a part of the Pennsy Roster of equipment, but none were so admired for its character, style and public favor. Now M.T.H. offers this unique locomotive in the markings of the PRR. This powerful locomotive is equipped with Proto-Sound Digital Sound and Train Control System featuring squeaking brakes, passenger station Proto-Effects™ Sounds by QSI. Additional features are listed.

## FEATURES INCLUDE

- Die-Cast Boiler and Tender Bodies
- Constant Voltage Headlight
- Die-Cast Truck Sides
- Precision Pittman® Flywheel-Equipped Motor
- Remote Controlled Proto-Coupler®
- Firebox Glow
- Metal Handrails and Decorative Whistle
- Proto-Sound® Digital Sound and Train Control System with Squeaking Brakes and Passenger Station Proto-Effects™ Sounds By **QSI**
- Lighted Cab interior
- Metal Engineer and Fireman Figures
- Operating ProtoSmoke® System
- Operates on O-72 Curves
- Measures: 31 1/4" x 2 5/8" x 3 7/8"



PREMIER STEAMER





*Look For A Matching Pennsylvania Passenger Car Set in the Next M.T.H. Catalog*

## 4-4-2 Atlantic Steamer

First appearing in the early 1900's, the 4-4-2 Atlantic quickly gained acceptance among railroad men as a viable replacement for the aging fleet of 4-4-0 Americans. Praised for their ability to meet fast schedule requirements, the Atlantic quickly became the standard for mainline, heavy-duty power.

Pennsylvania's E-6 Atlantics ultimately became everyone's favorite despite never being equipped with modern engineering conveniences like stokers, feedwater heaters or power reversers. They required a lot of work, but earned the



praise as the "nicest hand fired engines ever built". Capable of achieving top speeds of 100 mph, the E-6 would get a little "tipsy" around 75 mph before smoothing out at 80 mph. This top heavy sensation often scared the E-6's crew, but once settled, the engine could keep right on climbing with no effect on riding quality.

The E-6 makes its debut in the Premier Line Steam Engine family this year. Like all Premier engines, the E-6 comes equipped with standard and optional equipment.

Pennsylvania, 4-4-2 Atlantic Steamer  
Item No. 20-3038-1, 3-Rail w/Proto-Sound®  
Item No. 20-3038-2, 2-Rail

## FEATURES INCLUDE

- Die-Cast Boiler and Tender Bodies
- Constant Voltage Headlight
- Die-Cast Truck Sides
- Precision Pittman® Flywheel-Equipped Motor
- Remote Controlled Proto-Coupler®
- Firebox Glow
- Metal Handrails and Decorative Whistle
- Proto-Sound® Digital Sound and Train Control System with Squeaking Brakes and Passenger Station Proto-Effects™ Sounds By **OSI**
- Lighted Cab interior
- Metal Engineer and Fireman Figures
- Operating ProtoSmoke® System
- Operates on O-31 Curves
- Measures: 19 3/4" x 2 5/8" x 3 5/8"





PREMIER TURBINE ELECTRIC



NEW



*Add a Chesapeake & Ohio Passenger Set  
See Page 51*

Chesapeake & Ohio,  
M-1 Steam Turbine Electric  
Item No. 20-3042-1, 3-Rail w/Proto-Sound®  
Item No. 20-3042-2, 2-Rail

## M-1 Steam Turbine Electric

The steam-turbine-electric (S-T-E Principle) locomotive was originally designed in 1938 by General Electric for Union Pacific Railroad, but the design of this engine was based on an oil-fired locomotive. In the 1940s, the Chesapeake & Ohio (C&O) Railroad conferred with officials of Baldwin Locomotive Works and the Westinghouse Electric Company to develop a coal-fired steam-turbine-electric locomotive. The result was the production of the magnificent M-1.


The arrangement of the main components within the unit was somewhat



unusual. The coal bunker was at the front of the locomotive, and it was followed by the cab, locomotive boiler, and turbine generator compartment. Right behind the engine was the 25,000 gallon water tender. The wheel arrangement was 4-8-0-4-8-4 with three axles of each power truck and both axles of the trailing truck powered.

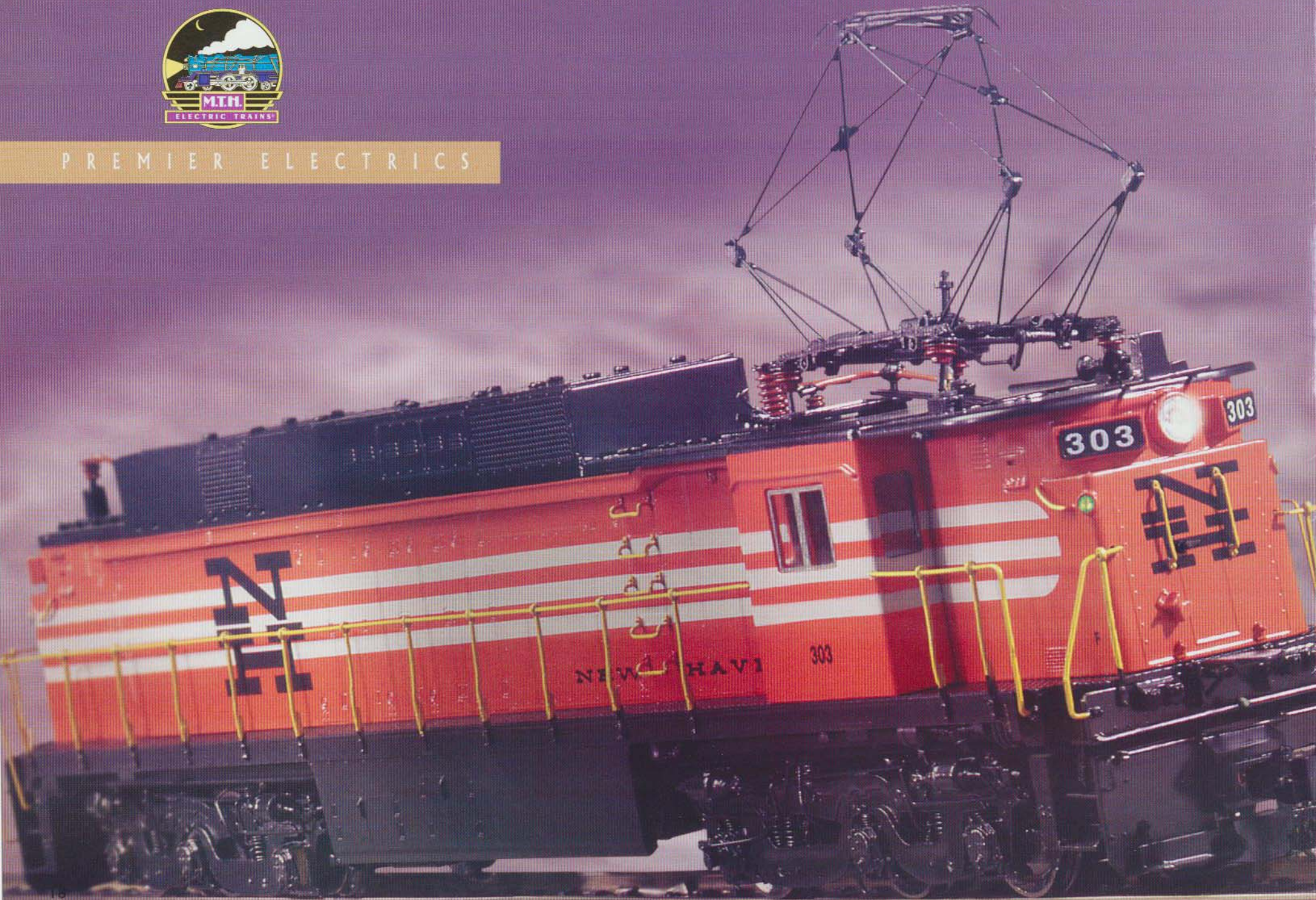
The M.T.H. Premier C&O M-1 Steam Turbine Electric Engine is streamlined with its nose and upper body painted in classic C&O Yellow. This Premier Engine is realistically detailed and it includes the special features.

## FEATURES INCLUDE

- Constant Voltage Headlight
- ABS Intricately Detailed Boiler
- Die-Cast Tender Body
- Two Remotely Controlled Proto-Couplers®
- Operates On O-72 Track
- Metal Handrails and Decorative Horn
- Opening Cab Doors
- Available In 2 or 3-Rail Versions
- Illuminated Number Boards
- Two Precision Flywheel-Equipped Motors
- Lighted Marker Lights
- Operating ProtoSmoke® System
- Metal Chassis
- All Metal Wheels and Gears
- Lighted Cab Interior
- 2 Engineer Cab Figures
- Proto-Sound® Digital Sound and Train Control System Featuring Squeaking Brakes and Passenger Station Proto-Effects™ Sounds By 
- Locomotive Set Measures: 39" x 2 1/2" x 4"



PREMIER ELECTRICS





*Add a New Haven or Conrail 6-Car Freight Set  
See Pages 42 & 43*

## Rectifier Electrics

The operating history of the Rectifier Electric Locomotive dates back to the 1890s when Peter Cooper-Hewitt discovered how a mercury rectifier actually works. About the same time, Charles Steinmetz of General Electric (GE) was also working on this operating principle to identify converters for commercial and industrial applications for the process. A railway vehicle application occurred in 1906, which initiated years of rail car experimentation on a few railroad lines. Following World War II, a device known as the Ignition came to the forefront in the experimentation of rectifier technology. The use of the Ignition on railway units helped to open the door for electrification and modernization of railroads.



The E-33 Rectifier Electric Train has a somewhat complicated history in that it first made an appearance as the Virginian EL-3a. Once the Virginia Railway merged with the Norfolk & Western, these locomotives were classified as EF-4s. That's when the New Haven Railroad bought several of them for \$20,000 each.

The E-33 Rectifier Electric Locomotive represents a significant point in the electrification and modernization of railroads. The M.T.H. Premier Line E-33 Rectifier Electric Locomotive reflects the importance of this engine in its authentic detail and special features listed.

New Haven, Rectifier Electric  
Item No. 20-5508-1

Conrail, Rectifier Electric  
Item No. 20-5509-1

## FEATURES INCLUDE

- Directionally Controlled Headlights
- Intricately Detailed ABS Body
- Die-Cast Trucks, Pilots and Undercarriage Detail
- Two Remotely Controlled Proto-Couplers®
- Operates on O-31 Track
- Operating Metal Pantographs
- Metal Handrails and Decorative Bell
- Metal Chassis
- 2 Precision Flywheel-Equipped Motors
- All Metal Wheels and Gears
- Lighted Cab Interior
- 2 Engineer Cab Figures
- Proto-Sound® Digital Sound and Train Control System Featuring Squeaking Brakes and Freight Yard Proto-Effects™ Sounds By **QSI**
- Measures: 16 7/16" x 2 1/2" x 3 1/2"



PREMIER DIESELS

## SD-70MAC Diesels

Before the SD70 MAC made its appearance at the beginning of the 1990s, the standard for diesel engines was a DC traction motor. However, with more horsepower and increased traction to the rails, AC power has become the more desirable alternative.



General Motors' EMD railroad division received its first major bid from Burlington Northern, (BN) which invested \$675 million to make 350 SD70 MACs. In December 1993, BN received its first MAC and ushered in a new era of diesel motive power. Since then, the BN has merged with the Santa Fe to form the BNSF.

In 1997, M.T.H. released the first BNSF SD70 MAC diesel for the O Gauge market. This year, M.T.H. will be releasing two additional BNSF paint schemes as well as a CSX version of railroading's current motive power of choice. Choose from any or all of these exciting paint schemes and enjoy the long list of standard features listed.





BNSF (Pumpkin Scheme), SD-70MAC Diesel  
Item No. 20-2215-1

BNSF (Blue), SD-70MAC Diesel  
Item No. 20-2221-1

CSX, SD-70MAC Diesel  
Item No. 20-2224-1

*Add a BNSF 6-Car Freight Set - See Page 43*



## FEATURES INCLUDE

- Directionally Controlled Headlights
- ABS Intricately Detailed Body
- Die-Cast Trucks, Pilots and Fuel Tanks
- Two Remotely Controlled Proto-Couplers®
- Operates on O-31 Track
- Metal Handrails and Decorative Horn
- Spinning Roof Fans
- Illuminated Number Boards
- Lighted Marker Lights
- Operating ProtoSmoke® System
- Metal Chassis
- 2 Precision Flywheel-Equipped Motors
- All Metal Wheels and Gears
- Lighted Cab Interior
- 2 Engineer Cab Figures
- Proto-Sound® Digital Sound and Train Control System Featuring Squeaking Brakes and Freight Yard Proto-Effects™ Sounds By **QSI**
- Measures: 18 1/2" x 2 5/8" x 4"



*Add a CSX 6-Car Freight Set  
See Page 44*



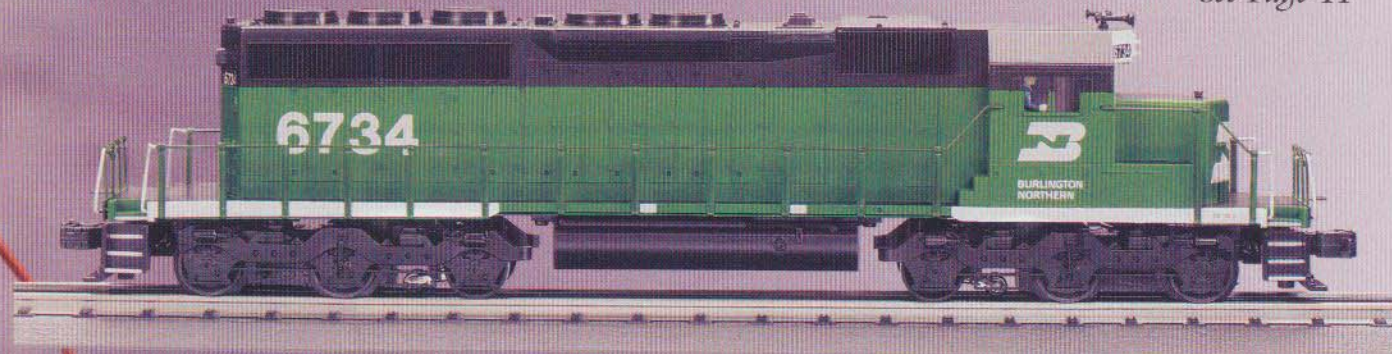
PREMIER DIESELS





Chessie, SD40-2 Diesel  
Item No. 20-2216-1

*Add a Chessie 6-Car Freight Set  
See Page 44*



Burlington Northern, SD40-2 Diesel  
Item No. 20-2217-1

*Add a Burlington Northern 6-Car Freight Set  
See Page 43*

## SD40-2 Diesels

Offering better reliability and lower maintenance costs than the higher powered SD-45, the SD40-2 enjoyed a long production run. The 3,000 horsepower diesel was the primary motive power for many railroads throughout the 1970's and 80's. Eventually, General Motors' Electro Motive Division produced over 3,100 SD40-2's.

One of the most striking features of the EMD workhorse was its long "back porch" or decking that extended in front and behind the locomotive's cab. These porches differentiated the SD40-



2 from its earlier cousin, the SD35 and were the result of the SD40-2's requirement for a longer frame which helped increase the locomotive tractive effort.

The SD40-2 returns to the M.T.H. lineup and is ready to perform on your layout as well as it did on the real railroad. Choose from two exciting paint schemes, each of which is available with the special features listed.

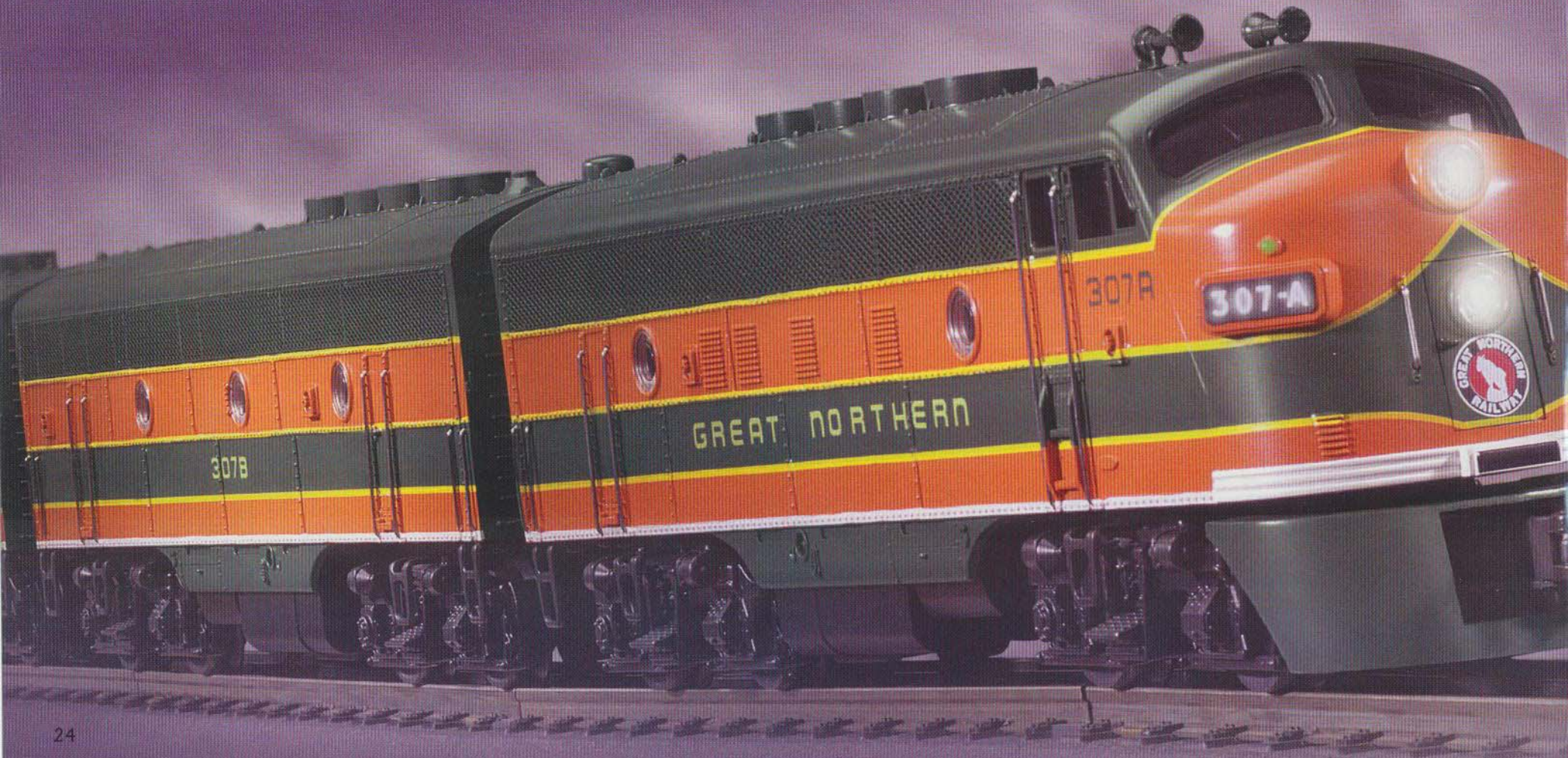
## FEATURES INCLUDE

- Directionally Controlled Headlights
- ABS Intricately Detailed Body
- Die-Cast Trucks, Pilots and Fuel Tanks
- Two Remotely Controlled Proto-Couplers®
- Operates on O-31 Track
- Metal Handrails and Decorative Horn
- Spinning Roof Fans
- Illuminated Number Boards
- Lighted Marker Lights
- Metal Chassis
- 2 Precision Flywheel-Equipped Motors
- All Metal Wheels and Gears
- Lighted Cab Interior
- 2 Engincer Cab Figures
- Proto-Sound® Digital Sound and Train Control System Featuring Squeaking Brakes and Freight Yard Proto-Effects™ Sounds By **OSI**
- Measures: 17 5/8" x 2 3/4" x 3 3/4"





PREMIER DIESELS





*Add a Santa Fe 6-Car Freight Car Set  
See Page 44*



*Add a Pennsylvania 6-Car Freight Car Set  
See Page 43*



*Add a Great Northern Passenger Car Set  
See Page 51*

## F-3 ABA Diesel Sets

O Gauge model railroading has never had a more popular diesel locomotive than General Motors F-3. Appearing as an O Gauge engine shortly after the first F-3 locomotives began appearing on the nation's railroads in 1946, the O Gauge F-3 has actually been in use longer than its real life counterpart.

Demonstrating remarkable proficiency at both fast-passenger and heavy-freight service, the real F-3s flexibility cemented it as a mainstay on most large railroads. These 1,500 horsepower units were so successful that the F-3 is credited with accelerating many railroads'



path to diesclization. The engine's initial field tests were conducted among 20 different railroads, winning over many diesel doubters with their fuel efficiency and easy maintenance.

Like the real railroad's penchant for utilizing the F-3's sleek streamlined shape as a way to show off the road's colors, M.T.H. has long utilized the F-3 as a way to show off our abilities. These latest three roadnames are M.T.H.'s 27th, 28th and 29th versions of EMD's classic Bulldog.

Santa Fe, F-3 ABA Diesel Set  
Item No. 20-2219-1

Pennsylvania, F-3 ABA Diesel Set  
Item No. 20-2218-1

Great Northern, F-3 ABA Diesel Set  
Item No. 20-2220-1

## FEATURES INCLUDE

- Directionally Controlled Headlights
- ABS Intricately Detailed Bodies
- Die-Cast Trucks, Pilots and Fuel Tanks
- Two Remotely Controlled Proto-Couplers® On Each ABA Set
- Operates on O-31 Track
- Metal Handrails and Decorative Horn
- Spinning Roof Fans
- Opening Cab Doors
- Illuminated Number Boards
- Lighted Marker Lights
- Metal Chassis
- 2 Precision Flywheel-Equipped Motors In Each A Unit
- All Metal Wheels and Gears
- Lighted Cab Interior
- 2 Engineer Cab Figures In Each A Unit
- Proto-Sound® Digital Sound and Train Control System Featuring Squeaking Brakes and Freight Yard or Passenger Station Proto-Effects™ Sounds By **OSIN**
- ABA Set Measures: 40 1/4" x 2 1/2" x 3 7/8"



PREMIER DIESELS





*Add a Milwaukee Road Passenger Car Set  
See Page 51*



*Add a Santa Fe Passenger Car Set  
See Page 51*

## DL-109 Diesels

Also replicated Electro-Motive's plans to produce its first streamlined road passenger diesels by manufacturing a twin engine 2000 horsepower unit. The DL-109 unit was powered by two six cylinder turbocharged 539T series engines, and differed slightly from the DL-103b, DL-105 and DL-107 in external design. The major noticeable differences in outward appearance of these diesels were the number of headlights (one or two), and the nose treatment of the engine. (There were two sets of radiator grilles located next to each engine as opposed to being grouped at the back of the unit.) The



DL-109 had extremely high gearing which made it able to attain a speed of 120 mph. These diesel locomotives were designed by Otto Kuhler and appeared on the railroad scene in 1941.

The Milwaukee Road and Santa Fe were always considered to be extraordinary and colorful lines. The M.T.H. Premier Line DL-109 Diesel Engine clearly reflects the characteristics of these historic roads with their beautiful paint schemes recreated on each powerful O Gauge locomotive. Each engine comes equipped with the long list of features.

Milwaukee Road, DL-109 Diesel  
Item No. 20-2222-1

Santa Fe, DL-109 Diesel  
Item No. 20-2223-1

## FEATURES INCLUDE

- Directionally Controlled Headlights
- ABS Intricately Detailed Body
- Die-Cast Trucks, Pilots and Fuel Tanks
- Two Remotely Controlled Proto-Couplers®
- Operates on O-42 Track
- Metal Handrails and Decorative Horn
- Spinning Roof Fans
- Illuminated Number Boards
- Operating ProtoSmoke® System
- Opening Cab Doors
- Metal Chassis
- 2 Precision Flywheel-Equipped Motors
- All Metal Wheels and Gears
- Lighted Cab Interior
- 2 Engineer Cab Figures
- Proto-Sound® Digital Sound and Train Control System Featuring Squeaking Brakes and Passenger Station Proto-Effects™ Sounds By **OSIN**
- Measures: 18 7/8" x 2 3/8" x 3 1/2"



## PREMIER DIESELS

### GP38-2 Diesels

In the late 1960s, General Motors EMD Division responded to repeated complaints about the dependability of the GP30 and GP35 with the GP38 "General Purpose" diesel locomotive. A descendant of the famous EMD F Series, the GP38-2 became just as much a staple on railroads in its time as the F units were in theirs.

While the GP38-2's prime mover provided less horsepower than its contemporaries, its excellent reputation made it one of the best selling Geeps ever. Almost every domestic railroad, big or small, has had its name painted on the side of a GP-38. Many of these locomotives are still in use

today, in spite of the fact that the fleet is well past its twentieth anniversary.

The GP38-2 can now be a stalwart on your railroad just as it was and is on today's roads. Choose from three exciting paint schemes, each of which is available with the special features listed.





Long Island Railroad, GP38-2 Diesel  
Item No. 20-2226-1



Bangor & Aroostook, GP38-2 Diesel  
Item No. 20-2227-1



Canadian National, GP38-2 Diesel  
Item No. 20-2228-1

## FEATURES INCLUDE

- Directionally Controlled Headlights
- ABS Intricately Detailed Body
- Die-Cast Trucks, Pilots and Fuel Tanks
- Two Remotely Controlled Proto-Couplers®
- Operates on O-31 Track
- Metal Handrails and Decorative Horn
- Spinning Roof Fans
- Illuminated Number Boards
- Lighted Marker Lights
- Metal Chassis
- 2 Precision Flywheel-Equipped Motors
- All Metal Wheels and Gears
- Lighted Cab Interior
- 2 Engineer Cab Figures
- Proto-Sound® Digital Sound and Train Control System Featuring Squeaking Brakes and Freight Yard Proto-Effects™ Sounds By 
- Measures: 15 3/8" x 2 3/4" x 3 7/8"



## PREMIER DIESELS

### F-3 B Units

The F-3's sleek streamlined shape housed a powerful 1500 horsepower power plant that sometimes fell short of expectations. Depending on consist lengths and route conditions, many railroads opted to purchase additional power units that contained no cab. These cab-less B Units were used with the engineer controlled A Units and gave railroads additional power when conditions warranted it.

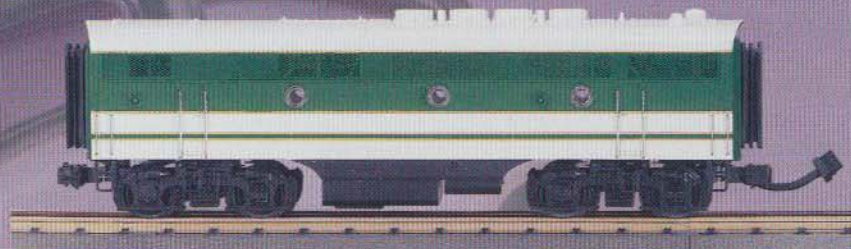
By adding a non-powered B Unit to your earlier Premier Line F-3 ABA consist, model railroaders can create the incredible sight of an ABBA lash-up and almost feel the rumble and excitement that a long, colorful diesel consist created when it appeared on a railroad's route.

#### FEATURES INCLUDE

- Durable ABS bodies
- Stamped Metal Chassis
- Die-cast Trucks with Metal Wheels and Axles
- Die Cast Fuel Tank
- Metal Body Grills
- Operates on O-31 Track
- Metal Couplers
- Measures: 13 1/4" x 2 1/2" x 3 7/8"



New York Central, B Unit  
Item No. 20-2176-3



Southern, B Unit  
Item No. 20-2177-3



Southern Pacific, B Unit  
Item No. 20-2199-3



Reading, B Unit  
Item No. 20-2198-3

# *Southern Pacific Auxiliary Water Tender*

Southern Pacific, Auxiliary Water Tender  
Item No. 20-3037



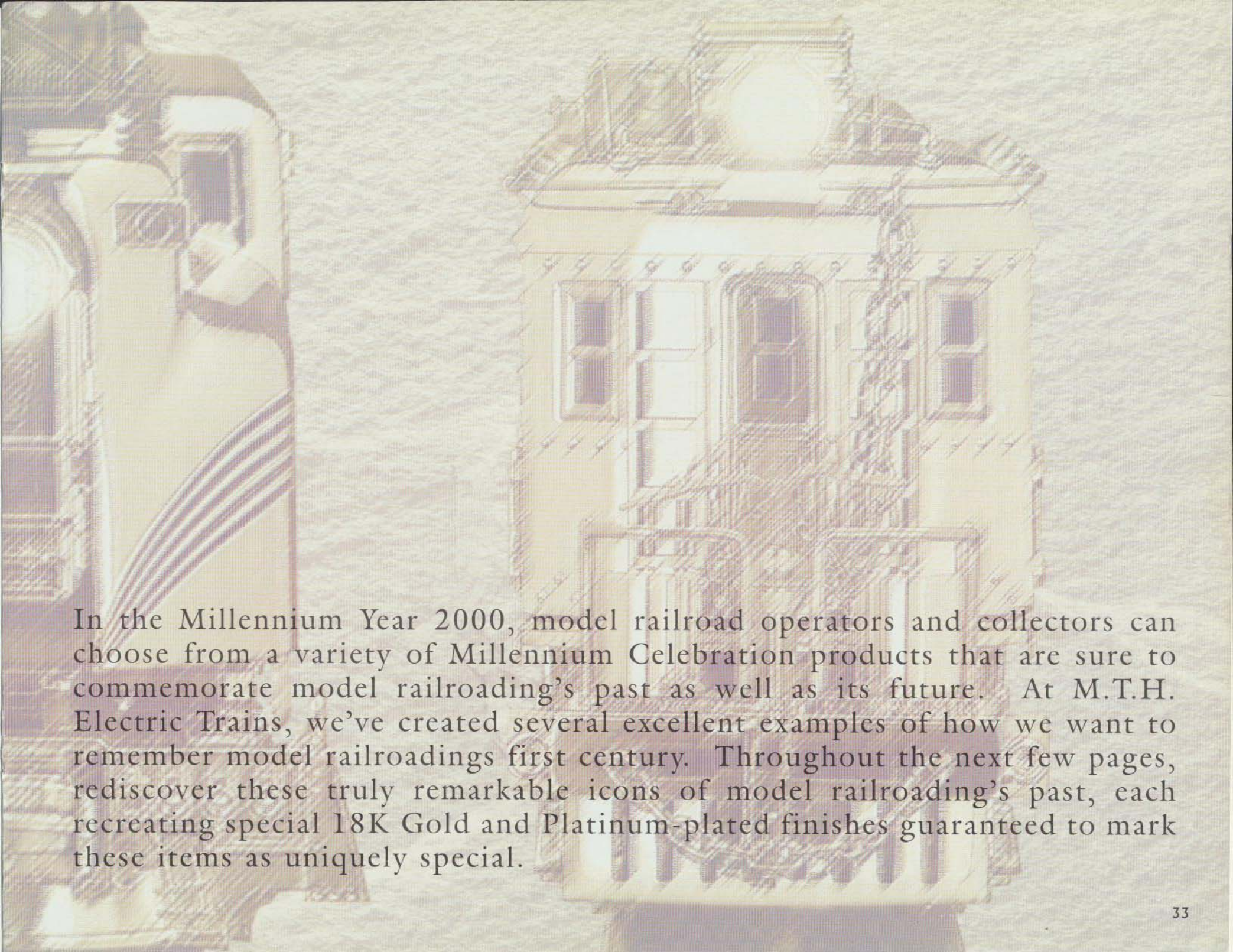
*CA* Adding a full scale die-cast water tender behind your Southern Pacific Gs-4 makes a great way to complete the prototypical look of this streamlined masterpiece. Quality constructed of die-cast metal and featuring die-cast trucks with operating Proto-Couplers®, the water tender comes equipped with a plug-in harness that allows full synchronization of the water tender Proto-Coupler® with the Proto-Sound® sound system inside your regular Gs-4 tender.







Celebrate the New Millennium



In the Millennium Year 2000, model railroad operators and collectors can choose from a variety of Millennium Celebration products that are sure to commemorate model railroading's past as well as its future. At M.T.H. Electric Trains, we've created several excellent examples of how we want to remember model railroading's first century. Throughout the next few pages, rediscover these truly remarkable icons of model railroading's past, each recreating special 18K Gold and Platinum-plated finishes guaranteed to mark these items as uniquely special.



## PREMIER MILLENNIUM

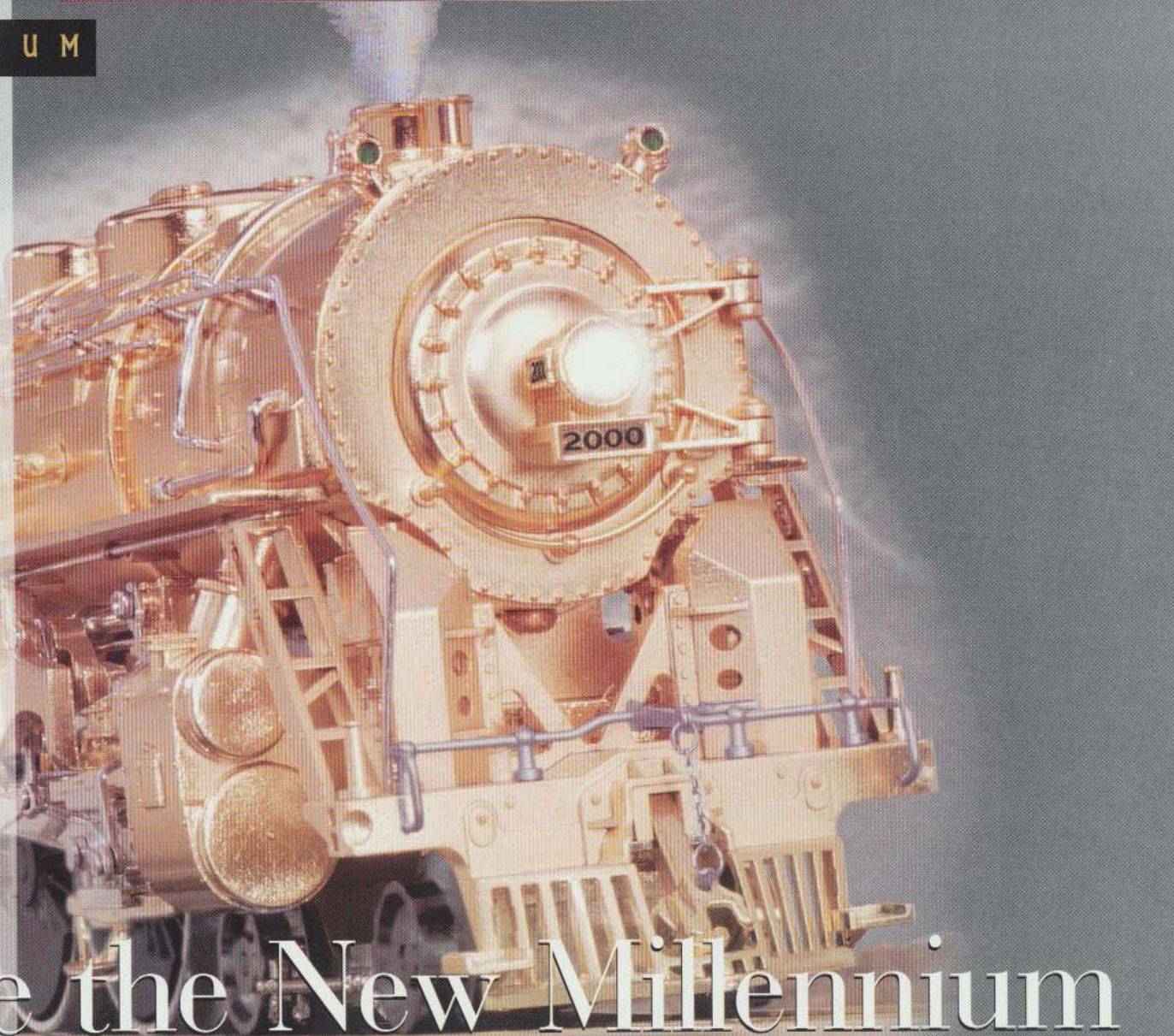
M.T.H. is offering a Premier Millennium Special with the 18K Gold and Platinum-Plated edition of the 4-6-4 J-1e Hudson Steam Engine sporting the New York Central roadname.

In February of 1927, NYC presented its most publicized steam locomotive -- the J-1 Hudson. The J-1s became very well known because they were used in all kinds of advertising. Photos of these engines appeared in a variety of publication media, including calendars and newspaper ads for everything from soup to nuts.

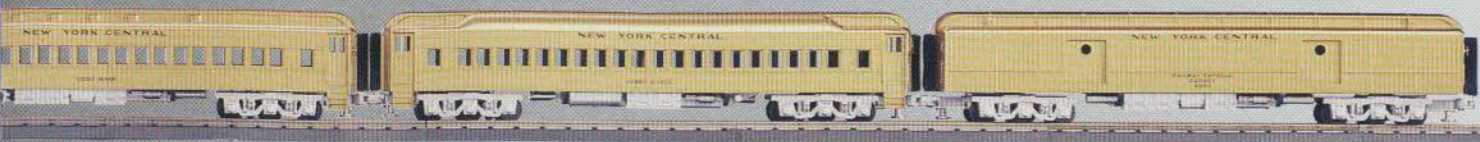


The first 4-6-4 was developed as a result of the huge increase in railroad passenger business in the mid-1920s. The 4-6-4 wheel configuration was necessary to create a more powerful engine with a larger boiler and firebox, capable of hauling a long train of 12 to 14 heavyweight Pullmans.

The Premier Millennium Gold and Platinum-Plated edition of the NYC's 4-6-4 J-1e Hudson Steam Engine is the Mercedes of O Gauge Steam Engines, and an exceptional addition to any model railroad empire. The Premier Millennium Special is available with all of the special features listed.



# Celebrate the New Millennium



New York Central  
5-Car 70' Madison Passenger Set  
Item No. 20-4029



New York Central  
4-6-4 J-1e Hudson Steamer  
Item No. 20-3040-1

New York Central, Y2K Boxcar  
Item No. 20-93037

## FEATURES INCLUDE

### ENGINE

- 18K Gold-Plated Finish
- Die-Cast Boiler and Tender Bodies
- Constant Voltage Headlight
- Die-Cast Truck Sides
- Precision Pittman® Flywheel-Equipped Motor
- Remote Controlled Proto-Coupler®
- Firebox Glow
- Metal Handrails and Decorative Whistle
- Proto-Sound® Digital Sound and Train Control System with Squeaking Brakes and Passenger Station Proto-Effects™ Sounds By **OSI**
- Lighted Cab interior
- Metal Engineer and Fireman Figures
- Operating ProtoSmoke® System
- Operates on O-42 Curves
- Measures: 25" x 2 5/8" x 3 3/4"

### PASSENGER CARS

- 18K Gold-Plated Intricately Detailed Bodies
- Detailed Seat Interiors With Overhead Lighting
- Die-Cast Platinum-Plated 6-Wheel Trucks
- Operating Platinum-Plated Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Operates On O-42 Track
- Decorative Brake Wheels
- Separate Metal Handrails
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Sliding Baggage Car Doors
- Undercarriage Detail
- Each Car Measures: 18" x 2 1/2" x 3 5/8"

### BOX CAR

- Genuine 18K Gold-Plated Body
- Platinum Plated Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Operates On O-31 Track
- Decorative Brake Wheels
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Sliding Box Car Doors
- Stamped Metal Floor
- 1:48 Scale Dimensions

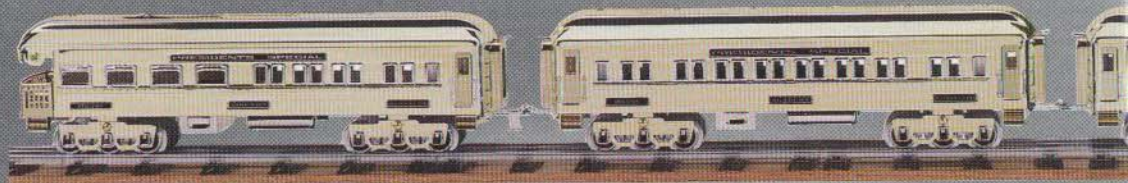


*Add a Matching NYC Gold-Plated Box Car*

# TINPLATE TRADITIONS

By MTH Electric Trains

TINPLATE MILLENNIUM



# Celebrate the New Millennium

NEW

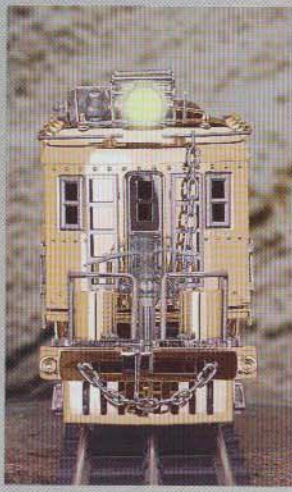


## Millennium Presidential Passenger Set

Millennium lovers will find this special version of one of the most stunning Standard Gauge locomotive sets to ever grace a 3-rail pike particularly attractive. Featuring a twelve-wheel electric locomotive and four matching passenger cars, the original American Flyer® set was handsomely painted in a two-tone Rolls Royce blue paint scheme. The train was named The President's Special and radiated a richness of color and boasted an array of solid brass and polished nickel trim that could not be found in any other toy train of its time.

This extremely limited version of the President's Special has been included in M.T.H.'s Millennium offerings with a

commemorative update of the classic looks and colors of the original President's Special. As with the original, the set features an 19 1/2 inch long locomotive modeled after the New York Central's P2 Box Cab Electric and features a big American Eagle on its front porch. The four matching passenger cars, each measuring 21 inches long, utilize a total of 12 interior lamps and feature brightly polished platinum plating on their six-wheel trucks. The Rolls Royce blue paint found on the original President's Special has been replaced with 18K gold plating resulting in a truly stunning standard gauge creation worthy of the Millennium Celebration.




### FEATURES INCLUDE

#### ENGINE

- 18K Gold-Plated Finish With Platinum Plated Highlights
- Stamped Metal Body
- Die-Cast Pilot Trucks
- Operating Metal Latch Coupler
- Operating Headlight
- Metal Wheels and Axles
- Locomotive Measures: 19 7/8" x 3 3/4" x 6 1/2"

#### AVAILABLE IN TWO CONFIGURATIONS

- Traditional: AC Motor, Ringing Bell and Mechanical E-unit
- Contemporary: Precision Pittman® Motor, and Proto-Sound® Digital Sound and Train Control System Featuring Squeaking Brakes and Passenger Station Proto-Effects™ Sounds By 

#### PASSENGER CAR FEATURES:

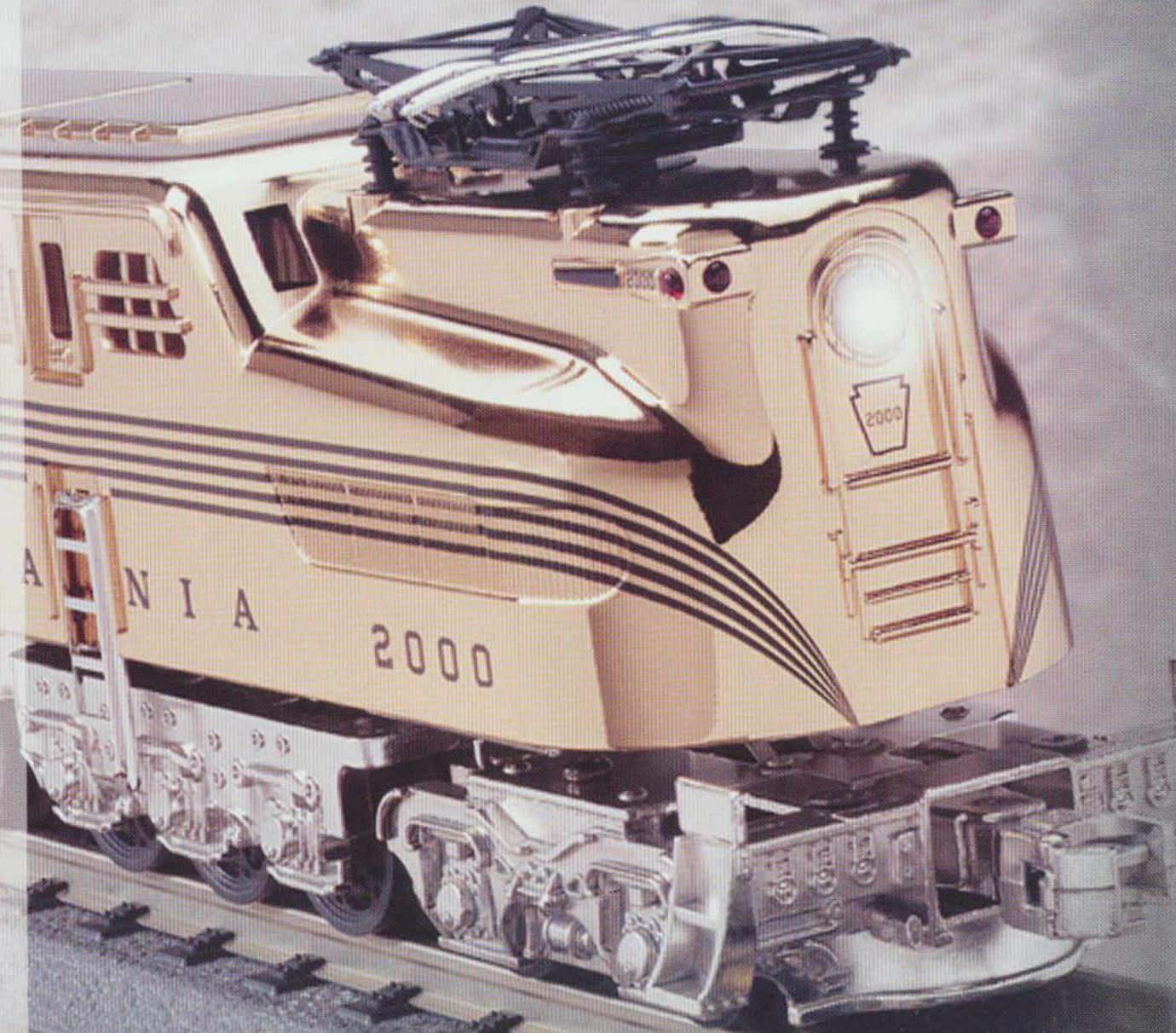
- 18K Gold-Plated Finish With Platinum-Plated Highlights
- Metal Latch Couplers
- Operating Interior Lights
- Detailed Seat Interiors
- Metal Wheels & Axles
- Cars Measure Approximately: 21" x 3 5/8" x 5 1/4"

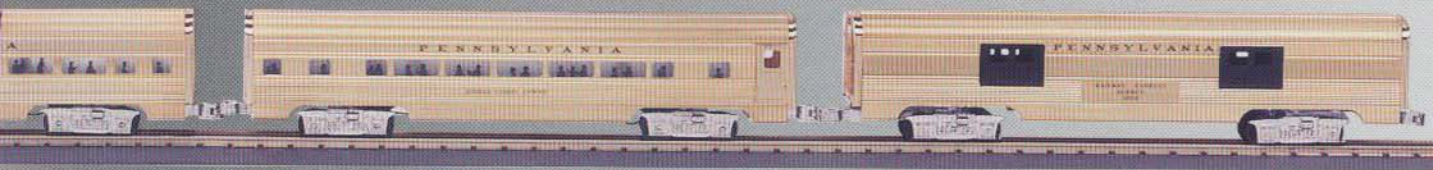


## RAIL KING MILLENNIUM

### *GG-1 Electric Engine and Cars*

The Raymond Loewy inspired GG-1 locomotive was a fixture on the Pennsylvania Railroad for over 30 years. Nothing could match the awesome power produced by its twelve motor, 8,500 horsepower chassis. That strength and glory made the GG-1 one of the most recognizable locomotives of all time and a perfect choice for our Millennium Celebration. For the Celebration, we've chosen our RailKing version of the Pennsy Classic and have mated it up with an optional set of 18K Gold and Platinum-Plated Aluminum Passenger Cars and/or a semi-scale boxcar.





Pennsylvania  
4-Car 60' Aluminum Passenger Set  
18K Gold and Platinum Plated  
Item No. 30-6707

Pennsylvania, GG-1 Electric Engine  
18K Gold and Platinum Plated  
Item No. 30-2514

Pennsylvania, Boxcar  
18K Gold and Platinum Plated  
Item No. 30-7446



## FEATURES INCLUDE

### ENGINE

- 18K Gold-Plated Finish
- Directionally Controlled Headlights
- Durable Die-Cast Metal Body
- Operates On O-31 Track
- Operating Electronic Horn
- Operating Pantographs
- Colorful, Authentic Markings
- Die-Cast Platinum-Plated Trucks With All-Metal Wheels & Gears
- Equipped With DCRU® Electronic Reverse Unit
- 2 Precision Flywheel-Equipped Motors
- Measures Approximately 15" x 2 5/8" x 4"

### PASSENGER CARS

- Genuine 18K Gold-Plated Finish
- Die-Cast Platinum-Plated 4 Wheel Trucks
- Operating Platinum-Plated Die-Cast Couplers
- Authentic Pennsylvania Markings
- Operates On O-31 Curves
- Each Car Features Four Interior Lamps
- Each Car Measures: 16" x 2 1/2" x 3 3/8"

### FREIGHT BOXCAR

- Genuine 18K Gold-Plated Finish
- Platinum Plated Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Operates on O-27 Track
- Decorative Brake Wheels
- Fast-angle Wheel Sets
- Needle-point Axles
- Sliding Car Doors
- Stamped Metal Floor
- Measures Approximately: 11 1/2" x 2 5/8" x 4"







## O-Scale Rolling Stock

Simply put, no other O Gauge manufacturer has released the variety of rolling stock found in the M.T.H. Premier Line. If you want to create or enhance a model railroad with exciting, realistic rolling stock, look no further than MTH Electric Trains.

M.T.H. Premier Line Freight Cars feature precision molded ABS plastic bodies mounted atop die-cast, sprung trucks (excluding some cabooses) with operating metal couplers. Each truck features needle-point axles and fast-angle metal wheels for a smooth rolling quiet ride. Each intricately detailed body sports an attractive paint scheme and detailed graphics that are bound to make these M.T.H. Premier Scale Freight Cars stand out amongst your roster.



In fact, at M.T.H. our designers are always searching for new ways to add more detail to our rolling stock. You'll find that all our Premier Line Cabooses now feature additional detail components like car interiors and separate metal handrails for even further realism.

### FEATURES INCLUDE

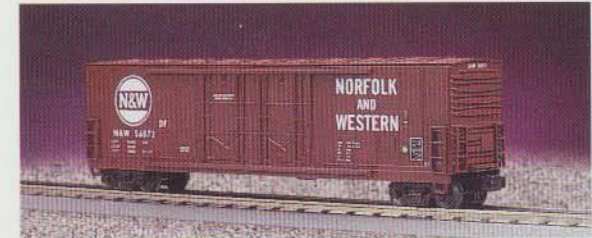
- Durable ABS Intricately Detailed Bodies
- Caboose Interiors With Overhead Lighting
- Die-Cast 4 or 6-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Most Cars Operate On O-31 Track
- Decorative Brake Wheels
- Separate Metal Handrails (on cabooses)
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Sliding Box Car Doors
- Stamped Metal Floors (on most cars)
- 1:48 Scale Dimensions



M.T.H. Transport, Flat Car w/M.T.H.® Die-Cast Fire Trucks  
Item No. 20-98114



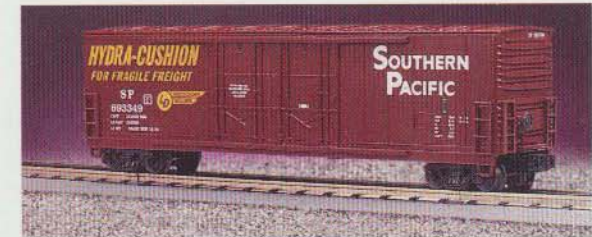
Florida East Coast, 50' Box Car  
Item No. 20-93035



Norfolk & Western, 50' Double Door Plugged Box Car  
Item No. 20-93033



Boston & Maine, 50' Waffle Box Car  
Item No. 20-93028



Southern Pacific, 50' Double Door Plugged Box Car  
Item No. 20-93032



Seaboard, 50' Waffle Box Car  
Item No. 20-93029



Union Pacific Pacific, 50' Double Door Plugged Box Car  
Item No. 20-93034



Boston & Maine, 50' Box Car  
Item No. 20-93036



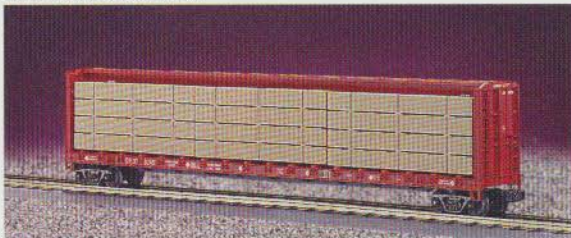
Chessie, Double Door 50' Box Car  
Item No. 20-93031



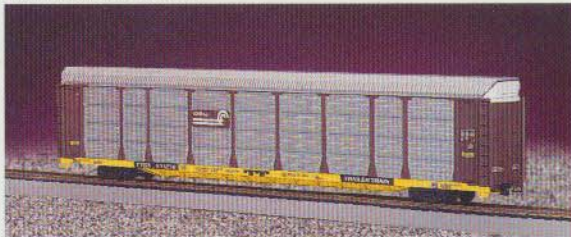
**NEW**  
Great Northern, Flat Car w/Bulkheads  
Item No. 20-98113



**NEW**  
Florida East Coast, Flat Car w/Bulkheads  
Item No. 20-98112



CP Rail Center Beam Flat Car  
Item No. 20-98234



Conrail, Corrugated Auto Carrier  
Item No. 20-20-98241 *18 inches*



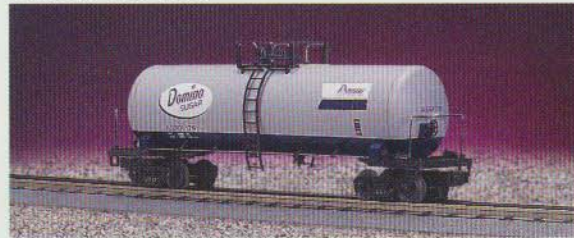
Long Island, Snow Plow  
Item No. 20-98235



Burlington, Extended Vision Caboose  
Item No. 20-91023



Denver Rio Grande, Extended Vision Caboose  
Item No. 20-91024



Domino Sugar, Tank Car  
Item No. 20-92012



Engelhard Chemical, Tank Car  
Item No. 20-92013



Duluth, Missabe & Iron Range, Snow Plow  
Item No. 20-98236



Chicago Northwestern, O Scale Crane  
Item No. 20-98238



Chicago Northwestern, O Scale Crane Tender  
Item No. 20-98240



Santa Fe, O Scale Crane Car  
Item No. 20-98237



Santa Fe, O Scale Crane Tender  
Item No. 20-98239



Chesapeake & Ohio, Reefer Car  
Item No. 20-94014



Norfolk & Western, Steel Caboose  
Item No. 20-91027



Southern, Steel Caboose  
Item No. 20-91025



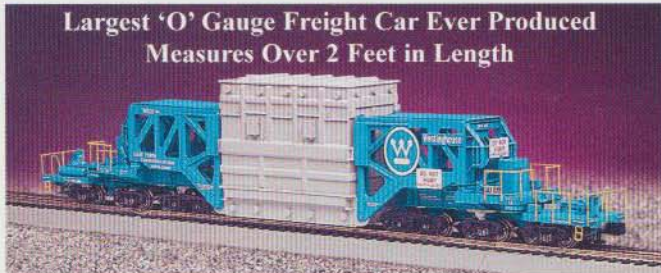
Nestle, Reefer Car  
Item No. 20-94015



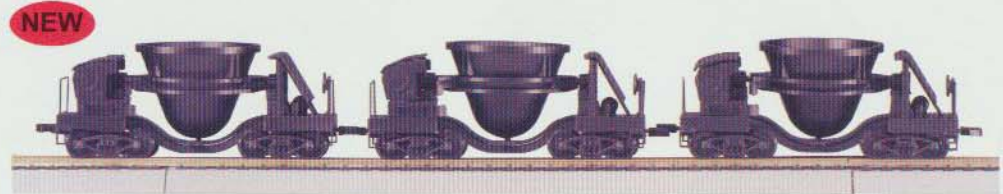
Burlington Northern, Steel Caboose  
Item No. 20-91026



Union Pacific, Steel Caboose  
Item No. 20-91022



Westinghouse, Westinghouse Schnabel  
Item No. 20-98232



3-Car Slag Car Set  
Item No. 20-90011



Conrail, 6 Car Freight Set  
Item No. 20-90009

*Perfect Compliment for the Conrail Rectifier on Page 19*



DMIR, 6 Car Freight Set  
Item No. 20-97507

*Perfect Compliment for the 1999 DMIR Yellowstone*



Burlington Northern, 6 Car Freight Set  
Item No. 20-90014

*Perfect Compliment for the Burlington Northern SD40-2 on Page 23*



Pennsylvania, 6 Car Freight Set  
Item No. 20-90018

*Perfect Compliment for the Pennsylvania F-3 ABA's on Page 25*



BNSF, 6 Car Freight Set  
Item No. 20-90010

*Perfect Compliment for the BNSF SD-70MAC's on Page 21*



New Haven, 6 Car Freight Set  
Item No. 20-90020

*Perfect Compliment for the New Haven Rectifier on Page 19*



Norfolk & Western, 4-Bay Hopper 6 Car Set  
Item No. 20-97061  
Item No. 20-97062

*Perfect Compliment for the Norfolk & Western on Page 11*

*Each Car Individually Numbered*



Chesapeake & Ohio, 6 Car Freight Set  
Item No. 20-90015



New York Central, 6 Car Freight Set  
Item No. 20-90017



Chessie, 6 Car Freight Set  
Item No. 20-90012

*Perfect Compliment for the Chessie SD-40 on Page 23*



Chicago Northwestern, 6 Car Freight Set  
Item No. 20-90016



CSX, 6 Car Freight Set  
Item No. 20-90019

*Perfect Compliment for the CSX SD-70MAC on Page 21*



Santa Fe, 6 Car Freight Set  
Item No. 20-90013

*Perfect Compliment for the Santa Fe F-3 ABA's on Page 24*

# Merger Series™ Freight Car Boxed Sets

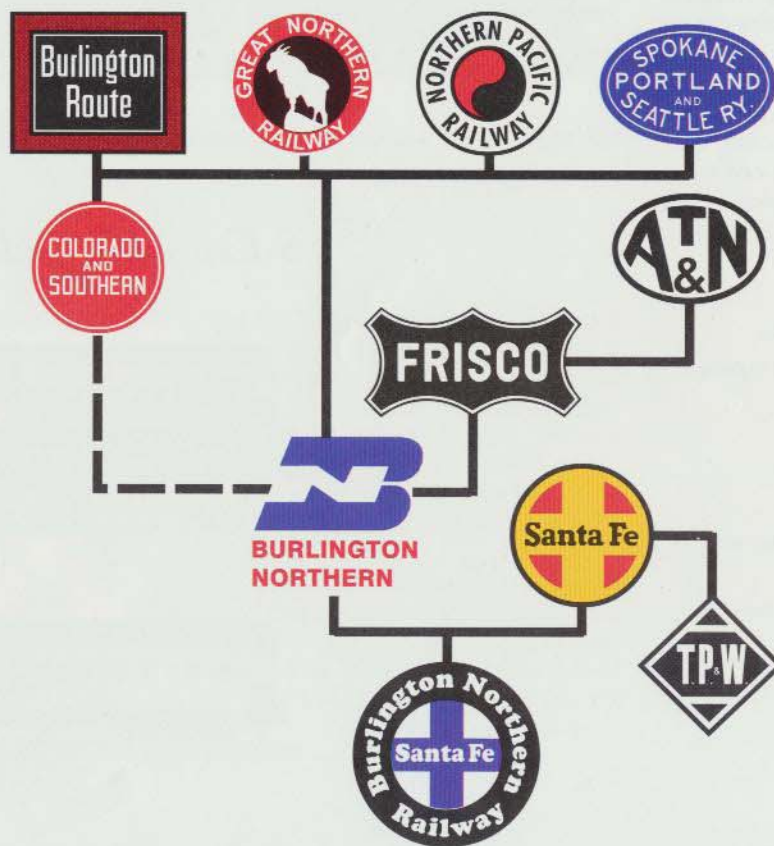


BNSF, Merger Series Freight Car Set - Part II  
Item No. 20-90021

Continuing a tradition started in 1999, the Millennium Year 2000 finds two more additions to M.T.H.'s Merger Series Freight Car Sets. This on-going series will cover the many, many mergers that America's railroads have been involved in over the years. Each series will span several catalogs depending on how many railroads were swallowed up by the final railroad during its acquisition of other roads. In this edition, Part II of our Burlington Northern Merger Series is featured.

## FEATURES INCLUDE

- Durable ABS Intricately Detailed Bodies
- Die-Cast 4 Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Most Cars Operate On O-31 Track
- Decorative Brake Wheels
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Sliding Box Car Doors
- Stamped Metal Floors (on most cars)
- 1:48 Scale Dimensions





## MADISON PASSENGER SET

### *Madison Passenger Sets*

Over the years, MTH has captured many beautiful paint schemes in our Madison passenger sets. Each two-car or five-car set features attractively decorated passenger cars with undercarriage detail, interior seating, overhead lighting, and rubber end-of-car diaphragms. The cars' durably constructed ABS bodies sit atop die-cast metal trucks with operating metal couplers. Each car measures approximately 18" in length.

#### FEATURES INCLUDE

- Durable ABS Intricately Detailed Bodies
- Detailed Seat Interiors With Overhead Lighting
- Die-Cast 6-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Operates On O-42 Track
- 5-Car Sets Feature 1 Baggage, 3 Coaches and 1 Observation Car
- 2-Car Sets Feature 1 Combine and 1 Diner Car
- Decorative Brake Wheels
- Separate Metal Handrails
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Sliding Baggage Car Doors
- Undercarriage Detail
- Each Car Measures: 18 1/8" x 2 1/2" x 3 5/8"



### *5-Car 70' Madison Passenger Car Sets*



## 2-Car 70' Combine Diner Passenger Car Sets



Chesapeake & Ohio, 2-Car 70' Madison Combine/Diner Passenger Set  
Item No. 20-4128



Union Pacific, 2-Car 70' Madison Combine/Diner Passenger Set  
Item No. 20-4131



Chicago Northwestern, 2-Car 70' Madison Combine/Diner Passenger Set  
Item No. 20-4130



Union Pacific, 5-Car 70' Madison Passenger Set  
Item No. 20-4031



Chicago Northwestern, 5-Car 70' Madison Passenger Set  
Item No. 20-4030





## STREAMLINED PASSENGER SET

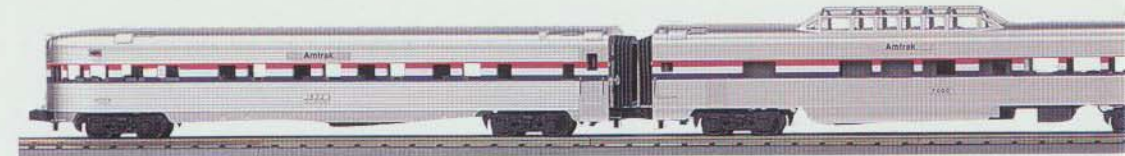
### *Streamlined Passenger Sets*

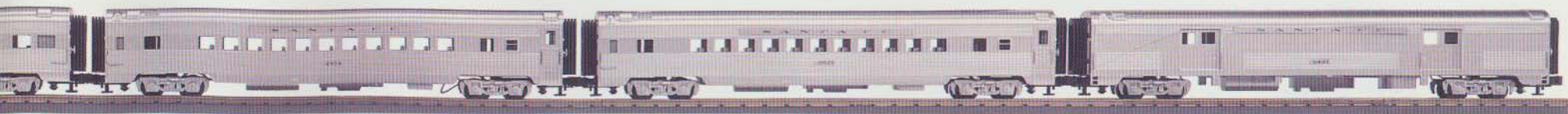
It's hard to match the fun and beauty of a long, sleek passenger train speeding down the rails. Regardless of the road-name, colorful matching passenger cars and locomotives are what make running passenger trains so much fun.

M.T.H. streamlined passenger sets offer unsurpassed detail, fit, finish and value for the O Gauge passenger car lover. Exceptional interior and exterior detail at affordable prices simply cannot be found elsewhere. Featuring undercarriage detail, interior seating, overhead car lighting and rubber end-of-car diaphragms, these passenger cars can be found in single, 2-car and 5-car configurations. Each car, measuring approximately 18 inches in length, sits atop die-cast metal trucks and features operating metal couplers.

#### FEATURES INCLUDE

- Durable ABS Intricately Detailed Bodies
- Detailed Sear Interiors With Overhead Lighting
- Die-Cast 4-Wheel Trucks
- Operating Die-Cast Metal Couplers
- Colorful, Attractive Paint Schemes
- Operates On O-42 Curves
- 5-Car Sets Feature 1 Baggage, 2 or 3 Coaches or Vista Domes & 1 Observation Car
- 2-Car Sets Feature 1 Sleeper and 1 Diner Car
- Decorative Brake Wheels
- Separate Metal Handrails
- Fast-Angle Wheel Sets
- Needle-Point Axles
- Sliding Baggage Car Doors
- Undercarriage Detail
- Each Car Measures: 19" x 2 1/2" x 3 3/8"





*Perfect Compliment for the Santa Fe DL-109 on Page 26*

Santa Fe, 5-Car 70' ABS Passenger Set  
Item No. 20-6543



Cal Zephyr, 5-Car 70' ABS Passenger Set  
Item No. 20-6545



Wabash, 5-Car 70' ABS Passenger Set  
Item No. 20-6546



Canadian Pacific, 5-Car 70' ABS Passenger Set  
Item No. 20-6547



Amtrak, 5-Car 70' ABS Passenger Set  
Item No. 20-6548



## STREAMLINED PASSENGER SET

### *70' ABS Full Length Vista Dome Passenger Cars*



Kansas City Southern  
Item No. 20-6735



Union Pacific  
Item No. 20-6738



Electro Motive Division  
Item No. 20-6734



## 70' ABS Streamlined Passenger Sets



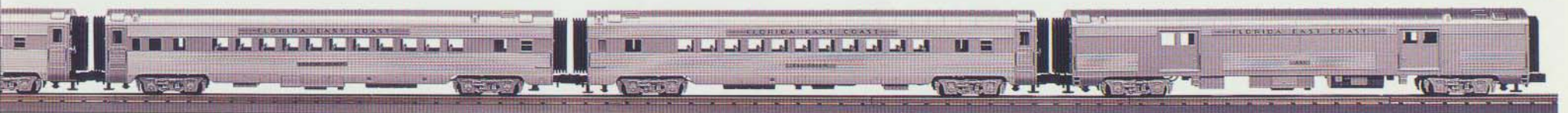
*Perfect Compliment for the Milwaukee Road DL-109 on Page 27*

Milwaukee Road, 5-Car 70' ABS Passenger Set  
Item No. 20-6552



*Perfect Compliment for the Chesapeake & Ohio Class M on Page 17*

Chessie, 5-Car 70' ABS Passenger Set  
Item No. 20-6549

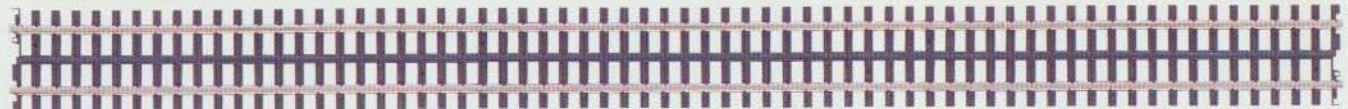


Florida East Coast, 5-Car 70' ABS Passenger Set  
Item No. 20-6550



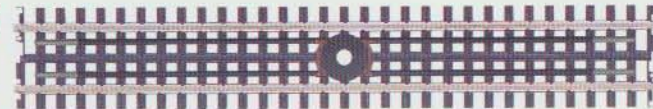
*Perfect Compliment for the Great Northern F-3 ABA Set on Page 25*

Great Northern, 5-Car 70' ABS Passenger Set  
Item No. 20-6551



ScaleTrax™ - 30" Straight Track Section  
Item No. 45-1019

NEW



ScaleTrax™ - 10" Uncoupling Track Section  
Item No. 45-1035

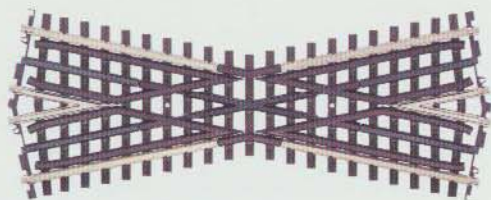
## PREMIER TRACK ACCESSORIES

### ScaleTrax™

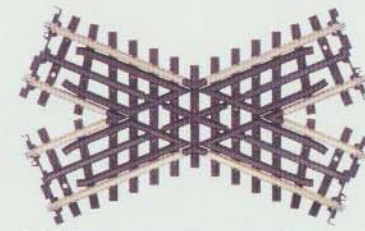
ScaleTrax™ by M.T.H. Electric Trains is the ultimate track layout solution for which detail-oriented scale 3-rail model railroaders are searching. No longer will an O Gauge modeler have to accept the "tubular" track look because ScaleTrax™ offers maximum accuracy and the exceptional quality of MTH products.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

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

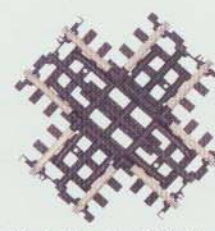
Whether assembling your first layout, adding to a present layout, or replacing your old track, ScaleTrax™ is the most rugged, realistic, scale proportioned, easy-to-use 3-rail scale O-gauge track system available.



ScaleTrax™ - 22° Crossover Track  
Item No. 45-1015



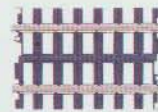
ScaleTrax™ - 45° Crossover Track  
Item No. 45-1006



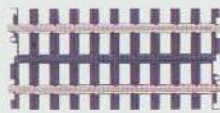
ScaleTrax™ - 90° Crossover Track  
Item No. 45-1005

### FEATURES:

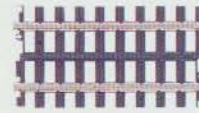
- Solid Nickel Silver Rails
- Low Profile Appearance With "Near Scale" Proportions
- Molded-In Track Section Connections For Easy Assembly



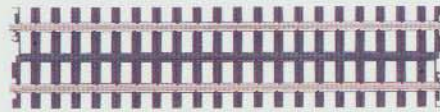
ScaleTrax™ - 3.5" Track Section  
Item No. 45-1011



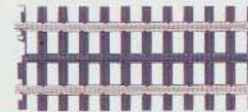
ScaleTrax™ - 5.0" Track Section  
Item No. 45-1013



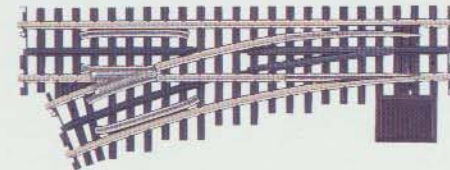
ScaleTrax™ - 4.25" Track Section  
Item No. 45-1012



ScaleTrax™ - 10" Straight Track Section  
Item No. 45-1001

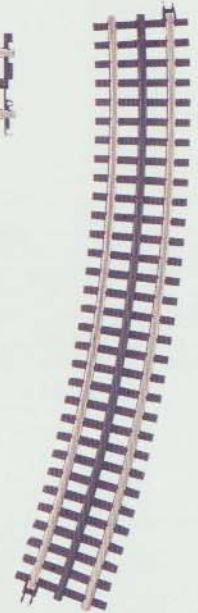


ScaleTrax™ - 5.5" Track Section  
Item No. 45-1014



ScaleTrax™ - 0-72 Switch (LH)  
Item No. 45-1021

ScaleTrax™ - 0-72 Switch (RH)  
Item No. 45-1020



ScaleTrax™ - 0-72 Curved Section  
Item No. 45-1010

### Items not shown

ScaleTrax™ - 0-31 Curved Section  
Item No. 45-1002

ScaleTrax™ - 0-31 Switch (LH)  
Item No. 45-1003

ScaleTrax™ - 0-31 Switch (RH)  
Item No. 45-1004

ScaleTrax™ - 0-54 Curved Section)  
Item No. 45-1007

ScaleTrax™ - 0-54 Switch (LH)  
Item No. 45-1008

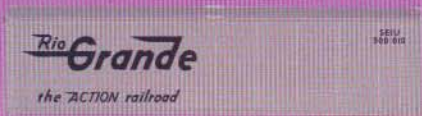
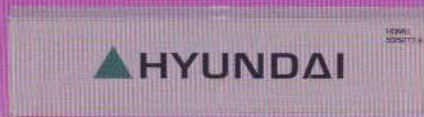
ScaleTrax™ - 0-54 Switch (RH)  
Item No. 45-1009

NEW

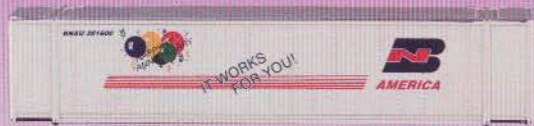
ScaleTrax™ - 0-80 Curved Track Section  
Item No. 45-1034



## PREMIER ACCESSORIES



40' Container Set  
Item No. 20-95038 Measurements: 10" x 2.5" x 2.3"



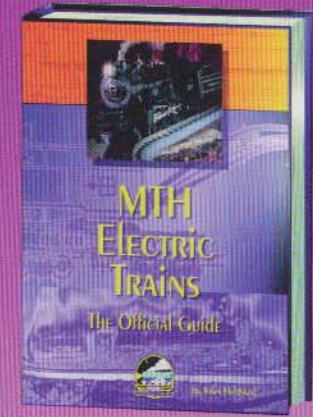
48' Container Set  
Item No. 20-95039 Measurements: 12" x 2.4" x 2.1"



20' Container Set  
Item No. 20-95040 Measurements: 5" x 2.2" x 2"

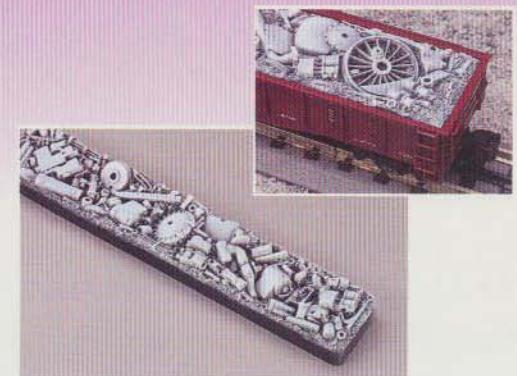


History Video  
Item No. 60-1320



History Book  
Item No. 60-1321

Premier "O" Scale accessories are accurately sized for modelers looking for "near scale" perfection. These exciting accessories are a simple way to expand your O Scale layout. Add an auxiliary tender to your MTH Premier Line Gs-4 Daylight special or replace those loads on MTH Premier Line TTUX sets. Best of all, you can add passengers to any of your Premier Line passenger cars with our passenger figure assortment.



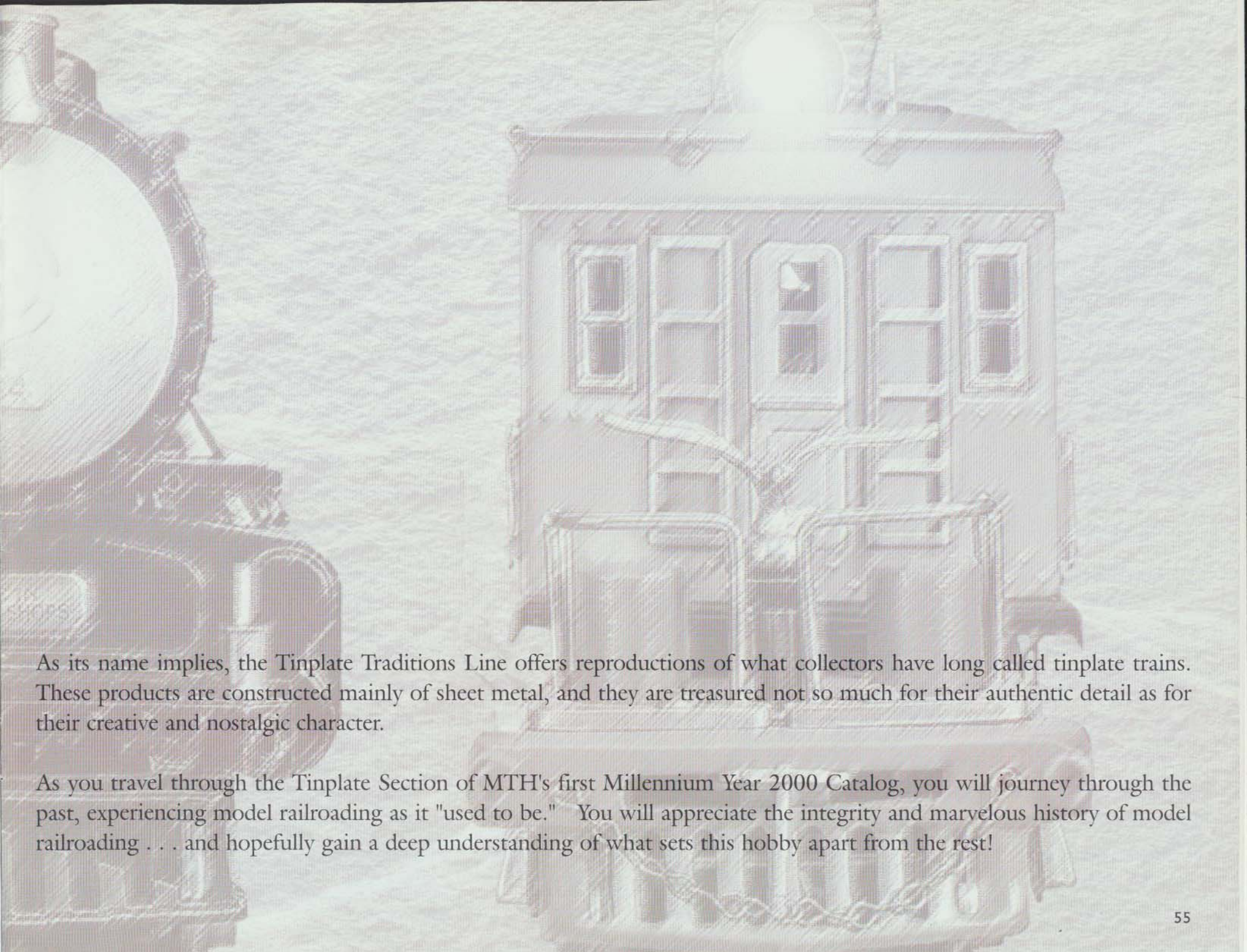
Junk Load  
Item No. 20-30001



# TINPLATE TRADITIONS

M.T.H. founder, Mike Wolf, has always had a special place in his heart for the world of Standard Gauge Model Railroading. As the President of M.T.H., he is immensely proud of our collection of Tinplate Traditions.

At M.T.H., we understand that the hobby of model railroading is rooted deeply in the hearts and minds of many rail-fans. For this reason M.T.H. takes great care in developing and enhancing our Tinplate Traditions Line. The cherished memories and magical moments of days gone by are what is represented in our beautiful collection of Standard Gauge trains and accessories, known as Tinplate Traditions.



As its name implies, the Tinplate Traditions Line offers reproductions of what collectors have long called tinplate trains. These products are constructed mainly of sheet metal, and they are treasured not so much for their authentic detail as for their creative and nostalgic character.

As you travel through the Tinplate Section of MTH's first Millennium Year 2000 Catalog, you will journey through the past, experiencing model railroading as it "used to be." You will appreciate the integrity and marvelous history of model railroading . . . and hopefully gain a deep understanding of what sets this hobby apart from the rest!



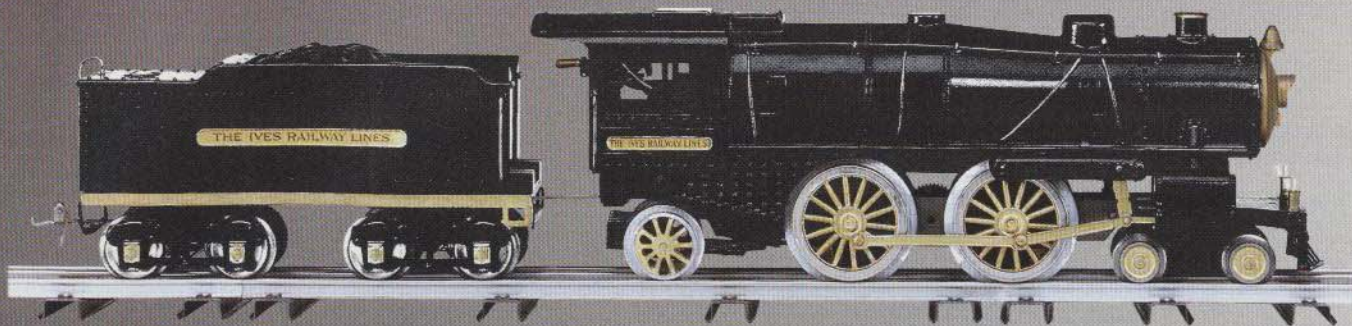
# TINPLATE TRADITIONS™

By MTH Electric Trains®

TINPLATE LOCOMOTIVES



NEW



Black, #1134 Ives Steamer, Contemporary  
Item No. 10-1123-1

Black, #1134 Ives Steamer, Traditional  
Item No. 10-1123-0

## #1134 Ives Steamer

The legendary Ives #1134 Steamer returns to life again as part of the M.T.H. Tinplate Traditions line. One of the the largest Ives standard gauge steamers, the 1134 will evoke memories of yesteryear while (optionally) using the technology of today. Patterned after the Baltimore & Ohio's 4-4-0 President Washington, the die-cast metal boiler and die-cast chassis were released by the Ives Company in various colors and configurations before settling on the 4-4-2 wheel arrangement in 1930.

Like all M.T.H. Tinplate Traditions pieces, the 1134 closely models the orig-




inal of yesteryear. The boiler, tender, and running gear are made entirely of metal. All painted surfaces are decorated with a baked enamel finish. A sure favorite, the beautiful and durable 1134 is the perfect locomotive to pull the Ives Circus Set. Operators will appreciate the option of purchasing their 1134 equipped with a precision Pittman® motor, ProtoSmoke®, and the Proto-Sound® Digital Sound and Train Control System. Traditionalists will enjoy the option of a standard mechanical reversing unit and AC motor.

## FEATURES INCLUDE

- Baked Enamel Finish
- Die-Cast Metal Body
- Die-Cast Metal Chassis
- Operating Metal Coupler
- Operating Headlight
- Metal Wheels and Axles
- Locomotive Measures: 29" x 5 1/4" x 4 1/4"

Available In Two Configurations

- Traditional: AC Motor and Mechanical E-unit
  - Contemporary: Precision Pittman Motor, ProtoSmoke® and Proto-Sound® Digital Sound and Train Control System Featuring Squeaking Brakes and Passenger Station Proto-Effects™
- Sounds By 

# TINPLATE TRADITIONS

## TINPLATE CARS

### *Ives Circus Set*

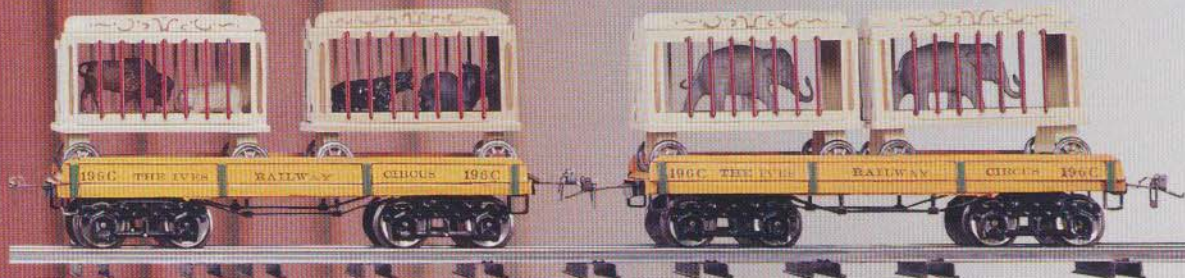
1928 proved to be a monumental year for the Ives Company with the first release of the Railway Circus Set in Wide Gauge, or what we now refer to as Standard Gauge. The set consisted of six cars and was pulled by a #1134 Ives Standard Gauge Steam Locomotive. Each car was brightly painted and featured one of two lettering name plates - "The Ives Railway Circus" or "The Ives Railway Show".

Animal cages were set on two flat cars and the cages had canvas covers which could be rolled down to protect the animals when the train was moving. Each car featured stamped metal construction and metal trucks and wheels but none of the cars used in the Circus Set were ever sold separately, which made them highly prized amongst Ives collectors.

For the first time since 1928, the Ives Circus Cars return to life in the M.T.H. Tinplate Traditions lineup. Like the original Ives creations, the M.T.H. Circus Set features exact reproductions of the original set components employing the same stamped metal construction, detail and colors, thus ensuring an accurate reproduction any collector would be proud to own.



NEW



Ives 6-Car Circus Set  
Item No. 10-1125

## FEATURES INCLUDE

- Stamped Metal Construction
- Brightly Painted, Baked Enamel Finish
- Metal Wheels and Axles
- Mechanical Latch Couplers

## SET FEATURES

- 2 Flat Cars with Animal Cages and Animals
- Stock Car with Horses
- Flat Car with Ticket Booths
- Box Car
- Combine Car

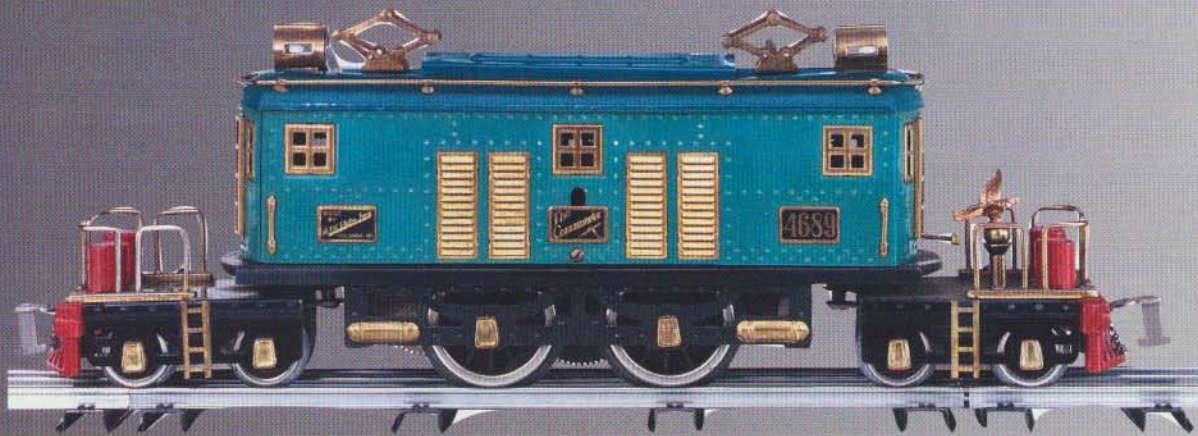
# TINPLATE TRADITIONS™

By MTH Electric Trains®

TINPLATE LOCOMOTIVES



NEW



## Presidential Passenger Set

Perhaps one of the most stunning Standard Gauge locomotive sets to ever grace a 3-rail pike is the original American Flyer® President's Special. Featuring a twelve-wheel electric locomotive and four matching passenger cars, the set was deliciously painted in a two-tone Rolls Royce blue paint scheme. The President's Special simply radiated a richness of color and boasted an array of solid brass and polished nickel trim that could not be found in any other toy train of its time.

Now, for the first time, the classic looks and color of the President's Special come to M.T.H.'s Tinplate Traditions line. The set features an 18 1/2 inch long locomotive modeled after the New

York Central's P2 Box Cab Electric and features a big American Eagle on its front porch. The four matching passenger cars, each measuring 19 inches long, utilize a total of 15 interior lamps and feature brightly polished nickel plating on their six-wheel trucks. There simply is no finer looking standard gauge passenger set.



Standard Gauge lovers can choose to purchase the entire set, locomotive and cars, in two different versions, Traditional or Contemporary. The passenger set and locomotive may also be purchased separately if desired. The features listed below can be found in your President's Set, no matter which option is chosen.


Presidential Passenger Set  
Item No. 10-1122-0, Traditional  
Item No. 10-1122-1, Contemporary

## FEATURES INCLUDE

### LOCOMOTIVE FEATURES:

- Baked Enamel Finish
- Stamped Metal Body
- Die-Cast Pilot Trucks
- Operating Metal Coupler
- Operating Headlight
- Metal Wheels and Axles
- Locomotive Measures: 19 7/8" x 3 3/4" x 6 1/2"

### Available In Two Configurations

- Traditional: AC Motor, Ringing Bell and Mechanical E-unit
- Contemporary: Precision Pittman Motor, ProtoSmoke® and Proto-Sound® Digital Sound and Train Control System Featuring Squacking Brakes and Passenger Station Proto-Effects™  
Sounds By 

### PASSENGER CAR FEATURES:

- Brightly Painted Stamped Metal Bodies
- Metal Latch Couplers
- Operating Interior Lights
- Detailed Seat Interiors
- Metal Wheels & Axles
- Cars Measure Approximately: 21" x 3 5/8" x 5 1/4"

# TINPLATE TRADITIONS

## TINPLATE ACCESSORIES

### *Tinplate Accessories*

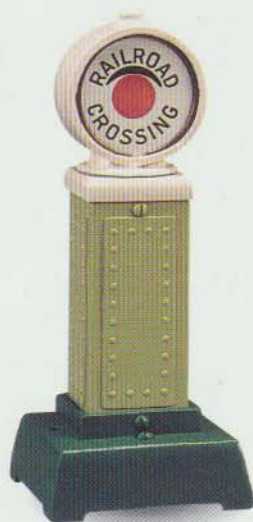
More lights and accessories return to our Tinplate Traditions lineup in full color and durable metal construction. Each full sized lamp and trackside accessory features stamped metal or die-cast construction. There are no plastic bases and poles in any of these accessories.



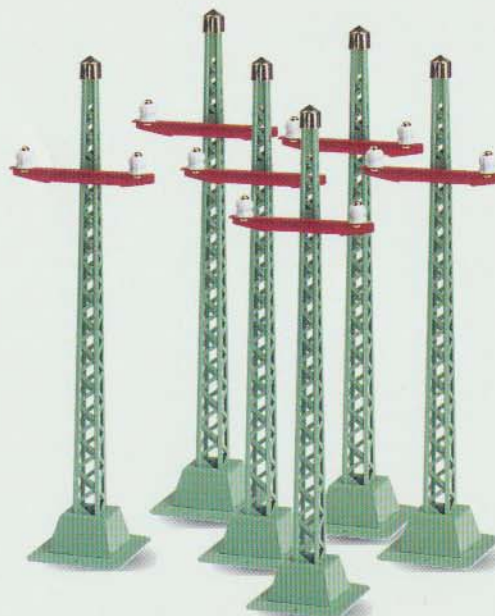
**Switch Tower**  
Item No. 10-1124



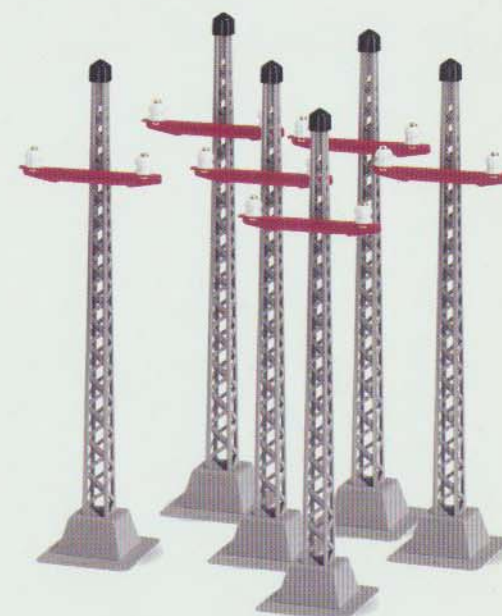
**#78 Std. Gauge Block Signal (orange/green)**  
Item No. 10-1097.



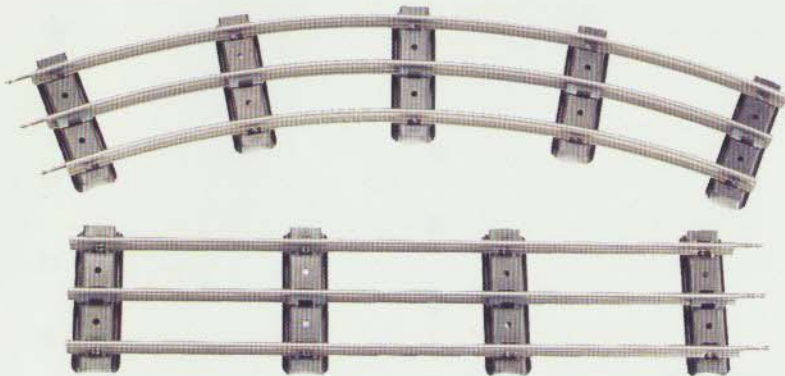
**#87 Railroad Crossing Signal**  
Measures 6 3/4" Tall, Item No. 10-1096.



**# 71 Telegraph Post Set (peacock/red)**  
Measures 8 3/4" Tall, Item No. 10-1094.



**# 71 Telegraph Post Set (gray/red)**  
Measures 8 3/4" Tall, Item No. 10-1093.

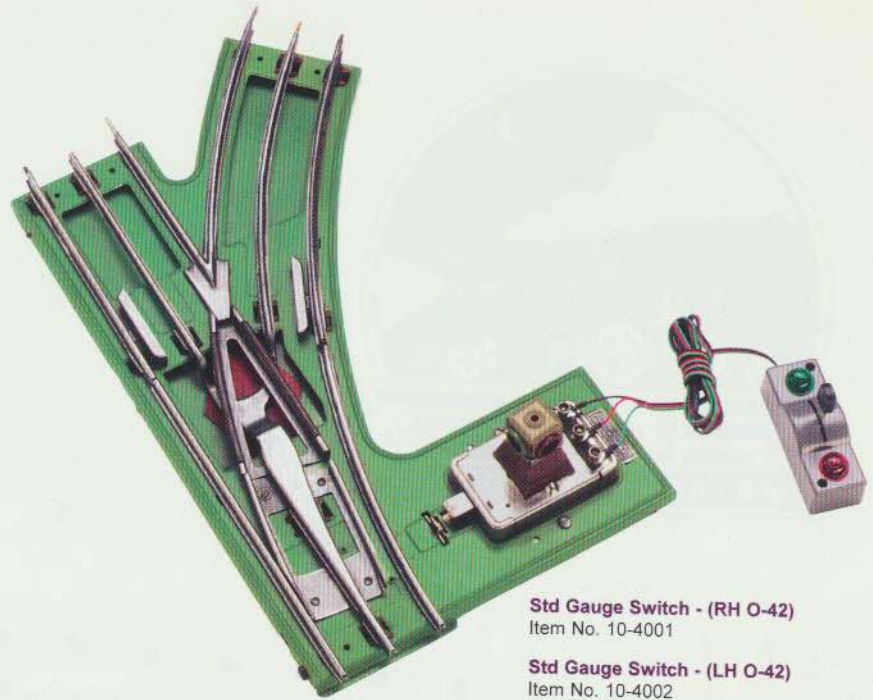


**Std Gauge Track - Regular Curve**  
Item No. 10-1039

**Std Gauge Track - Straight w/Wide Ties**  
Item No. 10-1040

**Std Gauge Track - Wide Radius Curve w/Wide Ties**  
Item No. 10-1041

**Std Gauge Track - Regular Straight**  
Item No. 10-1038



**Std Gauge Switch - (RH O-42)**  
Item No. 10-4001

**Std Gauge Switch - (LH O-42)**  
Item No. 10-4002

**Std Gauge Switch - Wide Radius (RH O-72)**  
Item No. 10-4003

**Std Gauge Switch - Wide Radius (LH O-72)**  
Item No. 10-4004



**#67 lamp Post (dark green)**  
Measures 13 1/2" Tall, Item No. 10-1095.



**#63 lamp Post (aluminum)**  
Measures 13 1/4" Tall, Item No. 10-1108.

## Tinplate Track

Standard Gauge model railroad fans can find the classic look and style of tinplate track and switches only in our Tinplate Traditions lineup. Best of all, the track and authentically reproduced switches are sure to be found far superior to those hard-to-find originals. Each switch is equipped with a realistic lighted switch block lantern and state-of-the-art switch motors and switch controllers, which ensures they will function flawlessly for years to come. Available in both standard turnouts and wide-radius sizes, each track section and switch is fully compatible with all standard gauge track and features that give the Standard Gauge modeler incredible layout diversity.



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