

2004

RAILKING
ONE-GAUGE TRAINS

BY M.T.H. ELECTRIC TRAINS



RailKing Means . . .

Quality. RailKing® uses the latest technology and high quality materials to ensure that every model we make is built to last. With their sturdy construction, powerful motors, and well-integrated form, fit, and function, RailKing® trains smoothly pull long consists for years. And the detailed, beautifully painted bodies bring scale accuracy to One Gauge railroading.

Variety. RailKing® has built our business on the concept that model railroaders deserve all the variety of the real railroads. Garden railroaders interested in scale models of American prototypes have been forced to make due with limited offerings of narrow gauge prototypes. That all changes when RailKing® out-fits your railroad. One Gauge fans can expect to see a variety of steam, diesels, and electrics from all eras of American railroad history.

Value. RailKing® delivers high quality models at a price the average modeler can afford. We don't believe you have to pay thousands of dollars for an engine before you can feel confident that it is accurately researched and well made. Our company has a proud history of providing top-drawer quality for a reasonable price, and we are extending this philosophy to One Gauge.



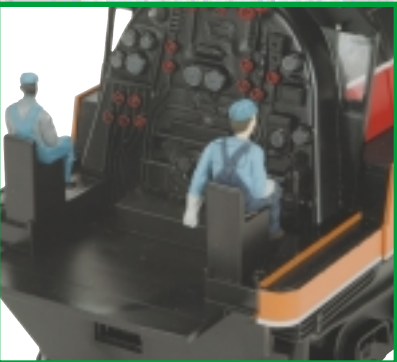
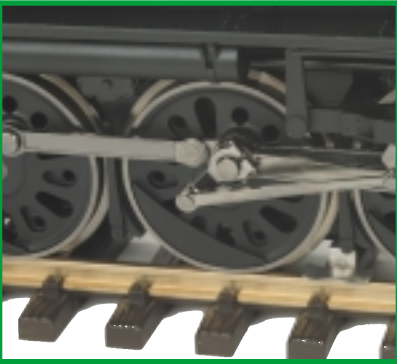
RailKing Gets It Right

We know that many model railroaders expect their models to look and sound just like the prototype to keep the illusion of reality. That's why RailKing® takes care to get things right. We work with scale drawings, not just photographs, to make sure our measurements and detail level are right. Then we use the latest technology that allows us to see and handle an actual 3-D prototype of our model. We check this out carefully from all angles and make any adjustments we think are necessary before we ever cut the first tool. That's how we know that our models will please even the most exacting hobbyist.

Our artists and researchers carefully review car art, measuring every line and letter in hundredths of a millimeter to be sure our accurate paint schemes add to the beauty of the model. Then the approved paint scheme is crisply applied to the detailed bodies.

Finally, whenever possible we record the prototype sounds of the engine we're modeling. We spend a lot of time at excursion railways and operating railyards recording engines to make sure our models have the distinctive sound of the original. If you close your eyes, you might think you heard the real thing roaring by.

But why would you want to close your eyes, when there are such beautifully realistic models to watch!



The Models

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, constant voltage lighting, firebox glow, cab figures, sliding cab windows, opening doors and much, much more. In addition to the eye-popping detail, the line is built tough for years of outdoor operation.

RailKing® One-Gauge's 1:32 scale models are designed to work with existing equipment. The engines and cars run on the existing standard 2-rail 45mm DC-powered track systems, including the Code 250 rails used by fine scale railroaders and LGB's 332 track. Each engine includes two sets of couplers, a knuckle coupler and a hook & loop model, so they can easily be adapted to mate with other garden-sized train systems.

RailKing® One-Gauge brings exciting technology to the outdoor train market. The line offers silent, quiet running locomotives or models equipped with digital, CD-quality Proto-Sound® 2.0, including steam chuffing or diesel roar, squeaking brakes, and more. Sound equipped steam locomotives also feature synchronized puffing smoke for incredible realistic operation. All sound equipped locomotives include locomotive speed control, a patented cruise control system that automatically regulates a locomotive's speed over variable outdoor terrain.

Who is M.T.H.?

M.T.H. is the twenty-four year-old company that revolutionized the O Gauge market by introducing in just 12 short years the widest variety of high-quality O Gauge models ever produced. Each model is marketed at reasonable prices, with an emphasis on detailed design and cutting-edge sound and control technology. As a result, we doubled the size of the market in just a few short years by providing O Gauge modelers with greater realism in operating their model railroads.

RailKing® One-Gauge is poised to do the same thing for Large Scale. Capitalizing on the lack of accurate, prototypically scaled models of standard gauge American prototypes, the RailKing® One-Gauge product line has been infused with 1:32 scale proportioned models loaded with detail and features not found in other large scale product lines. Designed for operation indoors or out, RailKing® One-Gauge models are built from rugged polycarbonate plastic and utilize metal wheels for durable, long-lasting operation regardless of environment.

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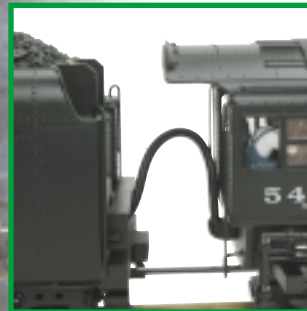
How To Find M.T.H. Products .34





The J-3a "Super Hudsons" out-performed the J1-class by 20%. In fact they were so super that their initial 275 lbs of steam pressure was so strong it bent rods, so pressure was reduced to 265 lbs.

4-6-4 J3A HUDSON

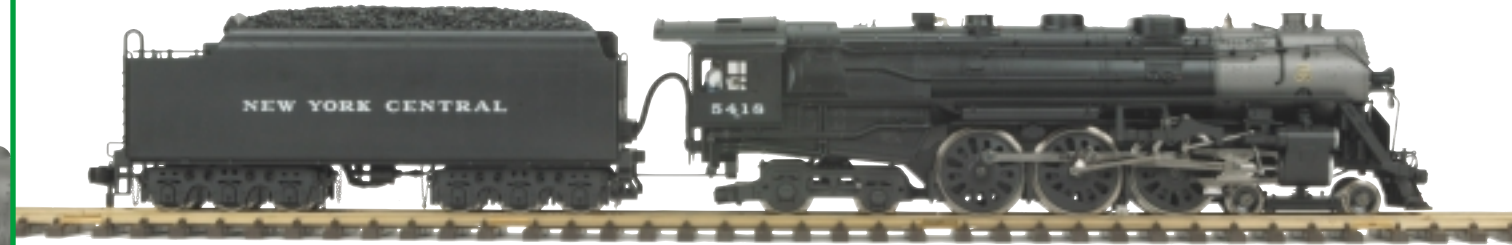


Perhaps no other railroad has ever been as closely associated with a locomotive as the New York Central is with the J-class Hudson. By the mid-1920s, it became clear that NYC needed an engine that could reliably pull heavier passenger trains than anything they had available. They charged their engineering department with designing a locomotive with greater starting effort and more horsepower at speed that was still within the weight and size limitations dictated by the railroad's existing bridges and clearances. The ALCO-built 4-6-4 Hudson that resulted was a resounding success, pulling both passenger and freight trains over NYC lines. The beautiful engine proved so popular with railfans, photographers, and the public at large that NYC used it to advertise their passenger service. In an era when passenger trains were luxurious ways to travel, the NYC Hudson was the class of the field.

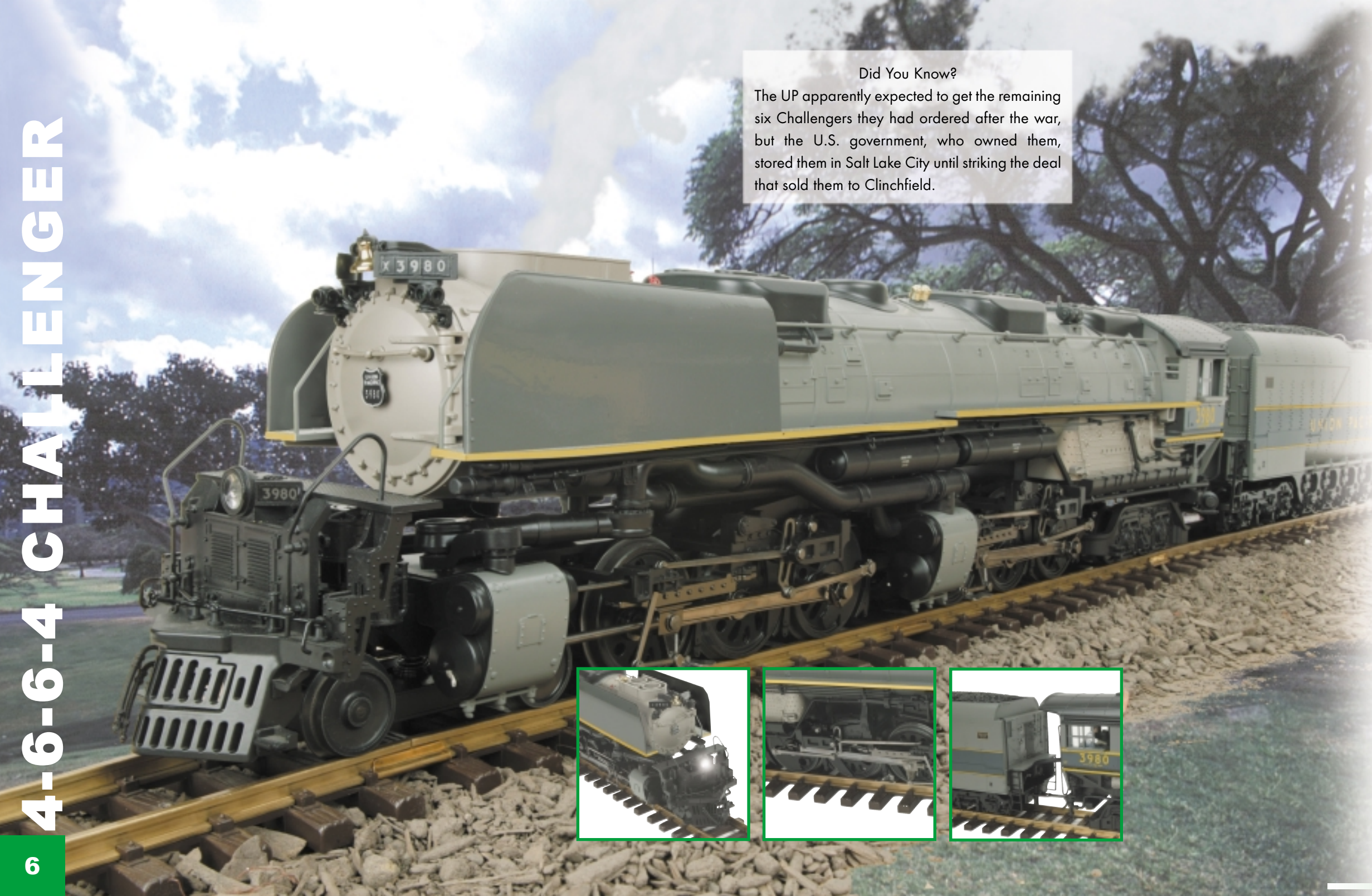
This beautifully detailed 1:32 scale model of a NYC J-3a Hudson returns to the lineup in an all-new cab number in 2004. The engine will look as stunning pulling your freight or crack passenger trains as the celebrated prototype did and is available with the long list of features shown.

FEATURES

- Detailed Polycarbonate Boiler and Tender Body
- Authentic Paint Scheme
- Metal Wheels and Axles
- Operating Knuckle Coupler
- Interchangeable Hook & Loop Coupler
- Constant Voltage Locomotive Headlight
- Precision Flywheel Equipped Motor
- Engineer and Fireman Figures
- Operating Firebox Glow
- Metal Handrails and Decorative Whistle
- Synchronized Puffing ProtoSmoke® System
- Operating Tender Back-up Light
- Indoor/Outdoor Use
- 1:32 Scale Proportions
- Locomotive Speed Control
- Proto-Sound® 2.0 With The Digital Command System Featuring:- Freight Yard Proto-Effects™
- Unit Measures: 39" x 4 1/8" x 5 1/2"
- Operates On R2 Curves

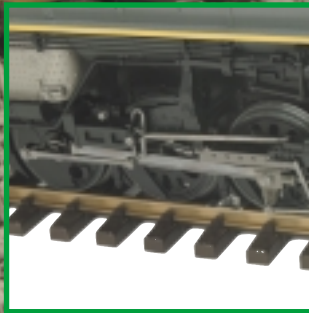


NYC, 4-6-4 J-3a Hudson Steam Engine
70-3010-1 w/Proto-Sound® 2.0 \$899.95



Did You Know?

The UP apparently expected to get the remaining six Challengers they had ordered after the war, but the U.S. government, who owned them, stored them in Salt Lake City until striking the deal that sold them to Clinchfield.



4-6-6-4 CHALLENGER

In the midst of the Great Depression, Union Pacific designed and asked ALCO to build the best high-speed simple articulated engines to grace American rails. The 4-6-6-4 Challenger first appeared on UP rails in 1936, and it was clear from the beginning that it could handle tremendous tonnage at high speeds. Although the Challenger was designed for fast freight work, the UP also used it for passenger service; the engine proved it could easily handle any task it was given.

It was in a round-about way that Clinchfield took possession of their Challengers. Early in World War II, UP entered an order for several more Challengers. The War Production Board refused to let UP have the entire order and diverted six of the new Challengers on a lease program to the Rio Grande, which used the locomotives until the war's end. In 1947, eastern coal hauler the Clinchfield Railroad bought all six Challengers. They moved the Challengers east under their own power and put them to work pulling long coal trains. By 1953, though, steam locomotives were phased out and Clinchfield's Challengers were retired.

M.T.H. is proud to reintroduce the Challenger in the markings of five railroads in the 2004 RailKing® One-Gauge line. This model of a classic American prototype will look right at home in virtually any garden setting, due to the prototype's use across the span of the United States.



Delaware & Hudson, 4-6-6-4 Challenger Steam Engine
70-3013-1 w/Proto-Sound® 2.0 \$1,299.95
70-3013-0 Non-Sound Equipped \$1,099.95



Denver Rio Grande, 4-6-6-4 Challenger Steam Engine
70-3014-1 w/Proto-Sound® 2.0 \$1,299.95
70-3014-0 Non-Sound Equipped \$1,099.95



Northern Pacific, 4-6-6-4 Challenger Steam Engine
70-3015-1 w/Proto-Sound® 2.0 \$1,299.95
70-3015-0 Non-Sound Equipped \$1,099.95



Union Pacific, 4-6-6-4 Challenger Steam Engine
70-3016-1 w/Proto-Sound® 2.0 \$1,299.95
70-3016-0 Non-Sound Equipped \$1,099.95



Western Maryland, 4-6-6-4 Challenger Steam Engine
70-3017-1 w/Proto-Sound® 2.0 \$1,299.95
70-3017-0 Non-Sound Equipped \$1,099.95

FEATURES

- Detailed Polycarbonate Boiler and Tender Body
- Authentic Paint Scheme
- Metal Wheels and Axles
- Operating Knuckle Coupler
- Lighted Number Boards
- Interchangeable Hook & Loop Coupler
- Constant Voltage Locomotive Headlight
- (2) Precision Flywheel Equipped Motors
- Engineer and Fireman Figures
- Operating Firebox Glow
- Operating Ashpan Flicker
- Metal Handrails and Decorative Whistle
- Operating ProtoSmoke® System
- Operating Tender Back-up Light
- Indoor/Outdoor Use
- 1:32 Scale Proportions
- Choose From Powered Non-Sound Equipped or Powered Proto-Sound® 2.0 Equipped Models
- Proto-Sound® 2.0 With The Digital Command System Features: Freight Yard Proto-Effects™, Synchronized Puffing ProtoSmoke™ System & Locomotive Speed Control
- Unit Measures: 50" x 4 1/8" x 6"
- Operates On R3 Curves



4-8-4 GS-4 NORTHERN

In the 1920s, Southern Pacific rethought the standard approach to motive power; rather than changing engines at division points, they wanted to develop an engine for use on extended runs. Their famous 4-8-4 GS-series of locomotives resulted. 4-8-4 Northern originated with the Northern Pacific railroad in 1926 and quickly became popular on other roads. The eight drivers allowed the engines to generate more power than engines with fewer driving wheels, and the four trailing wheels supported a larger firebox, increasing boiler capacity. This combination allowed 4-8-4s to best even larger 2-10-2 types by sustaining higher speeds over longer distances.

Southern Pacific's famous GS-4 was introduced in the 1930s specifically for the glamorous new "Daylight" passenger train that ran between San Francisco and Los Angeles. The engine had to be able to pull a 12-car, 626-ton train at high speeds, over long distances and grades. A 4-8-4 was the perfect solution to the problem.

FEATURES

- Detailed Polycarbonate Boiler and Tender Body
- Authentic Paint Scheme
- Metal Wheels and Axles
- Operating Knuckle Coupler
- Interchangeable Hook & Loop Coupler
- Constant Voltage Headlight
- Precision Flywheel Equipped Motor
- Engineer and Fireman Figures
- Operating Firebox Glow
- Metal Handrails and Decorative Whistle
- Operating ProtoSmoke® System
- Operating Tender Back-up Light
- Indoor/Outdoor Use
- Choose From Powered Non-Sound Equipped or Powered Proto-Sound® 2.0 Equipped Models
- Proto-Sound® 2.0 With The Digital Command System Features: Passenger or Freight Yard Proto-Effects™, Synchronized Puffing ProtoSmoke® System & Locomotive Speed Control
- Unit Measures: 43 1/2" x 4" x 6"
- Operates On R2 Curves



Southern Pacific (Daylight), 4-8-4 Gs-4 Steam Engine
 70-3005-1 w/ Proto-Sound® 2.0 \$999.95
 70-3005-0 Non-Sound Equipped \$799.95



American Freedom, 4-8-4 Gs-4 Steam Engine
 70-3006-1 w/ Proto-Sound® 2.0 \$999.95
 70-3006-0 Non-Sound Equipped \$799.95



Southern Pacific, 4-8-4 Gs-2 Steam Engine
 70-3011-1 w/ Proto-Sound® 2.0 \$999.95
 70-3011-0 Non-Sound Equipped \$799.95



Western Pacific, 4-8-4 Gs-2 Steam Engine
 70-3012-1 w/ Proto-Sound® 2.0 \$999.95
 70-3012-0 Non-Sound Equipped \$799.95



BIG BOY

Perhaps no other locomotive ever had a more appropriate name than the legendary Union Pacific "Big Boy".

Measuring an immense 132 feet long and weighing in at almost 1.2 million pounds, the Big boy was the largest steam engine of all time and proudly carried its descriptive monikor coined by an Alco shopworker. The engine's unequaled size required that lighter rails be replaced, turntables rebuilt, and curves realigned to accept the tremendous overhang. But, the Big Boy's value to the Union Pacific quickly justified these expenses as the engine displayed its remarkable strength when negotiating the notorious grades found on Sherman Hill and elsewhere on the Union Pacific.

MTH is proud to bring to life, in incredible detailed glory, the largest 1:32 One Gauge steam locomotive ever constructed. Quality constructed of polycarbonate, the RailKing® One-Gauge Big Boy is meticulously adorned with detail and sports a tremendous list of fantastic MTH features.



FEATURES

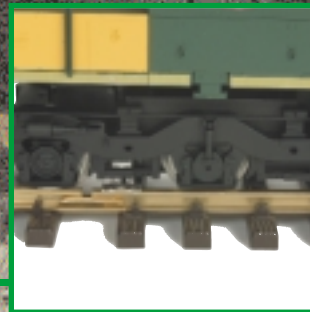
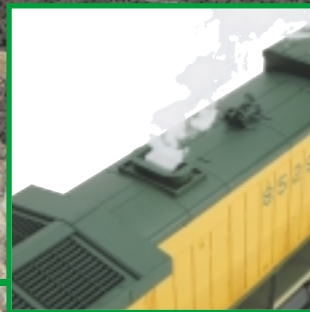
- Detailed Polycarbonate Boiler and Tender Body
- Authentic Paint Scheme
- Metal Wheels and Axles
- Operating Knuckle Coupler
- Lighted Number Boards
- Lighted Marker Lights
- Interchangeable Hook & Loop Coupler
- Constant Voltage Locomotive Headlight
- (2) Precision Flywheel Equipped Motors
- Engineer and Fireman Figures
- Operating Firebox Glow
- Operating Ashpan Flicker
- Metal Handrails and Decorative Whistle
- Operating ProtoSmoke® System
- Operating Tender Back-up Light
- Indoor/Outdoor Use
- 1:32 Scale Proportions
- Choose From Powered Non-Sound Equipped or Powered Proto-Sound® 2.0 Equipped Models
- Proto-Sound® 2.0 With The Digital Command System Features: Freight Yard Proto-Effects™, Synchronized Puffing ProtoSmoke™ System & Locomotive Speed Control
- Unit Measures: 53" x 4 3/8" x 6"
- Operates On R3 Curves



Union Pacific, 4-8-8-4 Big Boy Steam Engine
70-3009-1 w/ Proto-Sound® 2.0 \$1,299.95
70-3009-0 Non-Sound Equipped \$1,099.95

Did You Know?

The microprocessor in the Dash-8 prototype recognizes if the engine is overheating while in a tunnel, as opposed to a malfunction on the open rails, and allows it to keep operating a full power for ten minutes, so the crew doesn't find itself stranded in a tunnel.



DASH-8 DIESEL

In the late 1980s, as General Electric and General Motors' Electro-Motive Division engaged in heated competition (that continues today) for marketshare in the high horsepower category, GE announced the Dash-8 class of diesel locomotives. Although the first demonstrator version had only 3,200 hp, most of the Dash-8s had 4,000 hp when delivered. Because GE builds its diesel locomotives in five modules, it was able to customize its Dash-8s for each buyer to an unusual degree. Some railroads ordered their Dash-8s with the conventional narrow cabs, while others opted for the wider safety or comfort cabs. Some Dash-8s have 4-wheel trucks, and other have 6-wheel trucks. All this variety means that these diesels, which were designed for fast freight duty, are also well suited for Amtrak's pas-

senger service. Despite their many differences, all Dash-8s share microprocessor control. The microprocessor, a small computer, regulates rpm, fuel injection volume, generator excitation, and many other operational features to make the engines run more efficiently than any diesel ever had before them.

M.T.H. is proud to make this rugged American prototype available to garden railroaders in a variety of roadnames in a narrow nose body that are sure to please. These highly detailed 1:32 scale models provide realistic operation and the long list of features shown.

6-WHEEL TRUCKS



Norfolk Southern, Dash-8 Diesel Engine (Narrow Nose)		
70-2017-1	w/ Proto-Sound® 2.0	\$499.95
70-2017-0	Non-Sound Equipped	\$399.95
70-2017-3	Non-Powered	\$199.95



Chicago NorthWestern, Dash-8 Diesel Engine (Narrow Nose)		
70-2021-1	w/ Proto-Sound® 2.0	\$499.95
70-2021-0	Non-Sound Equipped	\$399.95
70-2021-3	Non-Powered	\$199.95

4-WHEEL TRUCKS



Conrail, Dash-8 Diesel Engine (Narrow Nose)		
70-2018-1	w/ Proto-Sound® 2.0	\$499.95
70-2018-0	Non-Sound Equipped	\$399.95
70-2018-3	Non-Powered	\$199.95



CSX, Dash-8 Diesel Engine (Narrow Nose)		
70-2019-1	w/ Proto-Sound® 2.0	\$499.95
70-2019-0	Non-Sound Equipped	\$399.95
70-2019-3	Non-Powered	\$199.95



Southern Pacific, Dash-8 Diesel Engine (Narrow Nose)		
70-2020-1	w/ Proto-Sound® 2.0	\$499.95
70-2020-0	Non-Sound Equipped	\$399.95
70-2020-3	Non-Powered	\$199.95



Santa Fe, Dash-8 Diesel Engine (Narrow Nose)		
70-2022-1	w/ Proto-Sound® 2.0	\$499.95
70-2022-0	Non-Sound Equipped	\$399.95
70-2022-3	Non-Powered	\$199.95

FEATURES

- Detailed Polycarbonate Body
- Authentic Paint Scheme
- Metal Wheels and Axles
- (2) Operating Knuckle Couplers
- (2) Interchangeable Hook & Loop Couplers
- Constant Voltage Directionally Controlled Headlights
- Lighted Number Boards
- (2) Precision Flywheel Equipped Motor
- Engineer and Fireman Figures
- Detailed Cab Interior
- Metal Handrails and Decorative Horn
- Opening Cab Doors
- Operating ProtoSmoke™ System
- Operating Cab Interior Lighting
- Indoor/Outdoor Use
- Choose From Powered Non-Sound Equipped, Powered Proto-Sound® 2.0 Equipped or Non-Powered Models
- Proto-Sound® 2.0 With The Digital Command System Features: Freight Yard Proto-Effects™ & Locomotive Speed Control
- Unit Measures: 29" x 3 3/4" x 5 7/8"
- Operates On R1 Curves

Did You Know?

F-3s assigned for freight duty utilized a “wedge” pilot rather than the smooth pilot found on passenger service assignments.



F-3 DIESEL SET

World War II had called for locomotive manufacturers to adhere to production guidelines as set by the War Production Board. With the war's end in 1945, EMD, like other major competitors, worked hard to meet industry demand after four years of restricted supply. In the freight cab market, EMD released their F-series. The F-3 headlined the series, debuting in the summer of 1945, a few months before the official end of the war.

The F-3 emerged with a new generator that supplied both direct and alternating current, an important upgrade for EMD's initial F-unit design. Because of the addition of the dual generator, AC-powered fans and blowers could be operated electrically, boosting the locomotives' ability to stay in top form. The 1,500-h.p. rated F-3, with its bulldog nose and dual capabilities set a standard in railroading. In test runs, No. 291, a demonstrator unit, logged over 125,000 miles in sixteen months pulling freight and passenger loads. Railroads were impressed with the tests and hundreds of advanced orders for the F-3s poured in.

EMD and One Gauge fans will no doubt want to order this stellar replica of the F-3 perfectly proportioned in 1:32 scale. The RailKing® One-Gauge F-3 represents the bulldog tenacity of the prototype with its inclusion of the awesome sounds and features of Proto-Sound® 2.0.



Pennsylvania (Tuscan), F-3 AA Diesel Set		
70-2007-1 AA Diesel Set	w/ ProtoSound® 2.0	\$699.95
70-2007-0 AA Diesel Set	Non-Sound Equipped	\$499.95
70-2007-3 B Unit	Non-Powered	\$199.95



New York Central, F-3 AA Diesel Set		
70-2008-1 AA Diesel Set	w/ ProtoSound® 2.0	\$699.95
70-2008-0 AA Diesel Set	Non-Sound Equipped	\$499.95
70-2008-3 B Unit	Non-Powered	\$199.95



Western Pacific, F-3 AA Diesel Set		
70-2012-1 AA Diesel Set	w/ ProtoSound® 2.0	\$699.95
70-2012-0 AA Diesel Set	Non-Sound Equipped	\$499.95
70-2012-3 B Unit	Non-Powered	\$199.95



Santa Fe, F-3 AA Diesel Set		
70-2013-1 AA Diesel Set	w/ ProtoSound® 2.0	\$699.95
70-2013-0 AA Diesel Set	Non-Sound Equipped	\$499.95
70-2013-3 B Unit	Non-Powered	\$199.95

FEATURES

- Detailed Polycarbonate Bodies
- Authentic Paint Scheme
- Metal Wheels and Axles
- (2) Operating Knuckle Couplers
- (2) Interchangeable Hook & Loop Couplers
- Constant Voltage Directionally Controlled Headlights
- (2) Precision Flywheel Equipped Motors on Each A Unit
- Engineer and Fireman Figures
- Detailed Cab Interiors
- Metal Handrails and Decorative Horn
- Opening Cab Doors
- Operating Cab Interior Lighting
- Indoor/Outdoor Use
- Operating ProtoSmoke™ System
- Choose From Powered Non-Sound Equipped, Powered Proto-Sound® 2.0 Equipped or Non-Powered Models
- Proto-Sound® 2.0 With The Digital Command System Featuring Passenger Station or Freight Yard Proto-Effects™ & Locomotive Speed Control
- Unit Measures: AA Set: 39" x 3 3/4" x 5 1/4"
B-Unit: 19 1/2" x 3 3/4" x 5 1/4"
- Operates On R2 Curves



B&O, F-3 AA Diesel Set		
70-2014-1 AA Diesel Set	w/ ProtoSound® 2.0	\$699.95
70-2014-0 AA Diesel Set	Non-Sound Equipped	\$499.95
70-2014-3 B Unit	Non-Powered	\$199.95



Caterpillar, F-3 AA Diesel Set		
70-2015-1 AA Diesel Set	w/ ProtoSound® 2.0	\$699.95
70-2015-0 AA Diesel Set	Non-Sound Equipped	\$499.95
70-2015-3 B Unit	Non-Powered	\$199.95

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Texas Special, F-3 AA Diesel Set		
70-2016-1 AA Diesel Set	w/ ProtoSound® 2.0	\$699.95
70-2016-0 AA Diesel Set	Non-Sound Equipped	\$499.95
70-2016-3 B Unit	Non-Powered	\$199.95

4-BAY HOPPER

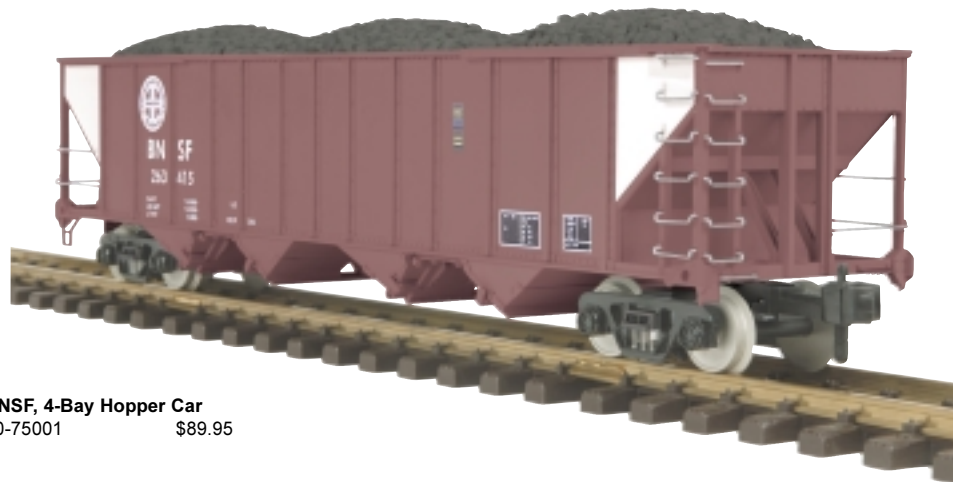
Each Unit Measures 17 3/8"x4"x5 9/16"

At last 1:32 modelers can enjoy detailed scale rolling stock built to last and available at an affordable price. We've heard the clamoring for this type of equipment and RailKing One-Gauge is proud to deliver. As always, M.T.H. works hard to satisfy the needs of our customers and we're confident that you'll find the value in our rolling stock to be unmatched by others and worthy additions to your One-Gauge roster.

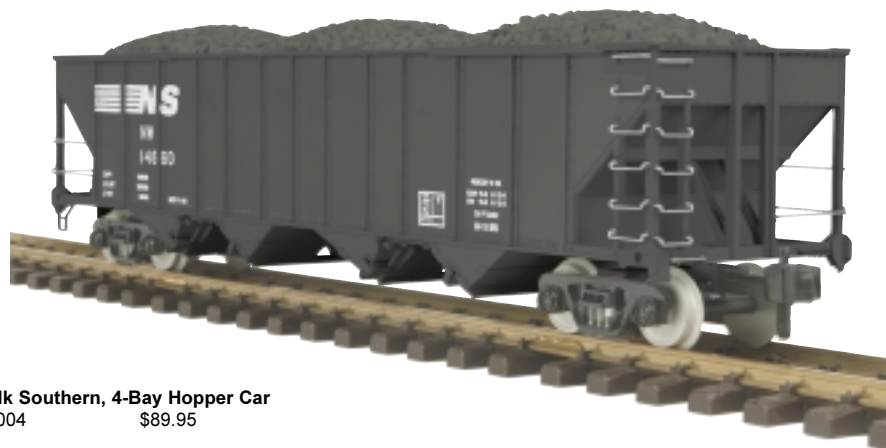
Each of the exciting cars featured on the following pages will add a level of realism previously missing in large scale model railroading. More importantly, each car's standard features are often extras on other manufacturers cars. Only M.T.H. gives you stainless steel wheels and axles, two types of couplers and polycarbonate bodies for indoor and outdoor use as standard equipment.

FEATURES

- Intricately Detailed Durable Polycarbonate Body
- Stainless Steel Wheels and Axles
- Sprung Loaded 4-Wheel Trucks
- (2) Self-Centering Knuckle Coupler
- (2) Self-Centering Hook & Loop Coupler
- Kadee Coupler Body Mounts
- Decorative Brake Wheels
- Separate Metal Handrails
- 1:32 Scale Dimensions
- Colorful, Attractive Paint Schemes
- Operates On R1 Curves



BNSF, 4-Bay Hopper Car
70-75001 \$89.95



Norfolk Southern, 4-Bay Hopper Car
70-75004 \$89.95



Western Maryland, 4-Bay Hopper Car
70-75005 \$89.95



Chicago NorthWestern, 4-Bay Hopper Car
70-75006 \$89.95



CSX, 4-Bay Hopper Car
70-75003 \$89.95



Clinchfield, 4-Bay Hopper Car
70-75002 \$89.95



Denver Rio Grande, 4-Bay Hopper Car
70-75008 \$89.95



Northern Pacific, 4-Bay Hopper Car
70-75009 \$89.95



Delaware & Hudson, 4-Bay Hopper Car
70-75007 \$89.95



Union Pacific, 4-Bay Hopper Car
70-75010 \$89.95

ONE GAUGE 17

40' BOX CAR

Each Unit Measures 17 3/8"x4"x5 9/16"



CCA Container, 40' Box Car
70-74012 \$89.95



Southern, 40' Box Car
70-74015 \$89.95



State of Maine (BAR), 40' Box Car
70-74016 \$89.95



Boston Red Sox™, 40' Box Car
70-74021 \$89.95



Chicago NorthWestern, 40' Box Car
70-74026 \$89.95



John Deere (Man on Tractor), 40' Box Car
70-74013 \$89.95



Union Pacific, 40' Box Car
70-74017 \$89.95



Chicago Cubs, 40' Box Car
70-74022 \$89.95



Pittsburgh Pirates™, 40' Box Car
70-74024 \$89.95



Caterpillar, 40' Box Car
70-74025 \$89.95

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John Deere (Waterloo Boy), 40' Box Car
70-74014 \$89.95

John Deere is a registered trademark of Deere & Company



Baltimore Orioles™, 40' Box Car
70-74020 \$89.95

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New York Yankees™, 40' Box Car
70-74023 \$89.95

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Christmas, 40' Box Car
70-74027 \$89.95

ONE GAUGE 19

40' REEFER CAR

Each Unit Measures 17 3/8"x4"x5 9/16"



Pepper Packing, 40' Reefer Cars
70-78006 \$89.95



Southern Pacific, 40' Reefer Cars
70-78009 \$89.95



Needham Packing, 40' Reefer Cars
70-78007 \$89.95



Curve Beer, 40' Reefer Cars
70-78012 \$89.95



Santa Fe, 40' Reefer Cars
70-78008 \$89.95



Hamm's, 40' Reefer Cars
70-78013 \$89.95

FLAT CAR WITH LOADS

Each Unit Measures 22"x4 1/8"x2 1/2"



Pennsylvania, Flat Car w/(2) Pennzoil Tanker Trucks
70-76021 \$89.95



TTX, Flat Car w/(2) CAT MT765 Challenger Tractor
70-76026 \$119.95



Baltimore & Ohio, Flat Car w/(2) Pennzoil Tow Trucks
70-76022 \$89.95



TTX, Flat Car w/(3) CAT 247 Multi Terrain Loader
70-76028 \$99.95



TTX, Flat Car w/(3) CAT 226 Skid Steer Loader w/Bucket
70-76027 \$99.95



Union Pacific, Flat Car w/(2) Pepsi Trucks
70-76023 \$89.95



TTX, Flat Car w/(3) CAT 302.5 Mini Hydraulic Excavator
70-76029 \$99.95

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UNIBODY TANK CARS

Each Unit Measures 18 3/8"x4"x6"



Koppers, Unibody Tank Car
70-73007 \$89.95



Sunoco Ultra 94, Unibody Tank Car
70-73012 \$89.95



Domino Sugar, Unibody Tank Car
70-73010 \$89.95



Shell, Unibody Tank Car
70-73011 \$89.95



Tank Train, Unibody Tank Car
70-73013 \$89.95

OFFSET STEEL CABOOSE

Each Unit Measures 15"x13 3/16"x6"



Union Pacific, Offset Steel Caboose
70-77007 \$129.95



Santa Fe, Offset Steel Caboose
70-77010 \$129.95



Boston & Albany, Offset Steel Caboose
70-77008 \$129.95



Caterpillar, Offset Steel Caboose
70-77011 \$129.95
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Chicago NorthWestern, Offset Steel Caboose
70-77009 \$129.95

OPERATING ROLLING STOCK

RailKing® One Gauge operating freight cars add a new dimension and excitement level to your One Gauge railroad with realistic action and quiet smooth operation.

Three car types are currently available in the RailKing® One Gauge product line and each comes to life when parked on an operating track section (sold separately). Control over the cars can be accomplished through a wired controller or remotely when using the DCS Digital Command System.

The operating dump and log cars feature a die-cast chassis containing a long-lasting motor that smoothly rotates the car body up on an angle. At the top of the rotation, the car's side drops down and the load is dumped out. The bay even shakes after the side drops to loosen up any logs or gravel that didn't slide out. After the shake, the bay drops down to its resting position and the side lifts back up into place.

The operating helicopter car is even more fun. When activated, the 'copter's blades begin rotating up to speed. When the controller is released, the 'copter lifts off, rising as much as 50' in the air. The mounting base the helicopter rests on can be angled to allow the 'copter to fly off in different directions for even more fun.

FEATURES

- Intricately Detailed Polycarbonate Bodies
- Metal Wheels and Axles
- Decorative Brake Wheels
- Separate Metal Handrails
- Detailed, Sprung 4-Wheel Trucks
- Choice of Operating Knuckle or Hook & Loop Couplers
- Colorful, Attractive Indoor/Outdoor Paint
- 1:32 Scale Dimensions

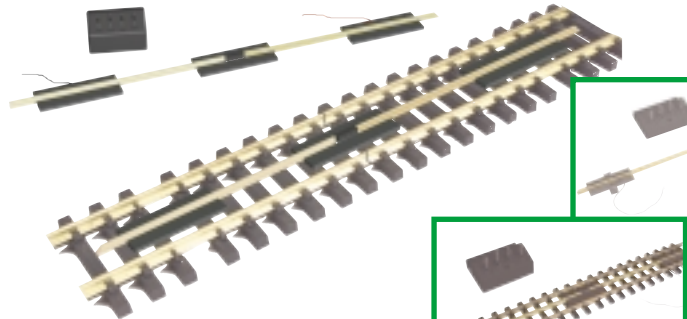


Red Cross, Operating Helicopter Car
70-79012 \$179.95

Each Unit Measures 22"x7 5/8"x7 3/4"



Channel 4 News, Operating Helicopter Car
70-79013 \$179.95



Operating Track Section Kit
70-14008 \$49.95

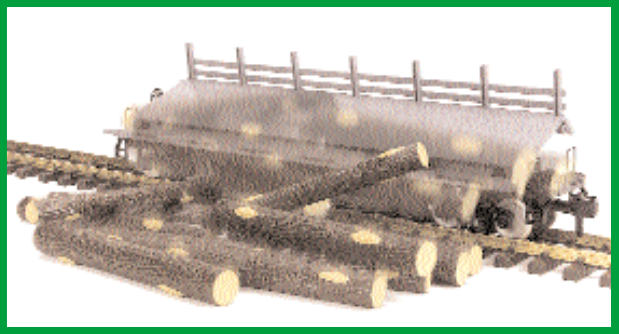


RailKing One Gauge operating freight cars require the Operating Track Section kit in order to function. This easy-to-install kit features 2 solid brass rails, sensors & a control box that sets up in minutes. The kit will work with most manufacturer's One-Gauge track systems & can also be connected to the DCS Digital Command System for wireless remote control operation.

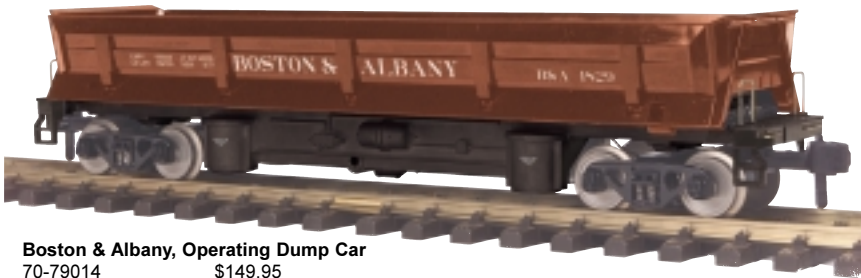
Each Unit Measures 18 3/8"x4"x3 1/2"



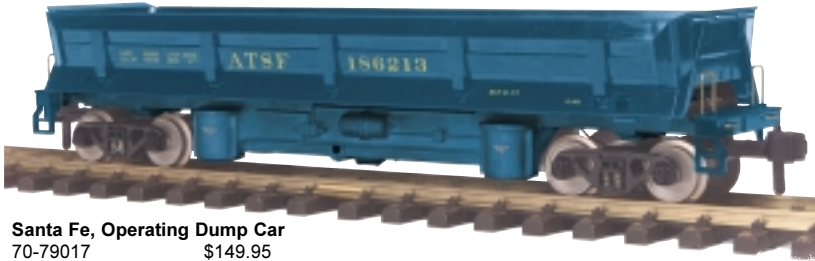
Colorado Southern, Operating Log Car
70-79001 \$149.95



Hillcrest Lumber, Operating Log Car
70-79003 \$149.95



Boston & Albany, Operating Dump Car
70-79014 \$149.95



Santa Fe, Operating Dump Car
70-79017 \$149.95



New York Central, Operating Dump Car
70-79015 \$149.95



Norfolk Southern, Operating Dump Car
70-79016 \$149.95


STREAMLINED PASSENGER SETS

It is hard to match the excitement and beauty of a long, sleek passenger train speeding down the rails and RailKing® One-Gauge streamlined passenger cars and sets will bring exactly the right, realistic look to your 1:32nd railroad.


No other manufacturer matches the quality and value found inside a RailKing® One-Gauge passenger car. Featuring an intricately detailed, yet durable Polycarbonate body atop smooth rolling sprung trucks results in a lightweight car that won't bog down a locomotive. Stainless steel wheels and axles and your choice of two coupler styles ensures years of operation. What's more, each passenger car features detailed car interiors, opening doors and overhead lighting for a realistic and authentic appearance.


FEATURES

- Durable Intricately Detailed Polycarbonate Bodies
- Detailed, Sprung 4-Wheel Trucks
- Choice Of Knuckle or Hook & Loop Couplers
- Colorful, Attractive Weatherproof Paint
- End-of-Car Diaphragms
- Separate Metal Handrails
- Metal Wheels and Axles
- Opening Car Doors
- Detailed Car Interiors
- Operating Overhead Interior Lighting
- 1:32 Scale Height and Width
- Detailed Car Undercarriage





Southern Pacific (Daylight), 3-Car Streamlined Passenger Car Set (Ribbed)
70-65001 \$399.95
Southern Pacific (Daylight), Streamlined Passenger Coach Car (Ribbed)
70-67001 \$149.95
Southern Pacific (Daylight), Streamlined Passenger Observation Car (Ribbed)
70-68001 \$149.95







American Freedom, 3-Car Streamlined Passenger Car Set (Ribbed)
70-65002 \$399.95
American Freedom, Streamlined Passenger Coach Car (Ribbed)
70-67002 \$149.95
American Freedom, Streamlined Passenger Observation Car (Ribbed)
70-68002 \$149.95



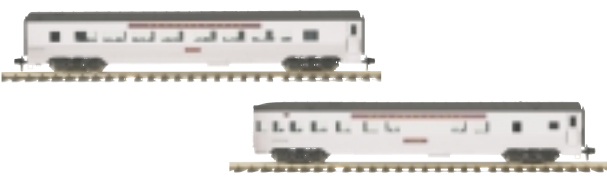



Union Pacific, 3-Car Streamlined Passenger Car Set (Ribbed)
70-65003 \$399.95
Union Pacific, Streamlined Passenger Coach Car (Ribbed)
70-67003 \$149.95
Union Pacific, Streamlined Passenger Observation Car (Ribbed)
70-68003 \$149.95







Pennsylvania, 3-Car Streamlined Passenger Car Set (Ribbed)
70-65006 \$399.95
Pennsylvania, Streamlined Passenger Coach Car (Ribbed)
70-67006 \$149.95
Pennsylvania, Streamlined Passenger Observation Car (Ribbed)
70-68006 \$149.95



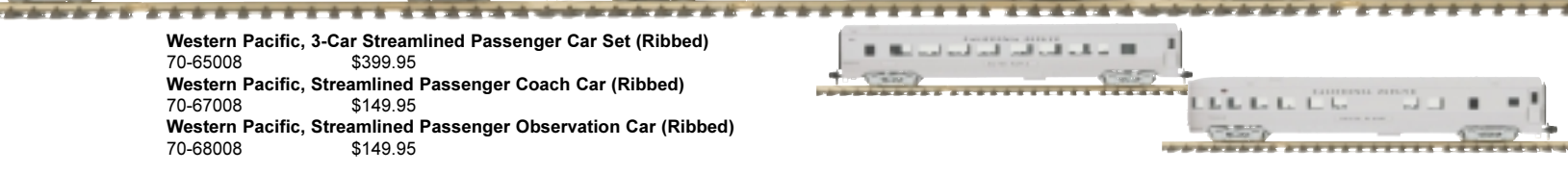



Santa Fe, 3-Car Streamlined Passenger Car Set (Ribbed)
70-65007 \$399.95
Santa Fe, Streamlined Passenger Coach Car (Ribbed)
70-67007 \$149.95
Santa Fe, Streamlined Passenger Observation Car (Ribbed)
70-68007 \$149.95



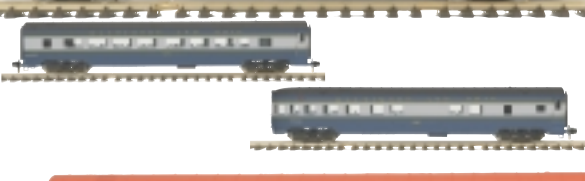



Western Pacific, 3-Car Streamlined Passenger Car Set (Ribbed)
70-65008 \$399.95
Western Pacific, Streamlined Passenger Coach Car (Ribbed)
70-67008 \$149.95
Western Pacific, Streamlined Passenger Observation Car (Ribbed)
70-68008 \$149.95



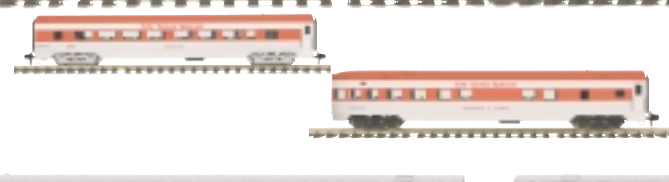


Baltimore & Ohio, 3-Car Streamlined Passenger Car Set (Ribbed)
70-65009 \$399.95
Baltimore & Ohio, Streamlined Passenger Coach Car (Ribbed)
70-67009 \$149.95
Baltimore & Ohio, Streamlined Passenger Observation Car (Ribbed)
70-68009 \$149.95





Texas Special, 3-Car Streamlined Passenger Car Set (Ribbed)
70-65010 \$399.95
Texas Special, Streamlined Passenger Coach Car (Ribbed)
70-67010 \$149.95
Texas Special, Streamlined Passenger Observation Car (Ribbed)
70-68010 \$149.95





New York Central, 3-Car Streamlined Passenger Car Set (Ribbed)
70-65004 \$399.95
New York Central, Streamlined Passenger Coach Car (Ribbed)
70-67004 \$149.95
New York Central, Streamlined Passenger Observation Car (Ribbed)
70-68004 \$149.95



SO EASY, SO SIMPLE, SO FUN!



•Control up to 500 Accessories from Any Manufacturer

•Simple 3 Step Setup Gets you Up and Running in Minutes

•Experience Hundreds of Easy to Use Features

•Operates with Almost Any AC or DC Transformer

There is a new way of controlling large gauge railroads today that you've got to see to believe. It's called DCS™ (for Digital Command System) and it's the most revolutionary product to hit model railroading since locomotives first became equipped with sound!

Unlike traditional or conventional means of operating a model railroad, command systems allow the user to independently control each engine even if other engines are on the same track at the same time. The concept has been around since the early 1990's, but only DCS™ makes it simple and easy to use thanks to it's state-of-the art technology and intuitive interface.



TWO WAYS TO OPERATE:

Conventional Mode consists of the collection of sound & operational features available right out of the box, as soon as you put the locomotive on the track & fire up the transformer. In a conventional environment, the transformer controls the locomotive by varying the amount of current on the track, the faster the engine will travel. Additional features, depending on whether the track is powered by an AC or DC transformer may also exist. With AC transformers, bells & whistles can be operated in conventional mode when transformers equipped with bell or whistle buttons are utilized. The bell & whistle buttons activate the appropriate sound in the locomotive by sending a DC pulse through the track's rails. The Proto-Sound® 2.0 electronics sense this pulse as a "signal" to blow the whistle or ring a bell. However, because DC transformers output DC current on the track, the electronics within a Proto-Sound® 2.0 engine cannot sense the additional DC pulse & are therefore unable to activate the bell or whistle/horn sound effects. In short, if the operator desires to run a Railking® One-Gauge locomotive using a DC output transformer in Conventional mode, the only sound effects & operating features available are the following: steam chuffing or diesel engine sounds, air let-off sounds, direction control, speed control & synchronized puffing smoke.

Command Mode allows operators individual command of multiple engines, track switches & accessories at one time with a single remote. In Command Mode, using AC or DC power, Proto-Sound® 2.0 engines feature a host of additional features that allow them to behave more like the real prototypes than any other model trains available today.

The primary difference between Command & Conventional Modes involves track power management. Unlike Conventional Mode, track power is usually set at a constant voltage (around 18 volts). The locomotive will ignore the track current & will await a "command" from the control system to move at a specific speed or activate a particular function. Each command signal is sent to a specific engine so only one engine will respond to a particular command. The command signals are sent via radio waves or digital signals though the tracks rails.

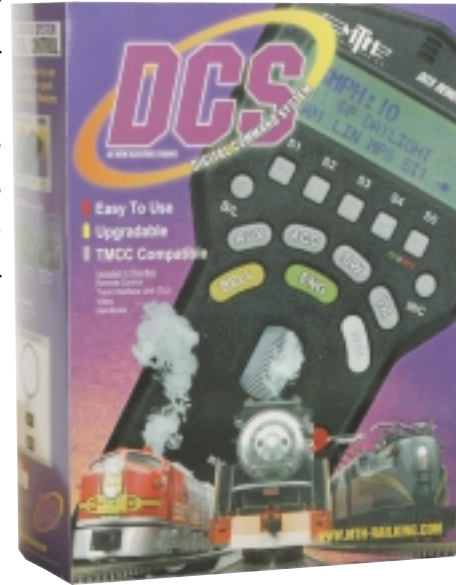




Every Railking® One-Gauge locomotive is capable of operating on AC or DC track current in conventional or command environments. Operators can run the locomotive indoors or out with virtually any AC or DC output transformer. The locomotive automatically senses what type of current is running through the track rails & adjusts the output to the locomotive motor appropriately. From a technical standpoint, current from an AC output transformer must be “rectified” prior to reaching the locomotives DC motor. When using DC output transformer, the current can be passed right through the electronics & onto the motor with no rectification required.

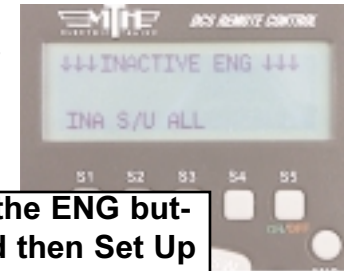
SETS UP IN MINUTES...

Operating the Railking® One-Gauge in command mode can only be accomplished with the M.T.H. Digital Command System, more commonly referred to as DCS™. With DCS™, almost any AC or DC output transformer can be used. Once set up, DCS unlocks hundreds of features already programmed into your Railking® One-Gauge locomotive.



....EASY TO USE INTERFACE MAKES OPERATION A SNAP!

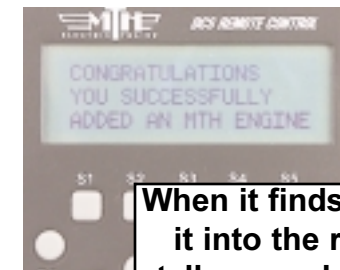
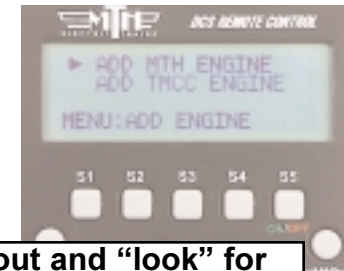
Once wired up, you're ready to run thanks to the simplicity of the DCS™ remote control's intuitive interface. Simply “add” your engines into the remote, there are no names, numbers or complicated commands to remember because DCS™ does most of the work for you.



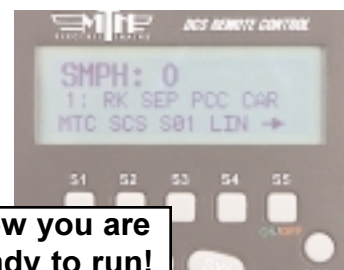
Press the ENG button and then Set Up



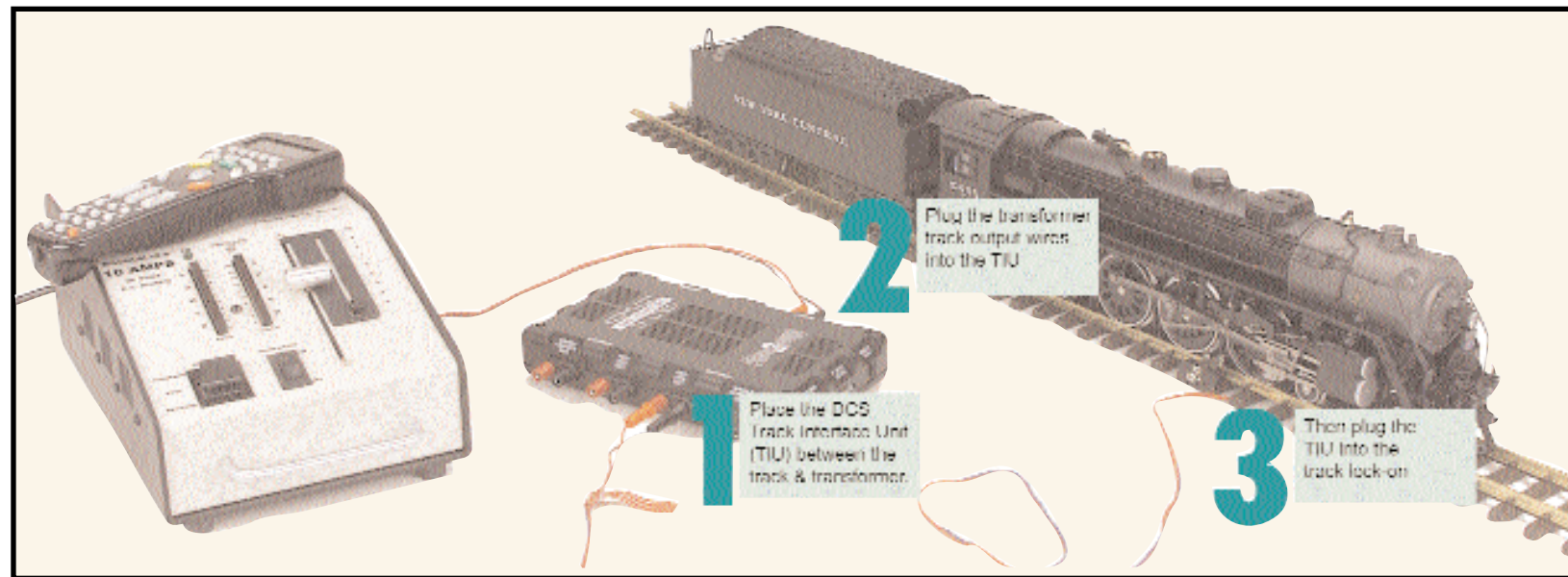
DCS™ will go out and “look” for Proto-Sound® 2.0 command equipped engines on your layout



When it finds one, it adds it into the remote and tells you when it's done

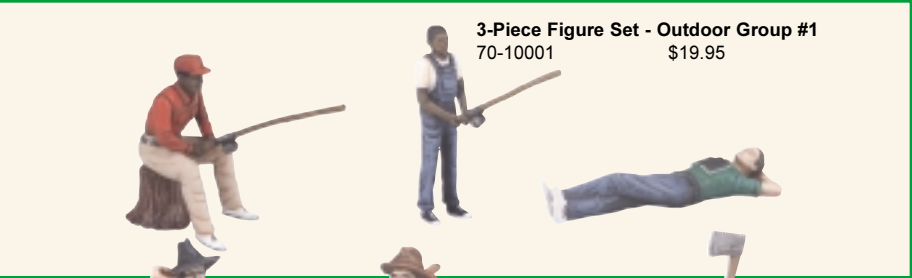


Now you are ready to run!

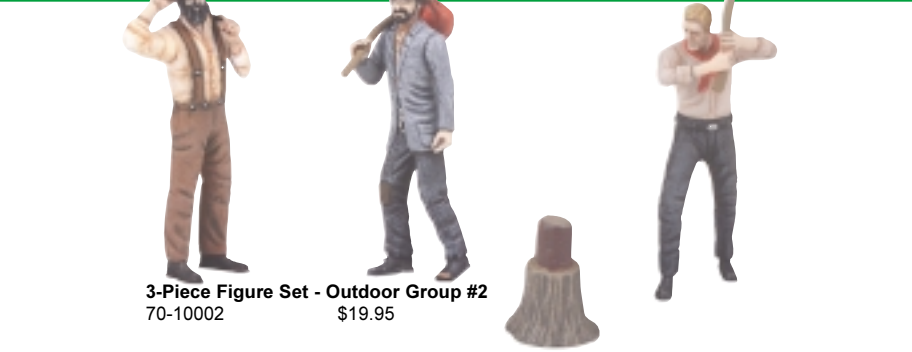


DCS™ Remote Control System 1 Remote Handheld 1 Track Interface Unit (TIU) 50-1001 \$299.95	
 DCS™ Remote Control Handheld 50-1002 \$149.95	
 DCS™ Track Interface Unit (TIU) 50-1003 \$179.95	
 DCS™ Accessory Interface Unit (AIU) with AIU/TIU RJ-11 Connector Cable 50-1004 \$99.95	
 Proto-Sound 2 Battery Charger 50-1019 \$14.95	
 6' Mini-to-Mini Cable 50-1009 \$9.95	 24-Port Terminal Block 50-1020 \$29.95
 Layout Wiring Terminal Block 50-1014 \$16.95	

ACCESSORIES



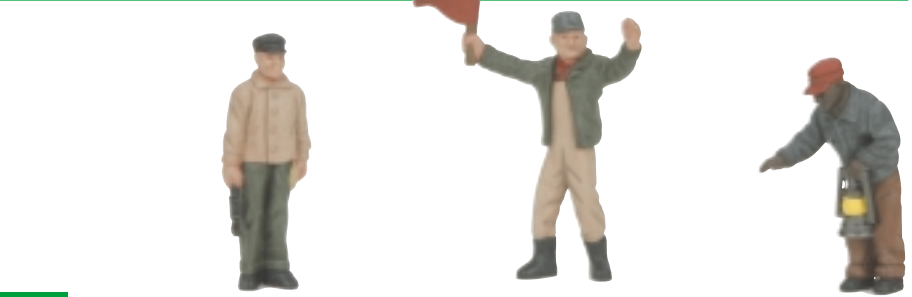
3-Piece Figure Set - Outdoor Group #1
70-10001 \$19.95



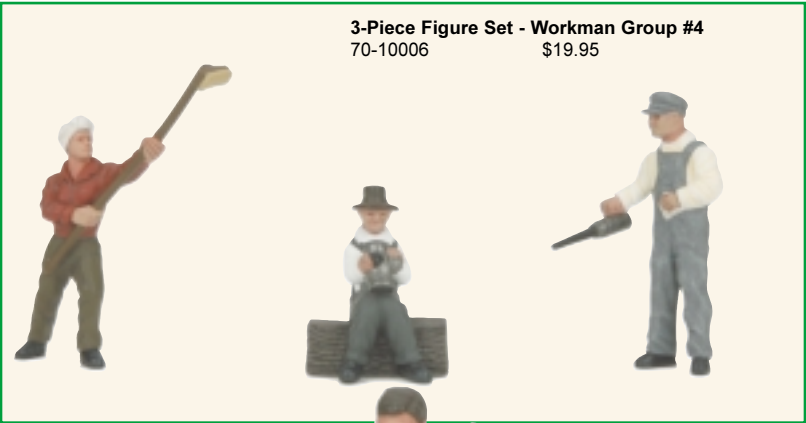
3-Piece Figure Set - Outdoor Group #2
70-10002 \$19.95



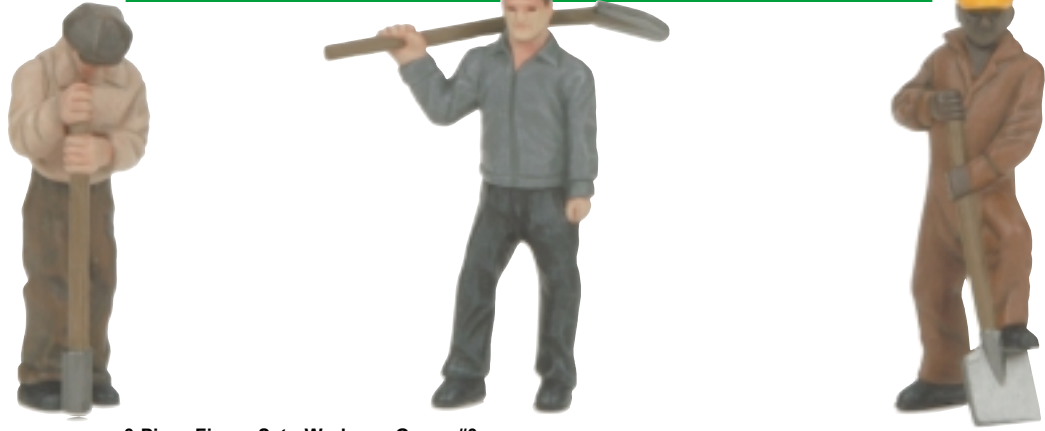
3-Piece Figure Set - Workman Group #1
70-10003 \$19.95



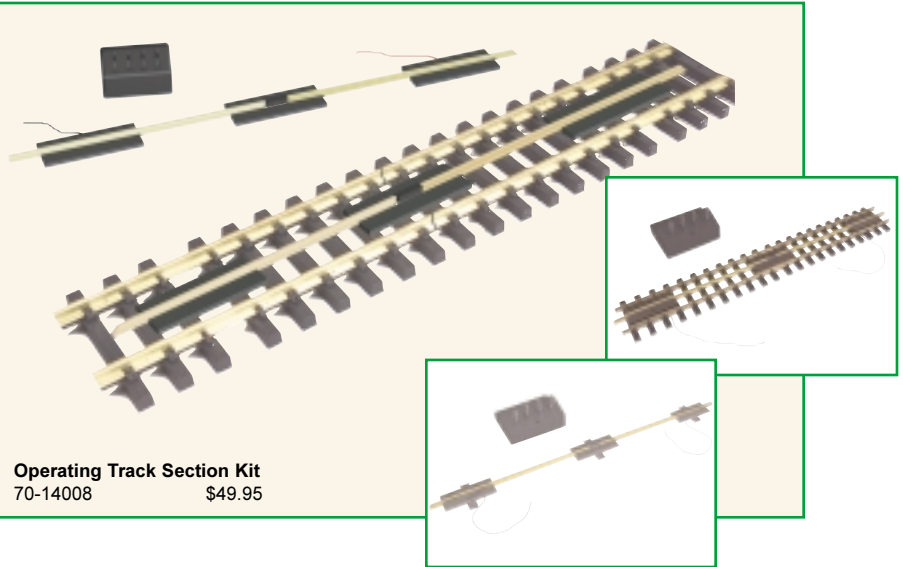
3-Piece Figure Set - Workman Group #2
70-10004 \$19.95



3-Piece Figure Set - Workman Group #4
70-10006 \$19.95



3-Piece Figure Set - Workman Group #3
70-10005 \$19.95



Operating Track Section Kit
70-14008 \$49.95

MTH RAILROADERS Club

Get the inside scoop!

As a member of the M.T.H. Railroaders Club® you'll receive:

Limited-Edition Club Car

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

The CrossingGate®, Club Magazine

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

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

Club members get the catalogs, filled with cool, limited-run engines & accessories, earlier than the rest of our mailing list, so they can order from their local train store before the best items are sold out.



MTHRC State of Maine - 40' Reefer Car
70-78010 R-1 Curves \$100.00 (Includes Club Membership)
Measures: 17 3/8" x 3 15/16" x 5 1/8"

Club Web Site

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

RailWare™ Software CD-ROM

Use your computer to design track layouts, search the database of all M.T.H. products, look at our past catalogs, listen to Proto-Sound® 2.0 train effects, & much more. This CD retails for \$79.95, but is yours FREE as a Club member.

Club Card & Lapel Pin

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

Proto-Sound® 2.0 Upgrade Kits

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

Carry on the M.T.H. tradition with memorabilia and collectibles

MTH Promotional DVD

This video 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)!





On-line & toll free access to the network of M.T.H. Authorized Retailers & "tools" on the M.T.H. website (www.mthtrains.com), such as the M.T.H. Product Locator, have helped many train enthusiasts locate nearby retailers, service centers or even a particular desired product for years.

Now, M.T.H.'s new on-line "Dealer Availability" finder allows customers interested in a newly-announced product to find a retailer with the item(s) on order.

In addition, M.T.H. is expanding these services with two ALL NEW programs that will provide consumers with access to retailers who provide a superior environment for showcasing & demonstrating M.T.H. products & cutting edge technology.

At M.T.H. Authorized DCS™ Demo Centers, you can now expect to see DCS™ & Proto-Sound® 2.0 equipped locomotives in action, find DCS™ in stock & learn more about this exciting command control system from experienced DCS™ staff members.

M.T.H. Authorized Mega Station Retailers are your best bet for finding the widest selection of M.T.H. products in stock when you want them. Like a DCS™ Demo Center, your local Mega Station retailer has DCS™ in stock & the know-how to get you up & running in no time.

Not all products depicted in this catalog are production models. In some cases, the items pictured may be HO, O Scale or some other scale product. All item's graphic features and content are subject to change after publication. All product features may be verified on their retail packages.

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M.T.H.'s DCS Digital Command System has received U.S. Patent No. 6,457,681. M.T.H.'s Proto-Sound 2.0 system has received U.S. Patent No's 6,457,681 B1 (sound system), 6,457,681 B1 (Proto-Speed Control), 6,604,641 (Proto-Coupler), 6,280,278 (Proto-Smoke). M.T.H.'s RealTrax has received U.S. Patent No. 6,019,289. M.T.H.'s ScaleTrax switches have received U.S. Patent No. 6,491,263. M.T.H.'s Z-4000 Transformer has received U.S. Patent No's. 6,281,606 & 6,624,537. Some images used in this publication © 2004 www.clipart.com

M T H O N E G A U G E M E G A S T A T I O N S

Arizona

Arizona Train Depot

Mesa, AZ

480-833-9486

www.arizonatraindepot.com

Colorado

Mizell Trains

Westminster, CO

303-429-4811

www.mizelltrains.net

Florida

Ready to Roll

Miami, FL

305-688-8868

www.readytorolltrains.com

Roundhouse South

Port Orange, FL

386-304-7002

www.roundhousesouth.com

Illinois

Bike & Choo Choo Connection

Schaumburg, IL

847-882-7728

Maryland

Sidetrack Hobbies

Leonardtown, MD

301-475-5800

www.sidetrackhobbies.com

New York

Nassau Hobbies

Freeport, NY

516-378-9594

www.nassauhobby.com

Ridge Raod Station

Holley, NY

585-638-6000

www.rystation.com

Train Land

Lynbrook, NY

516-599-7080

www.trainworld.com

Train World

Brooklyn, NY

718-436-7072

www.trainworld.com

Nevada

Reno Rails

Reno, NV

775-337-6669

Ohio

Davis Trains

Milford, OH

800-448-1060

www.davistrains.com

G Scale Junction

Newark, OH

740-967-0059

www.gscaletjunction.com

Pennsylvania

Nicholas Smith Trains

Broomall, PA

610-353-8585

www.nstrains.com

Texas

Mike's Hobby Shop

Porter, TX

281-577-8250

www.mikes-hobbyshop.com

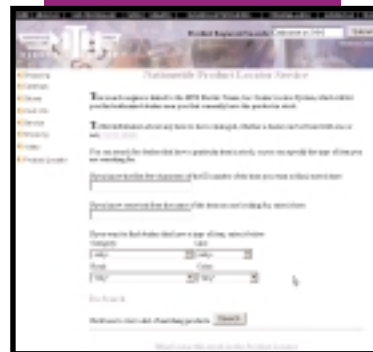
Virginia

Train Depot

Manassas, VA

703-335-2216

www.traindepotonline.com



Service Information

Our Service Page is your direct link to the M.T.H. Tech Support Team. Register your warranty, find a local service center or submit a product specific question here. You can even place a parts order through our secured server. It's easy and quick like it should be when you're looking for answers.

Product Locator

The most popular section of the M.T.H. website can be found here. This is where visitors come looking to locate a particular product within the vast M.T.H. Authorized Retailer network. Developed in 1999, no other manufacturer has yet created a service like this for their customers. With over 7,000 items in the M.T.H. product line, this tool is your best bet for finding a hard-to-get M.T.H. item.

View a catalog

The latest products featured in each M.T.H. catalog can be seen here. This is a popular destination for customers waiting for a new catalog to arrive in the mail. Sign up for our free electronic newsletter & you'll be notified when a new catalog has been posted online. You'll have all the news and details before any of your friends.

Shipping Schedule

Keeping track of all those M.T.H. items would be an impossible task without our online shipping schedule. We update the schedule every week with the latest monthly releases. You can access this information directly or from the Product Locator section.

H O M E P A G E



A quick trip to the M.T.H. website will result in a wealth of information on M.T.H. products from a site that was designed to give the visitor easy access to all things M.T.H. Here you will find a complete list of M.T.H. products, an easy to use product / dealer locator, tons of news & information on M.T.H. You can even watch videos of M.T.H. products in action.

FIND IT HERE

THE **DCS**™
DIGITAL COMMAND SYSTEM

EXPERIENCE

WWW.PROTOSOUND2.COM

• Simple 3 Step Installation

• Easy to Use Wireless Remote

• Hundreds of Exciting Features

SIMPLE. EASY. FUN.

