

## N 40' 3-Bay Ribbed Hopper

Announced 7.26.19 Orders Due: 8.30.19

#### ETA: July 2020

## **Union Pacific\***





ATH1761 ATH1762 ATH1763

N 40' Outside Braced Hopper/Load, UP #919610 N 40' Outside Braced Hopper/Load, UP (4) #1

N 40' Outside Braced Hopper/Load, UP (4) #2





ATH1764 ATH1765 ATH1844

## Norfolk Southern



N 40' Outside Braced Hopper/Load, NS #994673MW N 40' Outside Braced Hopper/Load, NS (4) #1 N 40' Outside Braced Hopper/Load, NS (4) #2

**RJ** Corman





ATH1846 ATH1847 ATH1848

N 40' Outside Braced Hopper/Load, CSX #965371 N 40' Outside Braced Hopper/Load, CSX (4) #1 N 40' Outside Braced Hopper/Load, CSX (4) #2

## Herzog



ATH1867

ATH1868

ATH1869



N 40' Outside Braced Hopper/Load, HZGX #9864

N 40' Outside Braced Hopper/Load, HZGX (4) #1

N 40' Outside Braced Hopper/Load, HZGX (4) #2

Conrail





ATH1849 N 40' Outside Braced Hopper/Load, RJC #176941 ATH1864 N 40' Outside Braced Hopper/Load, RJC (4) #1 ATH1866 N 40' Outside Braced Hopper/Load, RJC (4) #2

## Alaska Railroad





N 40' Outside Braced Hopper/Load, ARR #14901 ATH1874 ATH1876 N 40' Outside Braced Hopper/Load, ARR (4) #1 N 40' Outside Braced Hopper/Load, ARR (4) #2 ATH1877

## All Road Names

#### **MODEL FEATURES:**

- · Removable load
- Decorated models fully-assembled and ready to run out of the box
- · Highly-detailed, injection-molded body
- · Separately applied brake wheel
- · Machined metal wheels
- · Weighted for trouble free operation
- · Solid nickel silver wheels with RP25 contours operate on all popular brands of track
- · Body mounted McHenry operating scale knuckle couplers
- · Window packaging for easy viewing plus interior plastic blister safely holds the model for convenient storage
- · Replacement parts available
- Minimum radius: 9¾"





ATH1878 N 40' Outside Braced Hopper/Load, CR #50736 ATH1879 N 40' Outside Braced Hopper/Load, CR (4) #1 ATH1884 N 40' Outside Braced Hopper/Load, CR (4) #2

#### PROTOTYPE AND BACKGROUND INFO:

Ballast hoppers are non-revenue freight cars that are owned by the parent railroad or leased from a construction company. These cars originate from a ballast guarry and shuttled via manifest freight or unit maintenance of way (MOW) trains to the right of way construction site. These cars can be seen together in long sets depending how extensive the project may be.

## \$26.98 Individual SRP \$104.98 4-Pack SRP



\* Union Pacific Licensed Product









## N 50' Plug Door Box Car

ETA: July 2020

### Frisco



ATH1419 ATH1420 ATH1421 N 50' Smooth High Cube Plug Door Box, SLSF #700217 N 50' Smooth High Cube Plug Door Box, SLSF #700258 N 50' Smooth High Cube Plug Door Box, SLSF #700291

## **Burlington Northern Santa Fe**





ATH1413 ATH1414 ATH1415 N 50' Smooth HC Plug Door Box, BNSF Round #712702 N 50' Smooth HC Plug Door Box, BNSF Round #712779 N 50' Smooth HC Plug Door Box, BNSF Round #712785

## Santa Fe



ATH1464

ATH1465



N 50' Smooth High Cube Plug Door Box, ATSF #151603 N 50' Smooth High Cube Plug Door Box, ATSF #151622 N 50' Smooth High Cube Plug Door Box, ATSF #151654

## Golden West



N 50' Smooth High Cube Plug Door Box, VCY #179086 ATH1470 N 50' Smooth High Cube Plug Door Box, VCY #179111 ATH1471

#### PROTOTYPE AND BACKGROUND INFO:

Railroad boxcars are perhaps not only the best-recognized pieces of equipment ever put into service but also one of the most identifiable symbols of the industry itself. During the early years of the industry, freight was hauled on simple flatcars or early gondolas. In Upstate New York was the burgeoning Mohawk & Hudson Railroad, the first chartered system in the United States which later became part of the New York Central, came up with the novel idea of covering its gondolas in 1833 since the railroad dealt with snow throughout much of the winter.

The Roundhouse 50' High Cube, Plug Door boxcar is based on a common type of boxcar that began appearing in large numbers in the late 1970s Such cars required greater overhead clearance to operate safely, but boasted greater cubic capacity that comaprable standard-height cars. These cars commonly haul canned goods, finished rolls of paper, appliances, furniture, and lumber.

## **Burlington Northern**



ATH1416 ATH1417 ATH1418

ATH1422

ATH1423

ATH1462

N 50' Smooth High Cube Plug Door Box, BN Late #732728 N 50' Smooth High Cube Plug Door Box, BN Late #732738 N 50' Smooth High Cube Plug Door Box, BN Late #732744

## Iowa Northern Railway



N 50' Smooth High Cube Plug Door Box, IANR #1021 N 50' Smooth High Cube Plug Door Box, IANR #1033 N 50' Smooth High Cube Plug Door Box, IANR #1040

## **Cotton Belt\***



ATH1466 ATH1467 ATH1468

#### N 50' Smooth High Cube Plug Door Box, SSW #24268 N 50' Smooth High Cube Plug Door Box, SSW #24316

## All Road Names

#### **MODEL FEATURES:**

- Former MDC tooling
- Brand new paint schemes
- · Fully-assembled and ready to run
- Highly-detailed, injection-molded body
- · Painted and printed for realistic decoration
- · Machined metal wheels
- · Weighted for trouble free operation
- Body-mounted McHenry operating scale knuckle couplers
- Clear plastic jewel box for convenient storage
- Operates on Code 55 and 80 rail
- Minimum radius: 9 <sup>3</sup>/<sub>4</sub>"

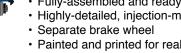
#### PRIMED FOR GRIME MODELS FEATURE:

- Duplicated look and feel of "In Service" equipment; "Tattered and Torn" just like the real thing
- · Faded base colors matched to the prototype · Patches applied and shaped per road
- number matching each corresponding side to the prototype
- · Perfect starting point for adding grime and rust



#Ready2Rust











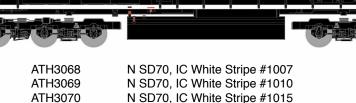
## N EMD SD70

1007

**Illinois** Central

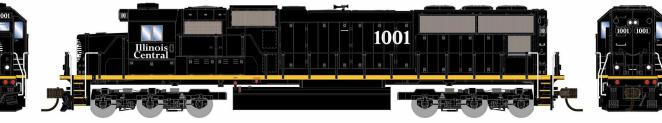
ETA: July 2020

Era: 1990s+









Era: 2000s+

ATH3088 ATH3089 ATH3090

N SD70, IC Yellow Stripe #1001 N SD70, IC Yellow Stripe #1009 N SD70, IC Yellow Stripe #1028

> .cn w

## **Canadian National**





Era: 2000s+

ATH3000 ATH3040 ATH3046 ATH3058

1039

ic

ATH3099

N SD70, CN #1039 N SD70, CN #1004 N SD70, CN #1009 N SD70, CN #1037







ATH3065 ATH3066 ATH3067

N SD70, CR #2565 N SD70, CR #2570 N SD70, CR #2577

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## N EMD SD70

## Norfolk Southern

ETA: July 2020





Era: Late 1990s+

 ATH3079
 N SD70, NS Horse Head #2534

 ATH3080
 N SD70, NS Horse Head #2540

 ATH3081
 N SD70, NS Horse Head #2543

 ATH3082
 N SD70, NS Horse Head #2552

## **Electro-Motive Diesel**



Era: 2005+

ATH3094

N SD70, GMTX EMD Demo #9000



Era: 2005+

ATH3083 N

N SD70, GMTX EMD Demo #9041







## N EMD SD70

ETA: July 2020

## **National Railway Equipment**





Era: 1990s+

 ATH3095
 N SD70, NREX #5462

 ATH3096
 N SD70, NREX #5465

 ATH3097
 N SD70, NREX #5470

 ATH3098
 N SD70, NREX #5477

## Southern Pacific Santa Fe



Era: 1990s+

ATH3084 ATH3085 ATH3086 ATH3087 N SD70, SPSF #7912 N SD70, SPSF #7918 N SD70, SPSF #7927 N SD70, SPSF #7943

## All Road Names

#### PROTOTYPE AND BACKGROUND INFO:

Continuing upon the successful SD60-series, in 1992 EMD debuted the next step in locomotive evolution with the SD70. While outwardly similar at first glance to the SD60, the D.C.-drive SD70 featured several external design refinements from the predecessor model. Battery boxes were relocated to the left-hand side walkway immediately behind the cab. A large, boxy forward traction motor blower housing replaced the angular version used on SD60s, the raised walkway duct on the left hand walkway was eliminated, and an intake for the rear traction motor blower on the left hand side of the carbody, directly under the rear radiator intake grill, was added.

Internally, the SD70 boasted improvements as well; a 16-710GB prime mover, rated at 4,000hp, was coupled to a new alternator design, the AR20. New D70TR traction motors were standard, and controlling all of this power and locomotive function was EMD's new EM2000 microprocessor, which boasted more memory, twice the processing speed, and improved locomotive self-diagnostic capabilities compared to the processor suite used in the SD60. Even more revolutionary was the inclusion of EMD's patented "Radial" truck design, the HTC-R. This design, which made its debut under EMD Demo SD60 #3, replaced the venerable HT-C truck, and is unique in its ability to shift, or "steer", the wheelsets laterally through curves, resulting in greatly reduced wheelset and track wear, and coupled with the new D70TR traction motors and EM2000 microprocessor, greatly improved adhesion.

#### LOCOMOTIVE FEATURES:

- See-through cab windows
- · Factory installed Celcon handrails
- 5-pole motor with precision-machined flywheels and multi-link drive train for trouble free operation
- DCC Ready (Board replacement decoder required; available separately.)
- · Illuminated front and rear headlights
- Nickel plated, blackened machined wheels
- · Wheel contours operate on all popular brand of track
- Replacement parts available

Continuing with previous practice, EMD built a set of Demonstrator SD70Ms, EMD 7000-7002, all equipped with the North American safetycab (hence the "M" in their model designation), and decked out in an attractive gray, silver, and burgundy paint scheme. These units travelled all over North America, showing off the latest technology from EMD. Eastern giant Norfolk Southern liked what it saw, and was the first to order SD70s, but with a twist; instead of having them equipped with the increasingly popular (and soon to be standard) "M" cab, they opted for standard, or "Spartan" cabs on their initial orders. The first production SD70s, NS 2501-2506, built in 1993, were quickly followed by additional units; NS 2507-2531, also built in 1993, and NS 2532-2556, built in 1994. They could be found in a variety of assignments over the NS system, and even saw run-through service on connecting roads, such as Southern Pacific, making appearances on the West Coast.



## HO 3-Dome Tank Car

Announced 7.26.19 Orders Due: 8.30.19

#### ETA: July 2020

## **Deep Rock**



**ROUNDHOUSE**<sup>®</sup>

HO 3-Dome Tank, DRX Deep Rock #6590

**RND1712** RND1713 HO 3-Dome Tank, DRX Deep Rock #6597 **RND1714** HO 3-Dome Tank, DRX Deep Rock #6599

## Sun Oil



RND1719

RND1720





HO 3-Dome Tank, SUNX Sun Oil #2220 HO 3-Dome Tank, SUNX Sun Oil #2232 HO 3-Dome Tank, SUNX Sun Oil #2241

### Cook Paint & Varnish



HO 3-Dome Tank, CPVX Cook Paint #100 HO 3-Dome Tank. CPVX Cook Paint #105

**RND1725** HO 3-Dome Tank, CPVX Cook Paint #109 RND1726

RND1721 RND1722 RND1723

RND1715

RND1716

RND1717

Primed for Grime HO 3-Dome Tank, UTLX #4294 HO 3-Dome Tank, UTLX #4310 HO 3-Dome Tank, UTLX #4329

## **General American Tank Car**

**Shell Chemical** 

CHEM! AL

Union Tank Car

HO 3-Dome Tank, SCMX Shell #652

HO 3-Dome Tank, SCMX Shell #655

HO 3-Dome Tank, SCMX Shell #658

COMPANY



RND1728 HO 3-Dome Tank, GATX #668 RND1729 HO 3-Dome Tank, GATX #722

## All Road Names

#### PROTOTYPE AND BACKGROUND INFO:

Tank cars are specialized pieces of equipment. As an example, the interior of the car may be lined with a material, such as glass, or other specialized coatings to isolate the tank contents from the tank shell. Care is taken to ensure that tank contents are compatible with tank construction.

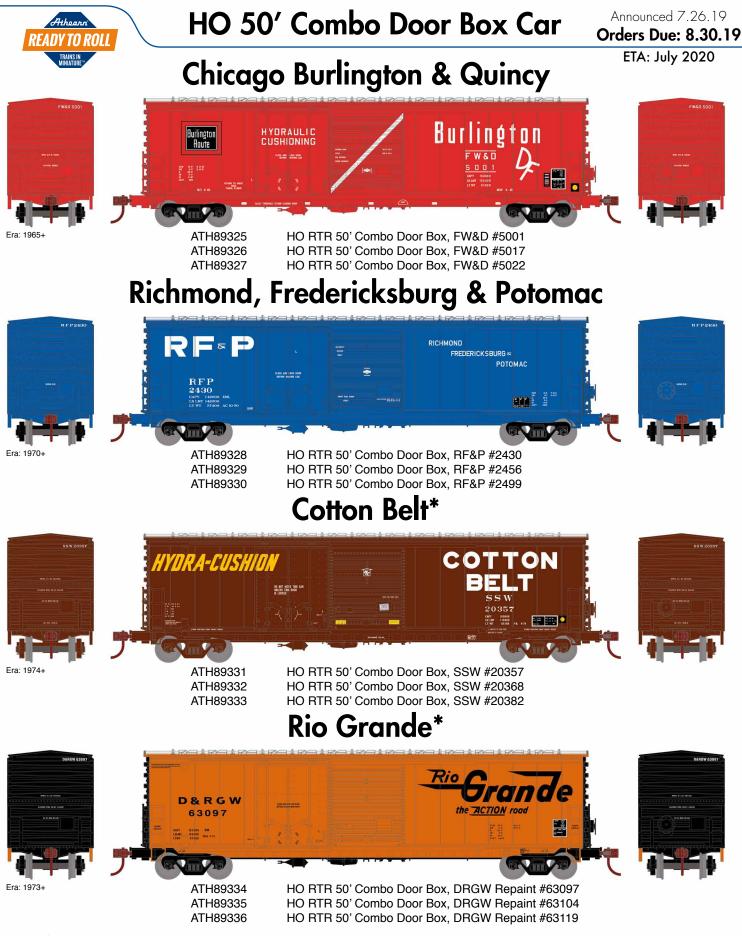
Within the rail industry, tank cars are grouped by their type and not by the cargo carried. Tank cars carrying chemicals or other dangerous goods are generally made of different types of steel, depending on the intended cargo and operating pressure. The tank heads are also stronger to prevent ruptures during accidents.

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#### **MODEL FEATURES:**

- · New road numbers
- · Decorated models fully-assembled and ready to run out of the box
- · Highly-detailed, injection-molded body
- · Separately applied brake wheel
- · Machined metal wheels
- · Weighted for trouble free operation
- · Wheels with RP25 contours operate on all popular brands of track
- · Body mounted McHenry operating scale knuckle couplers
- · Window packaging for easy viewing plus interior plastic blister safely holds the model for convenient storage
- · Replacement parts available
- · Minimum radius: 15"









Era: 1983-

ATH89340 HO F ATH89341 HO F ATH89342 HO F

HO RTR 50' Combo Door Box, CP Rail #200009 HO RTR 50' Combo Door Box, CP Rail #200065 HO RTR 50' Combo Door Box, CP Rail #200111

## All Road Names

#### **PROTOTYPE AND BACKGROUND INFO:**

These 50'-6" box cars were built in the 1960s and featured a combination of 8'-0" Youngstown sliding and plug doors. Combination door boxcars had the advantage of being both a standard box car with sliding door, plus having a larger opening for larger loads. The plug doors provided internal flush side walls along their location next to the sliding door. Having these flush side walls increased usable cubic feet capacity in the box car. Many of these box cars came with Hydra-Cushion or Keystone type cushioned underframes, and optional "damage free (DF)" load dividers.

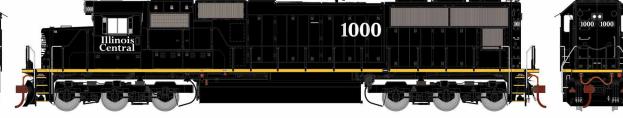
#### MODEL FEATURES:

- Fully-assembled and ready to run out of the box
- · Highly-detailed, injection-molded body
- · Separately applied side, end ladders and brake wheel
- Painted and printed for realistic decoration
- · Weighted for trouble free operation
- 33" machined metal wheels with RP25 contours operate on all popular brands of track
- · Body mounted McHenry operating scale knuckle couplers
- Window packaging for easy viewing plus interior plastic blister safely holds the model for convenient storage
- Replacement parts available
- Minimum radius: 18"









#### Era: 2005+ Without Sound ATHG70506 ATHG70507

ATHG70508

HO SD70, IC Yellow Stripe #1000 HO SD70, IC Yellow Stripe #1002 HO SD70, IC Yellow Stripe #1009

#### With Sound

ATHG70606 ATHG70607 ATHG70608 HO SD70 w/DCC & Sound, IC Yellow Stripe #1000 HO SD70 w/DCC & Sound, IC Yellow Stripe #1002 HO SD70 w/DCC & Sound, IC Yellow Stripe #1009

- IC YELLOW FRAME STRIPE FEATURES: 
   Air conditioner
- As modified with FRA reflective yellow frame stripe: 2005+
- · 3 or 5 chime horn per prototype
- Sinclair and/or Firecracker antennas per prototype
- Spare knuckle brackets

 Customer-installed electronic fuel gauge included in poly bag (placement varies; consult prototype photos).



**Canadian National** 



#### **CN EX IC FEATURES:**

- Former IC with sublettering
- Same major features as IC yellow frame stripe described above

1016

- Spare knuckle basket on walkway
- No rear ditch lights
- Large front plow
- Early fuel tank
- P5 horn

#### Without Sound ATHG70513

ATHG70514

HO SD70, CN #1016 HO SD70, CN #1031

With Sound ATHG70613

HO SD70 w/DCC & Sound, CN #1016 ATHG70614 HO SD70 w/DCC & Sound, CN #1031

- 1031: No spare knuckle basket on walkway
- · Equipped with rear ditch lights
- · Small front plow, late fuel tank
- · P5 horn on stand

#### w/o Sound \$229.98srp With Isunami 2 Sound \$319.98 SRP These items are subject to Horizon's MAP policy





## **HO SD70 Diesel Locomotive**

Announced 7.26.19 Orders Due: 8.30.19

ETA: July 2020





Era: 1990s+

#### Without Sound

ATHG70500 HO SD70, CR #2561 HO SD70, CR #2562 ATHG70501 HO SD70, CR #2573 ATHG70502 HO SD70, CR #2576 ATHG70503

#### With Sound

ATHG70600	HO SD70 w/DCC & Sound, CR #2561
ATHG70601	HO SD70 w/DCC & Sound, CR #2562
ATHG70602	HO SD70 w/DCC & Sound, CR #2573
ATHG70603	HO SD70 w/DCC & Sound, CR #2576

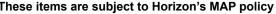
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#### **CR FEATURES:**

CONRAIL QUALITY

- Nathan K5LAR24 horn
- · CR-specific antennas and conduits on cab and long hood
- Air Conditioner
- · Small front plow
- · "Dual" fuel sight glasses
- Late fuel tank
- · Spare kuckle brackets on rear pilot
- · Spare knuckle basket on walkway
- · Cab vent

## w/o Sound \$229.98<sub>SRP</sub> With **Isunam** Sound \$319.98<sub>SRP</sub> These items are subject to Horizon's MAP policy







## **HO SD70 Diesel Locomotive**

**Norfolk Southern** 

Announced 7.26.19 Orders Due: 8.30.19

ETA: July 2020





Without Sound ATHG70504 ATHG70505

With Sound ATHG70604 **NS EX CR FEATURES:** 

- · Same details as Conrail units above
- · Aquired by NS after 1998-1999 split of Conrail. Lasted several years before recieving full NS paint

ATHG70605



Era: 1999+





#### Without Sound

ATHG70509 ATHG70510 ATHG70511 ATHG70512 HO SD70, NS Horse Head #2536 HO SD70, NS Horse Head #2548 HO SD70, NS Horse Head #2542 HO SD70, NS Horse Head #2547

HO SD70, NS Ex CR Patch #2564

HO SD70, NS Ex CR Patch #2580

HO SD70 w/DCC & Sound, NS ex CR Patch #2564

HO SD70 w/DCC & Sound, NS ex CR Patch #2580

#### With Sound

ATHG70609 ATHG70610 ATHG70611 ATHG70612

HO SD70 w/DCC & Sound, NS Horse Head #2536 HO SD70 w/DCC & Sound, NS Horse Head #2548 HO SD70 w/DCC & Sound, NS Horse Head #2542 HO SD70 w/DCC & Sound, NS Horse Head #2547

#### **NS FEATURES:**

- · First time in NS "Horsehead" scheme
- · Units repainted by NS at various locations and times; each road number features unique decoration
- Nathan K5LAR24 horn
- NS-retrofitted toilet hatch & drain
- · Customer-installed spare knuckle brackets included
- · Large front plow
- · Air Conditioner



Fra: 2008+

## w/o Sound \$229.98srp With Isunami Sound \$319.98srp These items are subject to Horizon's MAP policy





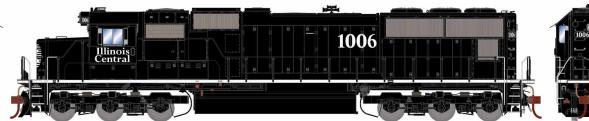
## **HO SD70 Diesel Locomotive**

Illinois Central (continued)

Announced 7.26.19 Orders Due: 8.30.19

ETA: July 2020





#### Era: 1995+

#### Without Sound

HO SD70, IC White Stripe #1006 ATHG70529 HO SD70, IC White Stripe #1007 ATHG70530 ATHG70531 HO SD70, IC White Stripe #1010 ATHG70532 HO SD70, IC White Stripe #1015

#### With Sound

ATHG70629	HO SD70 w/DCC & Sound, IC #1006
ATHG70630	HO SD70 w/DCC & Sound, IC #1007
ATHG70631	HO SD70 w/DCC & Sound, IC #1010
ATHG70632	HO SD70 w/DCC & Sound, IC #1015

#### SOUND EQUPPED MODELS ALSO FEATURE

- · Onboard DCC decoder with SoundTraxx Tsunami2 sound
- · Sound units operate in both DC and DCC
- · Engine, horn, and bell sounds work in DC
- All functions NMRA compatible in DCC mode
- Precision slow speed control
- · Program a multiple unit (MU) lashup with lead unit only horn, bell, and lights
- Many functions can be altered via Configuration Value (CV) changes
- CV chart included in the box

#### **PROTOTYPE SPECIFIC INFORMATION**

Continuing upon the successful SD60-series, in 1992 EMD debuted the next step in locomotive evolution with the SD70. While outwardly similar at first glance to the SD60, the D.C.-drive SD70 featured several external design refinements from the predecessor model. Battery boxes were relocated to the left-hand side walkway immediately behind the cab, a large, boxy forward traction motor blower housing replaced the angular version used on SD60s, the raised walkway duct on the left hand walkway was eliminated, and an intake for the rear traction motor blower on the left hand side of the carbody, directly under the rear radiator intake grill, was added.

Internally, the SD70 boasted improvements as well; a 16-710GB prime mover, rated at 4,000hp, was coupled to a new alternator design, the AR20. New D70TR traction motors were standard, and controlling all of this power and locomotive function was EMD's new EM2000 microprocessor, which boasted more memory, twice the processing speed, and improved locomotive self-diagnostic capabilities compared to the processor suite used in the SD60. Even more revolutionary was the inclusion of EMD's patented "Radial" truck design, the HTC-R. This design, which made its debut under EMD Demo SD60 #3, replaced the venerable HT-C truck, and is unique in its ability to shift, or "steer", the wheelsets laterally through curves, resulting in greatly reduced wheelset and track wear, and coupled with the new D70TR traction motors and EM2000 microprocessor, greatly improved adhesion.

#### **IC FEATURES:**

- As-delivered IC scheme in 1995.
- P5 horn
- · Spare knuckle brackets on rear pilot
- · Spare knuckle basket on walkway
- Sinclair and can-type antennas
- Cab Vent

## All Railroads

#### LOCOMOTIVE FEATURES:

- · Fully-assembled and ready-to-run
- DCC-ready features Quick Plug<sup>™</sup> plug-and-play technology with 21-pin NEM connector
- Scaled from prototype resources including drawings, field measurements, photographs, and more
- Accurately-painted and -printed paint schemes
- Coupler cut levers ٠
- MU hoses
- Trainline hose
- See through cab windows
- Full cab interior
- Walkway tread
- Fine-scale Celcon handrails for scale appearance
- Windshield wipers
- Lift rings
- · Wire grab irons
- Detailed fuel tank with fuel fillers, fuel gauges, & breather pipes
- Sander lines
- McHenry scale knuckle couplers Kadee compatible
- Genesis driveline with 5-pole skew wound motor, precision machined flywheels, and multi-link drivetrain
- · All-wheel drive with precision gears for smooth & quiet operation
- · All-wheel electrical pickup provides reliable current flow
- · Wheels with RP25 contours operate on all popular brands of track
- · LED Lighting for realistic appearance
- · Heavy die-cast frame for greater traction and more pulling power



· Packaging securely holds for the model for safe storage

## w/o Sound \$229.98srp With Isunami Sound \$319.98srp These items are subject to Horizon's MAP policy

\* Union Pacific Licensed Product



## HO 50' Plug Door Box Car

ETA: July 2020

### Frisco



**BND1677 BND1678** RND1679

HO 50' Smooth High Cube Plug Door Box, SLSF #700217 HO 50' Smooth High Cube Plug Door Box, SLSF #700258 HO 50' Smooth High Cube Plug Door Box, SLSF #700291

## **Burlington Northern Santa Fe**





RND1657 RND1658 RND1659 HO 50' Smooth HC Plug Door Box, BNSF Round #712702 HO 50' Smooth HC Plug Door Box, BNSF Round #712779 HO 50' Smooth HC Plug Door Box, BNSF Round #712785

## Santa Fe



**RND1684** 

RND1685



HO 50' Smooth High Cube Plug Door Box, ATSF #151603 HO 50' Smooth High Cube Plug Door Box, ATSF #151622 HO 50' Smooth High Cube Plug Door Box, ATSF #151654

# Golden West

HO 50' Smooth High Cube Plug Door Box, VCY #179031 **BND1689 RND1690** HO 50' Smooth High Cube Plug Door Box, VCY #179086 RND1691 HO 50' Smooth High Cube Plug Door Box, VCY #179111

#### PROTOTYPE AND BACKGROUND INFO:

Railroad boxcars are perhaps not only the best-recognized pieces of equipment ever put into service but also one of the most identifiable symbols of the industry itself. During the early years of the industry, freight was hauled on simple flatcars or early gondolas. In Upstate New York was the burgeoning Mohawk & Hudson Railroad, the first chartered system in the United States which later became part of the New York Central, came up with the novel idea of covering its gondolas in 1833 since the railroad dealt with snow throughout much of the winter.

The Roundhouse 50' High Cube, Plug Door boxcar is based on a common type of boxcar that began appearing in large numbers in the late 1970s Such cars required greater overhead clearance to operate safely, but boasted greater cubic capacity that comaprable standard-height cars. These cars commonly haul canned goods, finished rolls of paper, appliances, furniture, and lumber.

## **Burlington Northern**



HO 50' Smooth High Cube Plug Door Box, BN Late #732728 RND1674 HO 50' Smooth High Cube Plug Door Box, BN Late #732738 RND1675 HO 50' Smooth High Cube Plug Door Box, BN Late #732744

## Iowa Northern Railway



RND1680 HO 50' Smooth High Cube Plug Door Box, IANR #1021 RND1681 HO 50' Smooth High Cube Plug Door Box, IANR #1033 RND1682 HO 50' Smooth High Cube Plug Door Box, IANR #1040

## Cotton Belt\*



RND1686 **RND1687** RND1688

HO 50' Smooth High Cube Plug Door Box, SSW #24268 HO 50' Smooth High Cube Plug Door Box, SSW #24316

## All Road Names

#### **MODEL FEATURES:**

- Former MDC tooling
- Brand new paint schemes
- · Fully-assembled and ready to run
- Highly-detailed, injection-molded body
- · Separate brake wheel
- · Painted and printed for realistic decoration
- · Machined metal wheels
- · Weighted for trouble free operation
- · Wheels with RP25 contours operate on all popular brands of track
- · Body mounted McHenry operating scale knuckle couplers
- Window packaging for easy viewing
- · Interior plastic blister safely holds model for convenient storage
- · Minimum radius: 18"

#### PRIMED FOR GRIME MODELS FEATURE:

- Duplicated look and feel of "In Service" equipment; "Tattered and Torn" just like the real thing
- · Faded base colors matched to the prototype
- · Patches applied and shaped per road number matching each corresponding side to the prototype
- · Perfect starting point for adding grime and rust

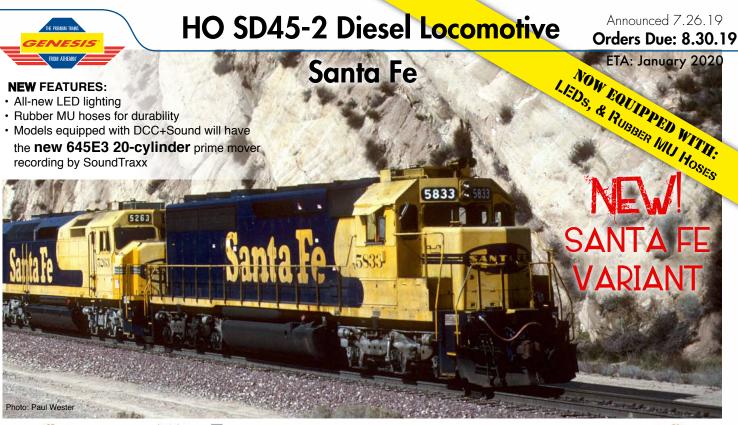














#### Without Sound

ATHG86127 HO SD ATHG86128 HO SD ATHG86129 HO SD ATHG86130 HO SD

HO SD45-2, SF Freight #5833 HO SD45-2, SF Freight #5838 HO SD45-2, SF Freight #5840 HO SD45-2, SF Freight #5851

#### **ATSF SD45-2U FEATURES:**

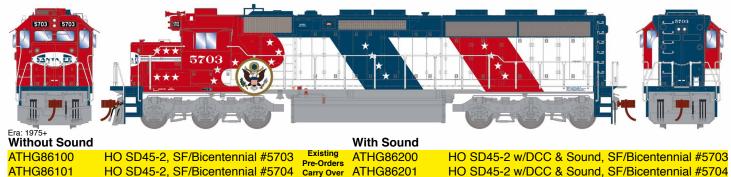
- · First time offered rebuilt 5800 class
- · Illuminated Stratolite beacon on stand, effect with DCC+Sound
- · Leslie S3LR air horn on tall bracket
- · EMD small style snow plow
- Sinclair antenna on antenna plane
- "Chickenwire" radiator grilles
- ATSF style spare knuckles on trucks (engineer's side)

#### With Sound

ATHG86227 ATHG86228 ATHG86229 ATHG86230 HO SD45-2 w/DCC & Sound, SF Freight #5833 HO SD45-2 w/DCC & Sound, SF Freight #5838 HO SD45-2 w/DCC & Sound, SF Freight #5840 HO SD45-2 w/DCC & Sound, SF Freight #5851

#### ATSF BICENTENNIAL FEATURES:

- Plaques on handrails
- · Illuminated cab mounted dual clear strobes, effect DCC+Sound
- Large anticlimber per prototype
- Air conditioner
- · Can-type radio antenna on ground plane
- · Leslie S3LR air horn on tall bracket
- · Stratolite beacon bracket without hole



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#### HO SD45-2 Diesel Locomotive Announced 7.26.19 Orders Due: 8.30.19 ETA: January 2020 Conrail





Without Sound ATHG86124 ATHG86125 ATHG86126

With Sound ATHG86224 ATHG86225 ATHG86226

HO SD45-2, CR Blue Early #6657 HO SD45-2, CR Blue Early #6663 HO SD45-2, CR Blue Early #6665

HO SD45-2 w/DCC & Sound, CR Blue Early #6657 HO SD45-2 w/DCC & Sound, CR Blue Early #6663 HO SD45-2 w/DCC & Sound, CR Blue Early #6665

#### **CR FEATURES:**

- Brand new road numbers 6657 & 6663
- · Cab signal box engineer side
- Cab armrests
- · Mirrors/Windwings per prototype
- Low profile Fans, dustbin, exhaust,
- dvnamic brake vent
- Low profile bracket mounted S3LR ٠
- 5000 gallon fuel tank
- Hood side vents per prototype



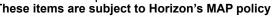
Without Sound		CR ex EL FEATURES:
ATHG86111	HO SD45-2, CR ex EL #6661	Former Erie Lackawanna with Conrail road numbers & reporting marks
ATHG86112	HO SD45-2, CR ex EL #6662 Existing Pre-Orders Carry Over	Cab signal box engineer side
ATHG86113	HO SD45-2, CR ex EL #6666	Cab armrests/Mirrors/Windwings per prototype
With Sound		<ul> <li>Low profile Fans, dustbin, exhaust, dynamic brake vent</li> <li>Low profile bracket mounted S3LR</li> </ul>
ATHG86211	HO SD45-2 w/DCC & Sound, CR ex EL #6661	5000 gallon fuel tank
ATHG86212	HO SD45-2 w/DCC & Sound, CR ex EL #6662	Hood side vents per prototype

HO SD45-2 w/DCC & Sound, CR ex EL #6666 ATHG86213

· Faded paint colors

· Different placement and style of CR logos per prototype road number

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## HO SD45-2 Diesel Locomotive

Announced 7.26.19 Orders Due: 8.30.19

ETA: January 2020

## All Road Names

#### SOUND EQUIPPED MODELS ALSO FEATURE:

- Onboard DCC decoder with SoundTraxx Tsunami2
- Sound units operate in both DC and DCC
- Some functions are limited in DC
- $\ensuremath{\,\cdot\,}$  Engine, horn, and bell sounds work in DC
- All functions NMRA compatible in DCC mode
- Slow speed control
- Program a multiple unit (MU) lashup with lead unit only horn, bell, and lights
- Many functions can be altered via Configuration Value (CV) changes
- CV chart included in operators manual
- · For a complete list of features, visit athearn.com

#### PRIMED FOR GRIME MODELS FEATURE:

• Duplicated look and feel of "In Service" equipment; "Tattered and Torn" just like the real thing



- · Faded base colors matched to the prototype
- Patches applied and shaped per road
- number matching each corresponding side to the prototype • Perfect starting point for adding grime and rust

#### PROTOTYPE INFO:

The SD45-2 was an initial success; it was a complete improvement or upgrade as part of EMD's "Dash 2" line; it had little to almost absolutely no flaws during the early stages of production and during the model's official introduction. It was both popular and compatible with the original SD45 as well, with it's large 20-cylinder engine. The SD45-2 lasted somewhat longer than most SD45 units on various owners roster's.

#### LOCOMOTIVE FEATURES:

- · Safety tread on walkways
- Fine-scale handrails for scale appearance
- · Factory applied wire grab irons
- Windshield wipers
- See through cab windows
- Detailed and painted cab interior
- Sliding side cab windows
- Metal lift rings
- · Fully-assembled and ready-to-run
- DCC-ready features Quick Plug<sup>™</sup> plug-and-play technology with a 21-pin NEM connector
- Scaled from prototype resources including drawings, photographs, and more
- · Accurately painted and printed paint schemes
- Body mounted McHenry operating scale knuckle couplers
- Genesis driveline with 5-pole skew wound motor, precision machined flywheels, and multi-link drivetrain for trouble free operation
- All-wheel drive with precision gears for smooth and quiet operation
- All-wheel electrical pickup provides reliable current flow
- Wheels with RP25 contours operate on all popular brands of track
- New LEDs for trouble free operation
- Bi-directional constant lighting so headlight brightness remains constant
- · Heavy die-cast frame for greater traction and more pulling power
- · Packaging securely holds for the model for safe storage
- Minimum radius: 18"
- Recommended radius: 22"



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