

## THE MOST TRUE TO SCALE, REALISTIC, FUN TO OPERATE, **ONE-GAUGE TRAINS YOU CAN BUY**

#### RAILKING ® CAPTURES THE DRAMA OF MAINLINE AMERICAN RAILROADING

#### True to Scale

While one-gauge manufacturers offer trains in a variety of scales, only 1:32 models such as the RailKing® line are correctly proportioned to represent standard gauge American trains. Models built to 1:29 scale, for example, are slightly oversized for one-gauge track.

RailKing 1:32 trains, however, are fully compatible with your existing equipment and can be intermixed with 1:29 and other one-gauge models RailKing engines and cars run on standard 2-rail 45mm DC-powered track systems, including LGB's 332 track and the code 250 rail used by fine scale railroaders. All RailKing engines and cars are supplied with truck-mounted operating knuckle couplers, hook & loop couplers, and body mounting pads for Kadee couplers - so they can mate with virtually any other garden-sized train

RailKing models don't just look like the real thing - they perform like real trains.



All RailKing locomotives feature CD-quality steam chuff or diesel prime mover, horn or whistle, bell, squealing brakes, and a host of other prototypical train sounds. Wherever possible, we have recorded the actual sounds of the engine we're modeling. In addition, RailKing engines have a full complement of lighting, including firebox glow on steam engines, for vivid nighttime running.

Our patented cruise control system allows you to throttle down to speeds as low as three scale mile per hour - and maintain that speed regardless of load, track curvature, or variations in terrain. Our steam engines feature puffing smoke synchronized to the chuff sound and drive wheels, with a prototypical four puffs per driver revolution even at the slowest speeds

Of course, RailKing models are also built to accurate prototype dimensions and paint schemes, based on extensive research. What else would you expect from M.T.H. Electric Trains, the parent company of RailKing One-Gauge? For the past 25 years, M.T.H. has been at the forefront of a revolution in scale detailing and realistic operation in O aquae railroadina.

#### Fun to Operate

More than any other one-gauge manufacturer, RailKing captures the drama of mainline American railroading. The features that make our trains dramatic and fun to operate are standard in all RailKing equipment - not costly options or add-ons. In addition to normal locomotive sounds, our Proto-Sound® 2.0 sound systems include separatey controllable environmental effects such as crew conversations, wheel clickety-clack, and the

Doppler effect of a passing train. Passenger locomotives feature accurate station announcements for the route traveled by the prototype; freight engines reproduce a symphony of freight yard

As mentioned earlier, RailKing engines can throttle down to a crawl and maintain that speed regardless of load or terrain. When you just want to sit back and watch your trains run, our cruise control ensures the throttle won't need your attention. Cruise control is available no matter what power system you are currently using, because RailKing engines are fully compatible with most common DC and AC power supplies.\*

Every RailKing locomotive is also equipped for wireless handheld control, using our optional Digital Command System (DCSTM).

double-head locomotives, add or drop helper engines, or bring a train into the station with a mainline engine and then have a switcher break up the consist. When you have guests, give each visitor a DCS handheld and let them control their own engine. Outdoor railroading doesn't get any

RailKing models are designed and built for the challenges of outdoor railroading. All engine and rolling stock bodies are molded in polycarbonate, a plastic engineered to endure extremes of heat and cold and constant exposure to sunlight. We use only UV-resistant paint to protect our colors from fading. And every RailKing engine, freight car, and passenger car rolls on metal wheels and axles for smooth, long-lasting operation in virtually any environment.



Available for separate purchase, the DCS system unlocks dozens of sound and operational options built into every RailKing locomotive. Whistle, bell, and steam chuff or diesel engine sounds have tion control, cruise control, and steam chuff or independently adjustable volume control, for example, and additional sounds can be accessed.

DCS-equipped engines can be operated independently at the same time on the same electrically continuous track. Just like the prototype, you can

\* See www.railkinglgauge.com for a list of compatible DC and AC power supplies. In DC operation, RailKing locomotives feature speed and direcdiesel prime mover sounds; bell, whistle, and other sound effects are not available. AC transformers with bell and whistle buttons allow access to most DCS also offers full command control. Up to 99 Proto-Sound® 2.0 features, and DCS operation unlocks all sound and operational features.

#### M.T.H. One-Gauge Mega Stations

Lynbrook, NY

516-599-7080

Train World

Brooklyn, NY

Nevada

718-436-7072

www.trainworld.com

www.trainworld.com

#### Arizona

Arizona Train Depot Mesa, AZ 480-833-9486

www.arizonatraindepot.com

#### California

Train Shack Burbank, CA 818-842-3330

#### 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

Schaumburg, IL 847-882-7728

St. Aubin Station Woodstock, IL

#### Maryland

Sidetrack Hobbies Leonardtown, MD 301-475-5800 www.sidetrackhobbies.com

#### New York

Nassau Hobby Center Inc Freeport, NY 516-378-9594 www.nassauhobbv.com

Ridge Road Station Holley, NY 585-638-6000 www.rrstation.com

Bike & Choo Choo Connection

815-334-9100

Reno Rails Reno, NV 775-337-6669

Davis Trains Milford, OH 800-448-1060 www.davistrains.com

Ohio

G Scale Junction Newark, OH 740-967-0059 www.gscalejunction.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





#### Who is M.T.H.?

providing O gauge modelers with greater realism in operating less of environment. 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

M.T.H. is the twenty-five year-old company that revolutionized RailKing One-Gauge product line has been infused with 1/32 the O gauge market by introducing in just 12 short years the scale American prototype models loaded with detail and feawidest variety of high-quality O gauge models ever produced. tures not found in other large scale product lines. Designed Each model is marketed at reasonable prices, with an emphasis on detailed design and cutting-edge sound and control built from rugged polycarbonate plastic and utilize metal technology. As a result, we doubled the size of the market by wheels and axles for durable, long-lasting operation regard-



WWW.RAILKING1GAUGE.COM

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# **FEATURES** Detailed weather-resistant polycarbonate boiler Operating Ashpan Flicker and tender body • Numerous added-on details including piping, Weather-resistant, Authentic Paint Scheme

- Indoor/Outdoor Use
- Metal Wheels and Axles
- Supplied with operating Proto-Coupler<sup>TM</sup>, hook & loop coupler, and drilled mounting pad for Kadee coupler
- Lighted Number Boards
- Lighted Marker Lights
- Constant Voltage Locomotive Headlight
- (2) Precision Flywheel-Equipped Motors
- Engineer and Fireman Figures
- Operating Firebox Glow

- ladders, front end throttle, builder's plates, air pumps, pilot radiators, and metal bell, whistle, and handrails
- Synchronized Puffing ProtoSmoke™ System
- Operating Tender Back-up Light
- 1:32 Scale Proportions
- Locomotive Speed Control
- Proto-Sound® 2.0 With The Digital Command System Featuring: Freight Yard Proto-Effects™
- Unit Measures: 50" x 4 1/8" x 6"
- Operates On R3 Curves







Delaware & Hudson - 4-6-6-4 Challenger Steam Engine 70-3013-1 With Proto-Sound® 2.0 \$1,299.95



Denver Rio Grande - 4-6-6-4 Challenger Steam Engine 70-3014-1 With Proto-Sound® 2.0 \$1,299.95



Northern Pacific - 4-6-6-4 Challenger Steam Engine 70-3015-1 With Proto-Sound® 2.0 \$1,299.95



Union Pacific - 4-6-6-4 Challenger Steam Engine 70-3016-1 With Proto-Sound® 2.0 \$1,299.95



Western Maryland - 4-6-6-4 Challenger Steam Engine 70-3017-1 With Proto-Sound® 2.0 \$1,299.95

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

#### 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.





**Chicago & Alton** - 4-6-4 J3a Hudson Steam Engine 70-3018-1 With Proto-Sound® 2.0 \$899.95



New York Central - 4-6-4 J3a Hudson Steam Engine 70-3019-1 With Proto-Sound® 2.0 \$899.95



**Pere Marquette** - 4-6-4 J3a Hudson Steam Engine 70-3020-1 With Proto-Sound® 2.0 \$899.95



**Unlettered** - 4-6-4 J3a Hudson Steam Engine 70-3021-1 With Proto-Sound® 2.0 \$899.95

n Thoroughbreds, Alvin Staufer and Edward May's definitive book on the New York Central Hudsons, Al summarizes the attraction of this engine in a few perhapsbiased but nonetheless eloquent words: "The Hudsons had it all: looks, performance, and timing. ... The forte of all Hudsons was power at speed.... That the NYC Hudson was the first of her wheel arrangement in the United States matters not nearly as much as what she hauled and how she hauled it. The Hudsons were designed to haul the Great Steel Fleet on the Water Level Route [the NYC's raceway from New York to Chicago, home of the 20th Century Limited and the Empire State Express, and the bane of rival Pennsylvania Railroad, whose route lay over the Allegheny Mountains]. The Hudsons were a New York Central phenomenon. They were a special machine for that special road. They were synonymous with the best. They were the best."

The J3a "Super Hudsons" were the last and finest of the breed, with nearly 20% more horsepower than the earlier J1's and roller bearings on all wheels. Delivered in 1937 and 1938, the fifty J3a's also represented the largest single steam engine order in the depths of the Great Depression.

Our 1:32 scale model of this famous engine exemplifies the best in today's one-gauge locomotives. Relive the drama of the original Hudsons with synchronized puffing smoke, and a full range of authentic steam sounds. A powerful flywheel-equipped motor and twin traction tires ensure the RailKing Hudson duplicates the magnificent performance of the New York Central original.





**Southern Pacific** - 4-8-4 GS-4 Steam Engine with Operating Mars Light 70-3005-1 With Proto-Sound® 2.0 \$1099.95



American Freedom - 4-8-4 GS-4 Steam Engine with Operating Mars Light 70-3006-1 With Proto-Sound® 2.0 \$1099.95



**Southern Pacific** - 4-8-4 GS-2 Steam Engine 70-3011-1 With Proto-Sound® 2.0 \$1099.95



Western Pacific - 4-8-4 GS-2 Steam Engine
70-3012-1 With Proto-Sound® 2.0 \$1099.95

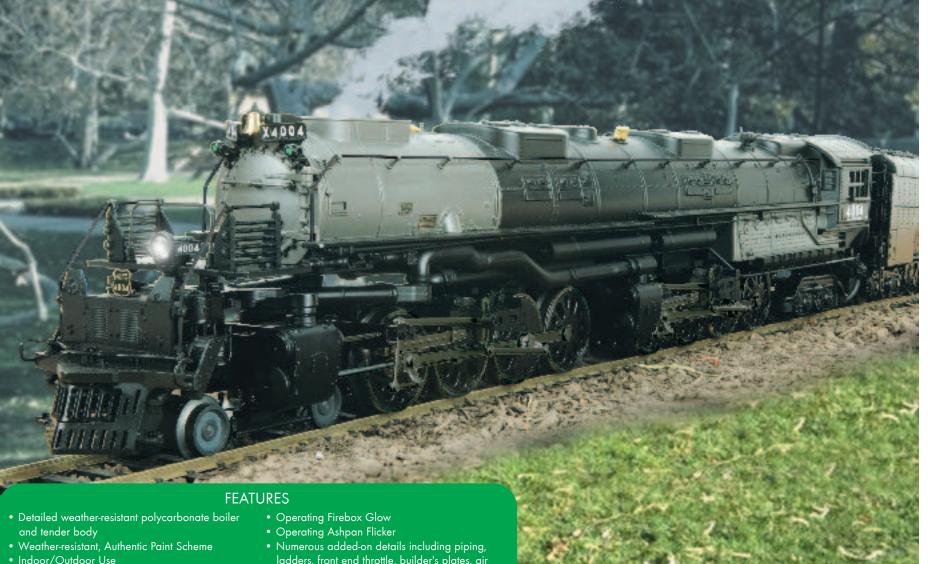
n 1937 the Southern Pacific trumpeted a new train in full-page magazine ads:

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

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

Leading the trains were the Southern Pacific's class GS (for "Golden State") Northerns, arguably among the handsomest steam engines ever built. Constructed by Lima Locomotive Works, inventor of the super-power concept, the Daylight 4-8-4s had the combination of power and speed that characterized steam power at its zenith. Class GS-4 engines, delivered in 1941 and 1942, were among the last and best-looking of the breed, with tall 80" drivers and enclosed all-weather cabs. In addition to handling premier passenger trains, the Daylight 4-8-4s were regularly used in high-speed freight service on the San Francisco-Los Angeles Overnight. The last GS Northerns, delivered in 1943, were ten GS-6 engines painted in plain black and built without steamlined shrouding due to wartime material restrictions.

A lone GS-4, No. 4449, was saved from the scrapper and placed on display in a Portland, Oregon park, where it sat silent for nearly two decades. An elderly gentleman was a regular visitor to the locomotive, oiling its lubrication points to prevent rusting. In part because of his efforts, No. 4449 was in good enough shape to be restored in 1975 to pull the American Freedom train in celebration of our nation's 200th anniversary. Repainted in Daylight colors, the engine operates today in excursion service. One other SP Northern, unshrouded GS-6 No. 4460, survives on display at the Museum of Transportation in St. Louis.



UNION PACIFIC



Union Pacific - 4-8-8-4 Big Boy Steam Engine 70-3009-1 With Proto-Sound® 2.0







#### Did You Know?

Union Pacific's #4014 currently is on display at the Los Angeles County Fairplex in Pomona, California

Writer Henry Comstock beautifully described the Big Boy's place at the apex of steam engine history: "A Union Pacific 'Big Boy' was 604 tons and 19.000 cubic feet of steel and coal and water. poised upon 36 wheels spaced no wider apart than those of an automobile. That it could thunder safely over undulating and curved track at speeds in excess of 70 miles an hour was due in large measure to the efforts of two long-forgotten pioneers. As early as 1836, the basic system that held its wheels in equalized contact with the rails was

try it sped through.

This enduring symbol of American railroading graces the RailKing line for 2005, complete with the industry-leading speed control, smoke output, and range of accurate sounds that characterize all MTH one-gauge locomotives. Our model features two motors and four traction tires for pulling power and speed that rival the original Big Boy - as well as authentic articulated chuffing sounds with the two engines drifting in and out of sync.

patented by a Philadelphian named Joseph

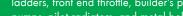
Harrison; and a French technical writer, Anatole

Mallet, first thought to couple two driving units

heel to toe below one boiler in 1874."

exceeded the Big Boy's weight and power.

American West, as big and powerful as the coun-



- Synchronized Puffing ProtoSmoke™ System
- Operating Tender Back-up Light
- 1:32 Scale Proportions
- Proto-Sound® 2.0 With The Digital Command
- Unit Measures: 53" x 4 3/8" x 6"
- (2) Precision Flywheel Equipped Motors Engineer and Fireman Figures • Operates On R3 Curves

• Die-Cast Locomotive Metal Chassis

• Supplied with operating knuckle coupler, hook &

loop coupler, and drilled mounting pad for

• Constant Voltage Locomotive Headlight

Metal Wheels and Axles

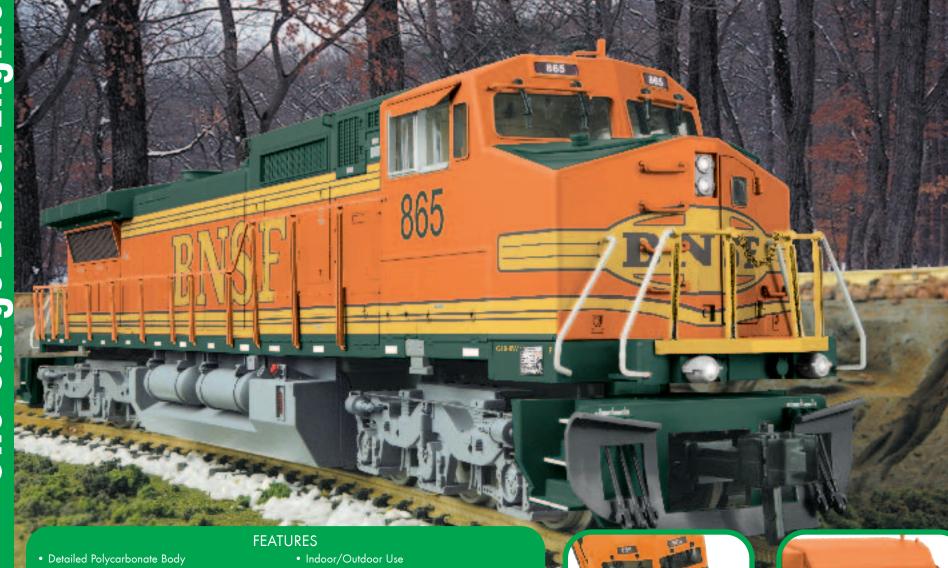
• Lighted Number Boards

• Lighted Marker Lights

Kadee coupler

ladders, front end throttle, builder's plates, air pumps, pilot radiators, and metal bell, whistle, and handrails

- Locomotive Speed Control
- System Featuring: Freight Yard Proto-Effects<sup>TM</sup>



- Authentic Paint Scheme
- (2) Uninstalled Hook & Loop Couplers
- Constant Voltage Directionally Controlled Headlights
- (2) Precision Flywheel Equipped Motor
- Detailed Cab Interior
- Metal Handrails and Decorative Horn
- Opening Cab Doors
- Operating ProtoSmoke<sup>TM</sup> System
- Operating Cab Interior Lighting

- (2) Remotely Controlled Proto-Couplers™
- Locomotive Speed Control
- Metal Wheels, Axles and Gears
- (2) Engineer Cab Figures • Illuminated Number Boards
- Operating Ditch Lights
- Proto-Sound® 2.0 With The Digital Command System Featuring: Freight Yard Proto-Effects<sup>TM</sup>
- Unit Measures: 29" x 3 3/4" x 5 7/8"
- Operates On R1 Curves



Amtrak - Dash-8 Diesel Engine (4-Wheel Truck)

With Proto-Sound® 2.0 \$499.95 70-2023-3 Non-Powered \$299.95



BNSF - Dash-8 Diesel Engine (6-Wheel Truck)

70-2024-1 With Proto-Sound® 2.0 \$499.95 70-2024-3 Non-Powered \$299.95



Canadian Pacific - Dash-8 Diesel Engine (6-Wheel Truck)

With Proto-Sound® 2.0 70-2025-3 Non-Powered \$299.95



Canadian National - Dash-8 Diesel Engine (6-Wheel Truck)

With Proto-Sound® 2.0 70-2026-1 \$499.95 70-2026-3 \$299.95 Non-Powered



Alaska - Dash-8 Diesel Engine (6-Wheel Truck)

With Proto-Sound® 2.0 \$499.95 70-2029-3 Non-Powered \$299.95

engaged in heated competition (that continues today) for market share 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 other opted for the wider safety or comfort cabs. Some Dash-8s have 4-wheel trucks, and other have 6wheel trucks. All this variety means that these diesels, which were designed for fast freight duty, are also well suited for Amtrak's passenger 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.

n the late 1980s, as General Electric and General Motors' Electro-Motive Division

M.T.H. is proud to make this rugged American prototype available to garden railroaders in a variety of roadnames that are sure to please. Available in the markings of Alaska, Amtrak, BNSF, Canadian Pacific, and Canadian National, these highly detailed 1:32 scale models provide realistic operation and the long list of features shown.

#### 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 at full power for ten minutes, so the crew doesn't find itself stranded in a tunnel.

**∀id** 

20



- Detailed Polycarbonate Bodies
- Authentic Paint Scheme
- Metal Wheels and Axles
- Constant Voltage Directionally Controlled Headlights
- Engineer and Fireman Figures
- Detailed Cab Interiors
- Metal Handrails and Decorative Horn
- Opening Cab Doors
- Operating Cab Interior Lighting
- Indoor/Outdoor Use

- Locomotive Speed Control
- Operating Smoke Unit In Each A Unit
- (2) Precision Flywheel-Equipped Motors In Each A Unit
- Remotely Controlled Proto-Coupler™ On Each
- (2) Uninstalled Hook & Loop Couplers
- Proto-Sound® 2.0 With The Digital Command System Featuring: Passenger Station Proto-Effects™
- Unit Measures: 39" x 3 3/4" x 5 1/4"
- Operates On R2 Curves



Pennsylvania - F-3 AA Diesel Set 70-2007-1 With Proto-Sound® 2.0 \$699.95 \$249.95 70-2007-3 Non-Powered B-Unit



Western Pacific - F-3 AA Diesel Set

\$699.95 With Proto-Sound® 2.0 70-2012-3 Non-Powered B-Unit \$249.95



Baltimore & Ohio - F-3 AA Diesel Set

70-2014-1 With Proto-Sound® 2.0 \$699.95 \$249.95 70-2014-3 Non-Powered B-Unit



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Caterpillar - F-3 AA Diesel Set

With Proto-Sound® 2.0 \$699.95 \$249.95 Non-Powered B-Unit



Texas Special - F-3 AA Diesel Set

With Proto-Sound® 2.0 \$699.95 70-2016-3 Non-Powered B-Unit \$249.95



With Proto-Sound® 2.0 \$699.95 \$249.95 70-2008-3 Non-Powered B-Unit

With Proto-Sound® 2.0 \$699.95 Non-Powered B-Unit \$249.95 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

orld War II had called for locomotive manufacturers to adhere to produc-

tion 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

The F-3 emerged with a new generator that supplied both direct and alternating current, an

before the official end of the war.

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.

were impressed with the tests and hundreds of

advance orders for the F-3s poured in.

#### Did You Know?

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



Authentic Paint Scheme

• (2) Uninstalled Hook & Loop Couplers

- Constant Voltage Directionally Controlled Headlights
- (2) Precision Flywheel-Equipped Motor
- Detailed Cab Interior
- Metal Handrails and Decorative Horn
- Opening Cab Doors
- Operating ProtoSmoke™ System
- Operating Cab Interior Lighting
- Indoor/Outdoor Use



- Illuminated Number Boards
- Operating Ditch Lights
- Proto-Sound® 2.0 With The Digital Command System Featuring: Freight Yard Proto-Effects™
- Unit Measures: 29" x 3 3/4" x 5 7/8"
- Operates On R1 Curves



**Conrail** - Dash-8 Diesel Engine (Narrow Nose/4-Wheel Truck) 70-2027-1 With Proto-Sound® 2.0 \$499.95

70-2027-3 Non-Powered \$299.95

PROVIDENCE A WORKERSTER

Providence & Worcester - Dash-8 Diesel Engine (Narrow Nose/4-Wheel Truc

70-2028-1 With Proto-Sound® 2.0 70-2028-3 Non-Powered \$499.95 \$299.95



Susquehanna - Dash-8 Diesel Engine (Narrow Nose/4-Wheel Truck)

70-2030-1 With Proto-Sound® 2.0 \$499.95 70-2030-3 Non-Powered \$299.95



Union Pacific - Dash-8 Diesel Engine (Narrow Nose/4-Wheel Truck)

70-2031-1 With Proto-Sound® 2.0 \$499.95 70-2031-3 Non-Powered \$299.95

General Motors' Electro-Motive Division engaged in heated competition (that continues today) for market share 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 other opted for the wider safety or comfort cabs. Some Dash-8s have 4-wheel trucks, and other have 6wheel trucks. All this variety means that these diesels, which were designed for fast freight duty, are also well suited for Amtrak's passenger 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.

n the late 1980s, as General Electric and

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 is sure to please. These highly detailed 1:32 scale models provide realistic operation and the long list of features shown.

#### 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 at full power for ten minutes, so the crew doesn't find itself stranded in a tunnel.

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 manufacturer's 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 Polycarbonate Body
- Metal Wheels and Axles
- Decorative Brake Wheels
- Supplied with Operating Knuckle and Hook &
- Colorful, Attractive Indoor/Outdoor Paint
- Sliding Car Doors

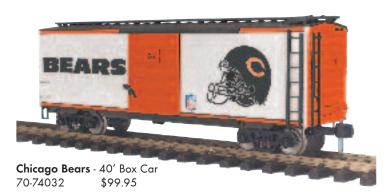




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70-74033 \$89.95



New York Central - 40' Box Car 70-74034 \$89.95

> Colorado Southern - 40' Box Car \$89.95 70-74044



70-74035

off the way

\$89.95









- Intricately Detailed Polycarbonate Body
- 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
- Sliding Car Doors (Where appropriate)
- 1:32 Scale Dimensions
- Unit Measures: 17 3/8" x 4" x 5 9/16"
- Operates On R1 Curves







Union Pacific - 40' Box Car

# New York Central - Flat Car w/45' Trailer

70-76033 \$99.95

#### FEATURES

- Intricately Detailed Polycarbonate Flat Car
- Metal Wheels and Axles

With

- Decorative Brake Wheels Separate Metal Handrails
- Detailed, Sprung 4-Wheel Trucks
- Choice of Operating Knuckle or Hook & Loop
- Colorful, Attractive Indoor/Outdoor Paint

Norfolk Southern - Flat Car w/ Die-Cast Transformer

- 1:32 Scale Dimensions
- Unit Measures: 22" x 4 1/8" x 2 1/2"
- Operates On R1 Curves



**Santa Fe** - Flat Car w/45' Trailer 70-76034 \$99.95



TTX - Flat Car w/ Die-Cast Transformer 70-76038 \$99.95



Iron City - Flat Car w/45' Trailer 70-76032 \$99.95



70-76031 \$99.95



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#### **FEATURES**

- Intricately Detailed Polycarbonate Body
- 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
- Sliding Car Doors
- 1:32 Scale Dimensions
- Unit Measures: 17 3/8 x 4 x 5 9/16
- Operates On R1 Curves

INNSYLVANIA

Pennsylvania - 40' Reefer Car

\$89.95

Railway Express Agency - 40' Reefer Car 70-78016 \$89.95

70-78021



Altoona 36 Lager - 40' Reefer Car 70-78017 \$89.95



Canadian Pacific - 40' Reefer Car 70-78020 \$89.95



Enterprise Lager - 40' Reefer Car 70-78015 \$89.95



Denver Rio Grande - 40' Reefer Car 70-78018 \$89.95



# CHROME PLATED TANK CAR BODY Esso - Unibody Tank Car 70-7301*5* \$89.95

#### **FEATURES**

- Intricately Detailed Polycarbonate Body 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
- Unit Measures: 18" x 3/8" x 4" x 6"
- Operates On R1 Curves



Shell - Unibody Tank Car \$89.95 70-73016



\$89.95

Sunoco - Unibody Tank Car , \$89.95 *7*0-*7*301*7* 



70-73018 \$89.95



Columbia Oil - Unibody Tank Car \$89.95 70-73019



Bakers Chocolate - Unibody Tank Car





Conrail - Offset Steel Caboose \$129.95



Western Maryland - Offset Steel Caboose 70-77015 \$129.95

New York Central - Offset Steel Caboose 70-77013 \$129.95



- Metal Wheels and Axles
- Decorative Brake Wheels
- Detailed Caboose Interior
- (2) Detailed Caboose Figures
- Separate Metal Handrails
- Choice of Operating Knuckle or Hook & Loop



70-77018 \$129.95



Canadian National - Offset Steel Caboose 70-77016 \$129.95



- Intricately Detailed Polycarbonate Body
- Operating Caboose Interior Lights
- Opening Caboose Doors
- Operating Marker Light
- Detailed 4-Wheel Trucks
- Couplers
- Colorful, Attractive Indoor/Outdoor Paint
- 1:32 Scale Dimensions
- Unit Measures: 15" x 3 13/16" x 6"
- Operates On R1 Curves



Canadian Pacific - Offset Steel Caboose



Pere Marquette - Offset Steel Caboose \$129.95

Steel

2000

#### dd some life to your yard work with RailKing One-Gauge operating cars!

These exciting hard working cars will add a level of fun previously missing in large scale model railroading. The operating helicopter car features an actual flying helicopter that lifts off the car and flies up into the air as high as 50 feet! When sitting on the RailKing One-Gauge operating track section, a touch of a button will start the helicopter's main rotor spinning. When you're ready pressing another button will release the copter into the air. The platform can be adjusted to allow the copter to

travel straight up, forward or backward.

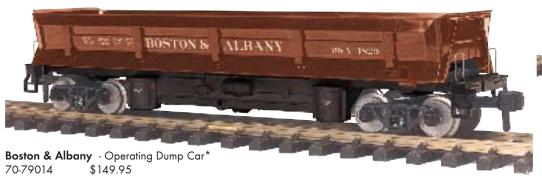




- Intricately Detailed Polycarbonate Body
- Metal Wheels and Axles
- Decorative Brake Wheels
- Die-Cast Metal Chassis
- Operating Helicopter
- Separate Metal Handrails
- Detailed, Sprung 4-Wheel Trucks
- Operating Knuckle or Hook & Loop Couplers
- Colorful, Attractive Indoor/Outdoor Paint
- 1:32 Scale Dimensions
- Unit Measures: 22" x 7 5/8" x 7 3/4"
- Operates On R1 Curves



IN THE AIR





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





- Intricately Detailed Polycarbonate Body
- Metal Wheels and Axles

\$149.95

70-79016

- Decorative Brake Wheels
- Die-Cast Metal Chassis
- Operating Log Bay • Separate Metal Handrails
- Detailed, Sprung 4-Wheel Trucks
- Operating Knuckle or Hook & Loop Couplers
- Colorful, Attractive Indoor/Outdoor Paint
- 1:32 Scale Dimensions
- Unit Measures: 18 3/8" x 4" x 3 5/8"
- Operates On R1 Curves



New York Central - Operating Dump Car\* \$149.95

\* Requires Operating Track **Section Accessory** See Page 31



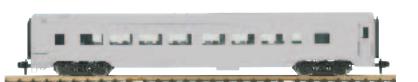


Hillcrest Lumber - Operating Log Car\* 70-79003 \$149.95

perating

No other manufacturer matches the quality and value found a RailKing One-Gauge passenger car. 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 ensure years of operation. What's more, each passenger car features a detailed interior, opening doors and overhead lighting for a realistic appearance.





#### Southern Pacific - 3-Car Streamlined Passenger Set - Ribbed \$399.95

#### Unlettered 3-Car Streamlined Passenger Set - Smooth

\$399.95 70-65012 Streamlined Passenger Coach - Smooth

\$149.95 70-67012

Streamlined Passenger Observation Car - Smooth

\$149.95



American Freedom - Streamlined Passenger Coach - Smooth \$149.95 70-67002



Southern Pacific - Streamlined Passenger Coach - Ribbed \$149.95



Pass

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Southern Pacific - Streamlined Passenger Observation Car - Ribbed \$149.95



American Freedom - 3-Car Streamlined Passenger Set - Smooth \$399.95 70-65002

#### FEATURES

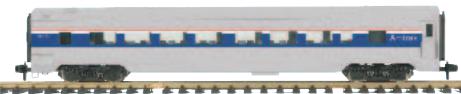
- Durable Intricately Detailed Polycarbonate Bodies
- Detailed, Sprung 4-Wheel Trucks
- Choice Of Knuckle or Hook & Loop Couplers
- Colorful, Attractive Weatherproof Paint
- End-of-Car Diaphragms
- Separate Metal Handrails
- Metal Wheels and Axles
- Opening Car Doors
- Detailed Car Interiors
- Overhead Interior Lighting
- 1:32 Scale Height and Width
- Detailed Car Undercarriage
- Each Car Measures: 28 1/2" x 3 3/4 x 5"



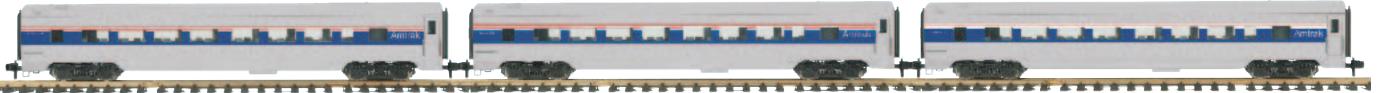
American Freedom - Streamlined Passenger Observation Car - Smooth 70-68002 \$149.95



Amtrak - Streamlined Passenger Observation Car - Smooth \$149.95



Amtrak - Streamlined Passenger Coach - Smooth \$149.95



Amtrak - 3-Car Streamlined Passenger Car Set - Smooth

\$399.95

#### TAKETOTAL CONTROL OF YOUR LAYOUT

There is a new way of controlling large gauge rail- Command control roads today that you've got to see to believe. It's Operate up to 99 DCS-equipped engines indecalled DCS<sup>TM</sup> (for Digital Command System) and it's the most revolutionary product to hit model railroading since locomotives first became equipped with sound!

ating a model railroad, command systems allow drop helper engines, or bring a train into the stathe user to independently control each engine tion with a mainline engine and then have a even if other engines are on the same track at the switcher break up the consist. same time. The concept has been around since the early 1990's, but only DCS<sup>TM</sup> makes it simple and easy to use thanks to it's state-of-the art technology and intuitive interface.

transformer. Each engine automatically detects and adjusts the output to its motor accordingly.

But upgrading to DCS unlocks more features than Proto-Sound® 2.0 engine sounds you'll find in any other one-gauge operating sys- DCS offers individual control of dozens of sounds tem — features that are factory-installed in every built into every RailKing locomotive. Rev the diesel RailKing locomotive. And with a DCS Upgrade motor up manually before moving your train. Kit, you can add the same features and full sound 
Activate auxiliary sounds such as steam letoff and to almost any other one-gauge locomotive you crew conversations. Whistle, bell, and steam chuff



pendently at the same time on the same electrically continuous track – using one or several DCS wireless handheld remotes. When you have guests, give each visitor a DCS handheld and let the Doppler effect of a train passing by. them control their own engine. Just like the proto-Unlike traditional or conventional means of oper-

#### Wireless handheld throttle

sories, everything - from one or more DCS handheld remotes. An LCD screen indicates which As you'd expect, RailKing locomotives are comengine you're controlling and its current speed, patible with virtually any one-aguae DC or AC adjustable in one-scale-mile-per-hour increments. Program engines and accessories on the same what type of current is running through the rails screen. For nighttime operation, turn on the screen's backlight.

own. Here's just a partial list of what DCS offers: or diesel prime mover sounds even have independently adjustable volume control.

#### Station sounds

RailKing passenger engines offer Passenger Station Proto-Effects<sup>TM</sup>, a complete arrival and departure sequence that you can activate on ied to suit your taste. demand. Freight engines include Freight Yard Proto-Effects<sup>TM</sup>, a symphony of freight terminal

Add ambience to your railroad with the variety of train sounds built into Proto-Sound® 2.0. The DCS handheld gives you access to effects such as wheel clickety-clack, coupler opening sounds, and

#### Programmable operation

Record up to 90 minutes of DCS speed, direction, and sound commands as a program that your engines can repeat on demand. Use this feature to run trains automatically on one part of your railroad while you manually control another area. With the optional Accessory Interface Unit (AIU), you can



#### Smoke control

Adjust the smoke intensity for a steam or diesel engine at any time from the DCS remote. The chuff rate and synchronized smoke puffs for a steam engine, which come factory-set at a prototypical four chuffs per driver revolution, can also be var-

#### Constant lighting

Because DCS operates with a constant voltage on the rails (most operators use 18 volts), engine, caboose, and passenger car lights are always on at a constant intensity. No more "lights-out" when a passenger train arrives at a station!

also program multiple track switches to throw with a single command to create a specific route.

#### Upgradable software

Unlike any DCC or any other command system, RailKing DCS is designed to be upgradable over the Internet. The latest software can be downloaded to any DCS system ever made, so new features can be added and your investment will not become obsolete. As of summer 2005, four major uparades have been issued since DCS was intro-

#### How does it work?

former varies track current to adjust engine speed and direction. Command systems such as DCS, however, put a constant voltage on the track (around 18 volts for DCS) and vary speed by telling each engine how much of that voltage to

In the DCS system, commands such as speed, DCS signal. direction, and sound control are sent as radio signals from the handheld throttle to a TIU (Track Interface Unit). The TIU translates those radio signals into digital information that is sent through the

rails and picked up by a receiver in the appropri-In conventional operation, an AC or DC trans- ate engine – telling it to go, for example, 37 miles per hour, blow the whistle, smoke more heavily, or any other command. DCS locomotives can also send information back to the handheld to let the operator know what they're doing or aprise them of important information, like how many miles the locomotive has travelled, the track voltage at a specific point on the layout, or the quality of the



**DCS Remote Control System** (Handheld and TIU) 50-1001 \$299.95



**DCS Remote Control** 50-1002 \$149.95





12-Port Terminal Block 50-1014 \$16.95

24-Port Terminal Block 50-1020 \$29.95



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



Proto-Sound® 2.0 Battery Charger \$14.95

#### REMOTE UNCOUPLING FROM ANYWHERE, ANYTIME

Your Proto-Sound® 2.0 equipped RailKing One-Gauge locomotive\* comes equipped with a completely new operating knuckle coupler that takes one gauge railroad ng to a whole new level of realism. The Proto-Coupler is a remotely activated coupler that can open anywhere on the layout when your RailKing One-Gauge locomotive is operated with the M.T.H. DCS Digital Command System. You'll find the coupler at the head and tail ends of your diesel or on the back of your steam engine tender. A quick press of the front coupler button on the DCS remote opens the knuckle. Built-in sound effects programmed into the Proto-Sound 2.0 sound library play the clunking sound of the knuckle and whooshing of the air brake lines as they come apart - just like the real thing.

These new Proto-Couplers can also be operated manually with an uncoupling track or by hand. Older RailKing One-Gauge locomotives not equipped with the Proto-Coupler can be retrofitted in just a few minutes.

You can see the new couplers in action by visiting the RailKing One-Gauge website at www.railking 1 gauge.com

GS-2 and GS-4 4-8-4 Northern Steam Engines are not equipped with the Proto-Coupler but can be retrofitted.





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### **EASY TO USE INTERFACE**

nd transformer.

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.

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<sup>TM</sup>. With DCS<sup>TM</sup>, almost any AC or DC transformer can be used. DCS unlocks hundreds of features already programmed into your Railking® One-Gauge locomotive.

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

## **MAKES OPERATION A SNAP**



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!





Plug the TIU into the track lock-on.



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







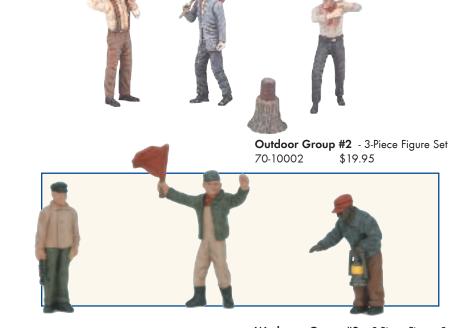
Workman Group #1 - 3-Piece Figure Set 70-10003 \$19.95



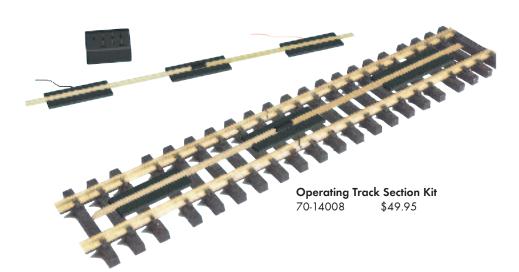
Workman Group #3 - 3-Piece Figure Set 70-10005 \$19.95



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



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



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MTHRRC - Hooker - Unibody Tank Car **ONE-GAUGE MEMBERSHIP \$100.00** 



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#### RailWare™ Software DVD

more. This CD retails for \$79.95, but is yours FREE as a Club member.

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#### Proto-Sound® 2.0 Upgrade Kits

Club members can save an additional 15% on these kits



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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

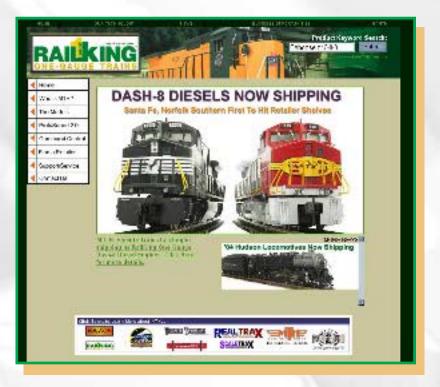
The latest products featured in each M.T.H. catalog can be seen here. This is a popular destination for customers waiting for a new catalog to arrive in the mail. Sign up for our free electronic newsletter & you'll be notified when a new catalog has been posted online. You'll have all the news and details 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 releases. You can access this information directly or from the Product Locator section.

# HOMEPAGE



A guick 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, and general information on M.T.H. You can even watch videos of M.T.H. products in action.

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