



# HO EMD SD70ACe Diesel Union Pacific\*

Announced 12.07.18  
Orders Due: 1.25.19  
ETA: December 2019

Photo: Union Pacific Railroad



**NOW EQUIPPED WITH:  
LEDs, & RUBBER MU HOSES**

Era: 2018+

### Without Sound

ATHG41410 HO SD70ACe, UP George HW Bush #4141

### With Sound

ATHG04141 HO SD70ACe w/DCC & Sound, UP George HW Bush #4141

### UP #4141 GEORGE H. W. BUSH FEATURES:

- Commemorative box
- Removable cab roof secured with magnets
- High-mount headlight and ditchlights, now LED
- December 2018 version with black radiator fan housings



**w/o Sound \$249.98<sub>SRP</sub> With Tsunami<sup>2</sup> Sound \$339.98<sub>SRP</sub>**

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\* Union Pacific Licensed Product



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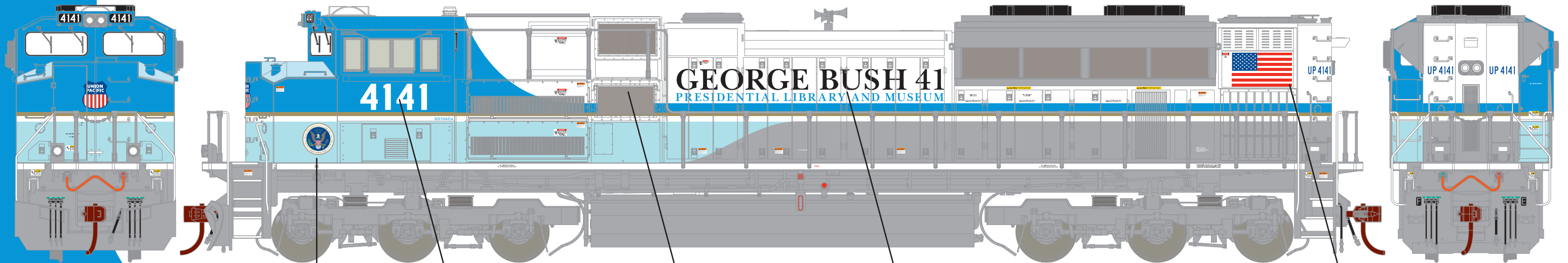
# LOCOMOTIVE NO. 4141 GEORGE BUSH

Air Force One Inspired Scheme  
Blue Swoosh Graphics with  
Horizontal Striping

Dedication and Lower Horizontal  
Light Blue to Silver  
Transitioning Graphics

Silver Flared Radiator Section  
with Black Fan Housings  
per 2018 Configuration

Dynamic Brake Silver



Presidential Seal

Road Number Tribute to  
41st President

Updated Inverter Cabinet  
per 2018 Configuration

Dedication to  
George H. W. Bush

American Flag

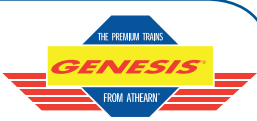


On October 2005, Union Pacific paid tribute to President George Herbert Walker Bush with a custom-painted locomotive. Incorporating colors and elements of the Air Force One used during Mr. Bush's presidency, the new Union Pacific locomotive bears the number 4141, in honor of the 41<sup>st</sup> president. The special locomotive, which replicates the Raymond Loewy-designed Air Force One markings as a striking symbol of national pride and strength, was revealed to the former president during a ceremony near the George Bush Presidential Library and Museum on the Texas A&M University campus in College Station, Texas.



Photo: Union Pacific Railroad





# HO EMD SD70ACe Diesel

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ETA: December 2019

## All Features

**NOW EQUIPPED WITH:  
LEDs, & RUBBER MU HOSES**



### SOUND EQUIPPED MODELS ALSO FEATURE

- Onboard DCC decoder with SoundTraxx Tsunami2 sound
- Sound units operate in both DC and DCC
- Full DCC functions available when operated in DCC mode
- 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 the box

### PROTOTYPE SPECIFIC INFORMATION

In order to meet stricter diesel locomotive emissions standards imposed by EPA Tier II regulations, EMD modified the SD-70MAC to create the SD70ACe and SD70M-2. Each model is powered by a 16-cylinder, 4300-horsepower diesel engine. On the SD70M-2, the prime mover drives an alternator and produces AC current that is rectified to DC current, which powers the traction motors. On the SD70ACe, the DC current is then "chopped" back into AC to power the traction motors.

On December 6, 2018 UP 4141 led the funeral train carrying the late President George H. W. Bush from Spring, TX to Texas A&M University for his burial at his Presidential Library and Museum.

Photo: Union Pacific Railroad



### SD70ACe AND SD70M-2 SPECIFIC FEATURES

- New for the SD70ACe, **LED lighting**
- Correctly-sized illuminated ditch lights
- Snowplow
- Front and rear trainline air hose with silver tips
- Rubber multiple unit (MU) hoses with silver tips
- Coupler cut bars
- Train line air hoses
- Flat or tapered front and rear anticlimbers
- Safety tread on the walkways
- Cab mounted headlight
- Standard or isolated cab
- Windshield wipers
- Mirrors
- Detailed and painted cab interior with control stand, display screens, detailed crew seats and optional grade crossing camera
- Airchime K5LLA horn with square or "tube" style mounting bracket
- Large antenna dome
- Small GPS antenna dome
- Inverter box with original X-panels, X-panels with retrofitted louvers, factory louvers, late EMD large intake or retrofit large intake
- See-through radiator fans
- Etched dynamic brake grille and screen with appropriate grid detail underneath
- Dynamic brake louver variations per prototype
- Chicago Blower brand air blower visible behind the see-through grilles at the rear of the locomotive
- Early or late hand brake housing and wheel
- Early or Late Sander Brackets
- Factory installed wire grab irons
- Jacking pads per prototype
- Plumbing alongside the frame appropriate to the specific railroad and purchase order
- Fuel tanks with single or dual fuel fillers
- HTCR trucks per prototype
- Non-sound QuickPlug™ equipped with 21-pin NEM DCC plug
- McHenry scale knuckle spring couplers
- Minimum radius: 18"
- Recommended radius: 22"



w/o Sound \$249.98<sub>SRP</sub> With **Tsunami2** Sound \$339.98<sub>SRP</sub>

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# HO SD70ACe(SD70AH) Diesel Union Pacific\*

Announced 12.28.18  
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ETA: December 2019

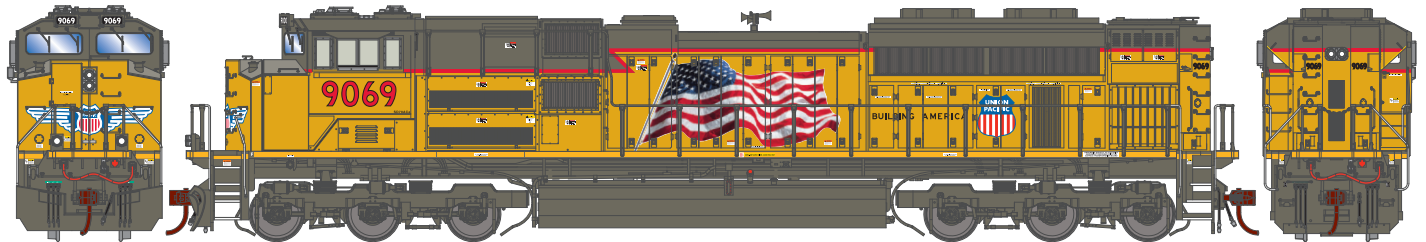
EMD SD70ACe will possess the following features:

- All lighting now feature new LEDs
- Rubber MU hoses for durability



Photo: <https://www.youtube.com/watch?v=ew-MizikHpk>

**EQUIPPED WITH:  
LEDs, & RUBBER MU HOSES**



Era: 2016+

### Without Sound

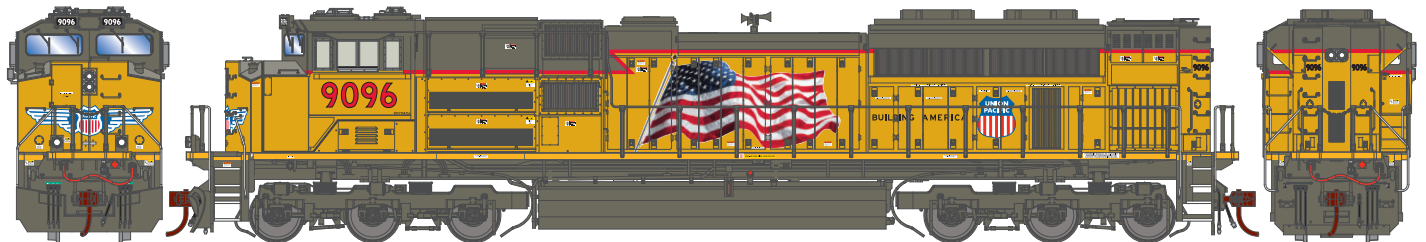
- ATHG89644 HO SD70ACe (SD70AH), UP #9069
- ATHG89645 HO SD70ACe (SD70AH), UP #9096

### With Sound

- ATHG89844 HO SD70ACe (SD70AH) w/DCC & Sound, UP #9069
- ATHG89845 HO SD70ACe (SD70AH) w/DCC & Sound, UP #9096

### UP FEATURES:

- New 9000 series UP designation SD70AH
- Tier 4 credit units built in 2016
- PTC antenna array
- Nose mount headlight
- Illuminated front ditch lights
- Late handrails
- UP 9069 ran with UP 1943 during the George Bush funeral train ceremony
- UP 9096 ran with UP 4141 during the George Bush funeral train ceremony

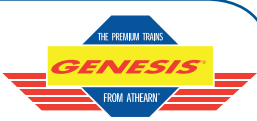


**w/o Sound \$239.98<sub>SRP</sub> With Tsunami<sup>2</sup> Sound \$329.98<sub>SRP</sub>**  
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# HO SD70ACe(SD70AH) Diesel

Announced 12.28.18  
Orders Due: 1.25.19

ETA: December 2019

## All Railroads

### SOUND EQUIPPED MODELS ALSO FEATURE

- Onboard DCC decoder with SoundTraxx Tsunami2 sound
- Sound units operate in both DC and DCC
- Full DCC functions available when operated in DCC mode
- 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 the box

### PROTOTYPE SPECIFIC INFORMATION

In order to meet stricter diesel locomotive emissions standards imposed by EPA Tier II regulations, EMD modified the SD-70MAC to create the SD70ACe and SD70M-2. Each model is powered by a 16-cylinder, 4300-horsepower diesel engine. On the SD70M-2, the prime mover drives an alternator and produces AC current that is rectified to DC current, which powers the traction motors. On the SD70ACe, the DC current is then "chopped" back into AC to power the traction motors.

Much of the external design is based on the SD90 series locomotives. Similar features include the full height nose door and rectangular windshields, the large flared radiators with two fans, and the positioning of the dynamic brake equipment at the rear of the long hood. In addition, the inverters were moved from inside the long hood to a box on the walkway behind the fireman's side of the cab.

### SD70ACe AND SD70M-2 SPECIFIC FEATURES

- New for the SD70ACe and SD70M-2, **LED lighting**
- Correctly-sized illuminated ditch lights
- Snowplow
- Front and rear trainline air hose with silver tips
- Multiple unit (MU) hoses with silver tips
- Coupler cut bars
- Train line air hoses
- Flat or tapered front and rear anticlimbers
- Safety tread on the walkways
- Nose or cab mounted headlight
- Standard or isolated cab
- Windshield wipers
- Tinted side windows
- Mirrors
- Detailed and painted cab interior with control stand, display screens, detailed crew seats and optional grade crossing camera
- Airchime K5LLA horn with square or "tube" style mounting bracket
- GPS Domes or PTC antennas per prototype
- Inverter box with original X-panels, X-panels with retrofitted louvers, factory louvers, late EMD large intake or retrofit large intake
- See-through radiator fans
- Etched dynamic brake grille and screen with appropriate grid detail underneath
- Dynamic brake louver variations per prototype
- Chicago Blower brand air blower visible behind the see-through grilles at the rear of the locomotive
- Early or late hand brake housing and wheel
- Early or Late Sander Brackets
- Factory installed wire grab irons
- Jacking pads per prototype
- Plumbing alongside the frame appropriate to the specific railroad and purchase order
- Fuel tanks with single or dual fuel fillers
- HTCR or HTSC trucks per prototype
- Non-sound QuickPlug™ equipped with NEM 21-pin DCC plug
- McHenry scale knuckle spring couplers
- Minimum radius: 18"
- Recommended radius: 22"

w/o Sound \$239.98<sub>SRP</sub> With **Tsunami2** Sound \$329.98<sub>SRP</sub>

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# HO SD45-2 Diesel Locomotive

## Southern Pacific Santa Fe

Announced 12.28.18  
Orders Due: 1.25.19  
ETA: December 2019

The effort continues to enhance Athearn Genesis models per customer requests and feedback. There has been a lot of activity behind the scenes; we're excited to include new features often requested, to the SD45-2 and upcoming Genesis models.

### NEW FEATURES:

- All-new LED lighting
- Rubber MU hoses for durability
- Models equipped with DCC+Sound will have the **new 645E3 20-cylinder** prime mover recording by SoundTraxx

**NOW EQUIPPED WITH:  
LEDs, & RUBBER MU HOSES**



Era: 1984+

### Without Sound

- ATHG86106 HO SD45-2, SPSF #7219
- ATHG86107 HO SD45-2, SPSF #7221

### With Sound

- ATHG86206 HO SD45-2 w/DCC & Sound, SPSF #7219
- ATHG86207 HO SD45-2 w/DCC & Sound, SPSF #7221

### SPSF FEATURES:

- First time offered full SPSF merger "Kodachrome"
- 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)



w/o Sound \$209.98<sub>SRP</sub> With **Tsunami<sup>2</sup>** Sound \$299.98<sub>SRP</sub>

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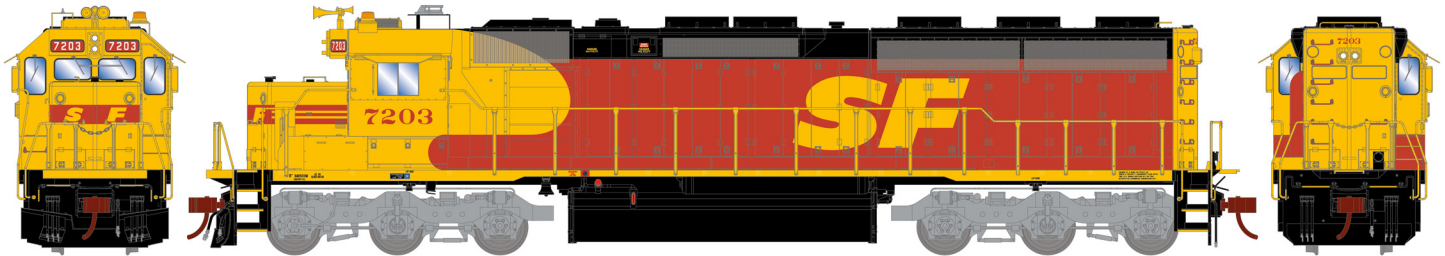


# HO SD45-2 Diesel Locomotive

Announced 12.28.18  
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## Santa Fe



Era: 1984-1986

### Without Sound

ATHG86102	HO SD45-2, SF Kodachrome #7203
ATHG86103	HO SD45-2, SF Kodachrome #7208
ATHG86104	HO SD45-2, SF Kodachrome #7207
ATHG86105	HO SD45-2, SF Kodachrome #7213

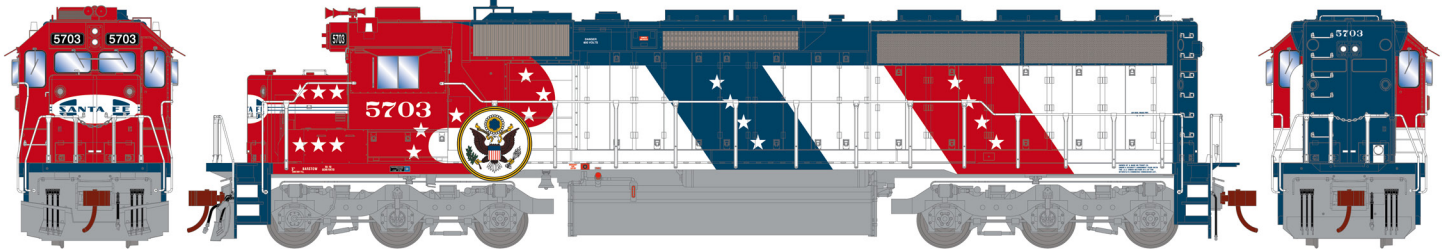
### With Sound

ATHG86202	HO SD45-2 w/DCC & Sound, SF Kodachrome #7203
ATHG86203	HO SD45-2 w/DCC & Sound, SF Kodachrome #7208
ATHG86204	HO SD45-2 w/DCC & Sound, SF Kodachrome #7207
ATHG86205	HO SD45-2 w/DCC & Sound, SF Kodachrome #7213

### ATSF FEATURES:

- Illuminated Stratolite beacon on stand, effect with DCC+Sound
- EMD small style snow plow
- Sinclair antenna on antenna plane
- Leslie S3LR air horn on tall bracket
- Red numberboards
- Large anticlimber
- Air conditioner
- "Chickenwire" radiator grilles
- ATSF style spare knuckles on trucks (engineer's side)
- SPSF assigned 7200 series road numbers pre 1986

- #7203, 7208, 7213: Large Anticlimber
- #7207: No Anticlimber
- No Anticlimber



Era: 1975+

### Without Sound

ATHG86100	HO SD45-2, SF/Bicentennial #5703
ATHG86101	HO SD45-2, SF/Bicentennial #5704

### With Sound

ATHG86200	HO SD45-2 w/DCC & Sound, SF/Bicentennial #5703
ATHG86201	HO SD45-2 w/DCC & Sound, SF/Bicentennial #5704

### 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

## Erie Lackawanna



Era: 1970s+

### Without Sound

ATHG86108	HO SD45-2, EL #3672
ATHG86109	HO SD45-2, EL #3676
ATHG86110	HO SD45-2, EL #3680

### With Sound

ATHG86208	HO SD45-2 w/DCC & Sound, EL #3672
ATHG86209	HO SD45-2 w/DCC & Sound, EL #3676
ATHG86210	HO SD45-2 w/DCC & Sound, EL #3680

### EL FEATURES:

- New road numbers
- Cab armrests
- Mirrors/Windwings per prototype
- Low profile Fans, dustbin, exhaust, dynamic brake vent
- Low profile bracket mounted S3LR
- 5000 gallon fuel tank
- Hood side vents per prototype
- Small EMD snowplow
- Sinclair antenna

w/o Sound \$209.98<sub>SRP</sub> With **Tsunami<sup>2</sup>** Sound \$299.98<sub>SRP</sub>

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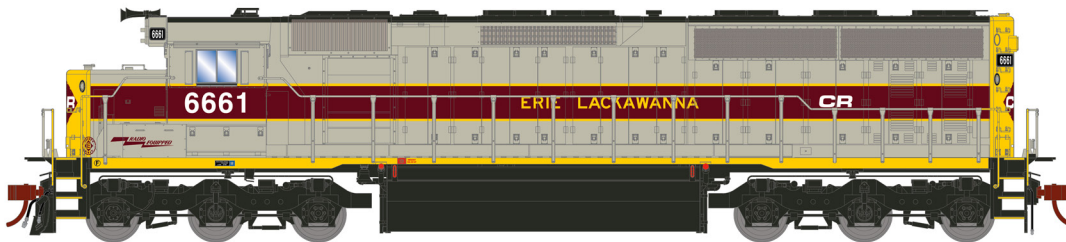
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# HO SD45-2 Diesel Locomotive

## Conrail ex EL

Announced 12.28.18  
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Era: Late 1970s+

*Primed for Grime*

### Without Sound

ATHG86111 HO SD45-2, CR ex EL #6661  
 ATHG86112 HO SD45-2, CR ex EL #6662  
 ATHG86113 HO SD45-2, CR ex EL #6666

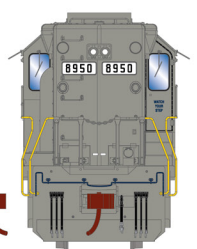
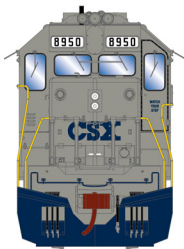
### With Sound

ATHG86211 HO SD45-2 w/DCC & Sound, CR ex EL #6661  
 ATHG86212 HO SD45-2 w/DCC & Sound, CR ex EL #6662  
 ATHG86213 HO SD45-2 w/DCC & Sound, CR ex EL #6666

### CR FEATURES:

- Former Erie Lackawanna with Conrail road numbers & reporting marks
- Cab armrests
- Mirrors/Windwings per prototype
- Low profile Fans, dustbin, exhaust, dynamic brake vent
- Low profile bracket mounted S3LR
- 5000 gallon fuel tank
- Hood side vents per prototype
- Faded paint colors
- Different placement and style of CR logos per prototype road number

## CSX



Era: 1986+

### Without Sound

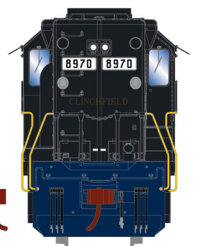
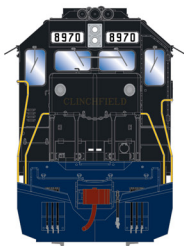
ATHG86119 HO SD45-2, CSX Solid Grey #8950  
 ATHG86120 HO SD45-2, CSX Solid Grey #8951

### With Sound

ATHG86219 HO SD45-2 w/DCC & Sound, CSX Solid Grey #8950  
 ATHG86220 HO SD45-2 w/DCC & Sound, CSX Solid Grey #8951

### CSX FEATURES:

- EMD large style snow plow
- Firecracker antenna
- Leslie RS5L horn air horn
- Nose mounted headlight
- Small anticlimber
- "Chickenwire" radiator grilles



Era: 1985+

*Primed for Grime*

### Without Sound

ATHG86117 HO SD45-2, CSX ex CRR #8970  
 ATHG86118 HO SD45-2, CSX ex CRR #8978

### With Sound

ATHG86217 HO SD45-2 w/DCC & Sound, CSX ex CRR #8970  
 ATHG86218 HO SD45-2 w/DCC & Sound, CSX ex CRR #8978

### CSX ex CRR FEATURES:

- Patched per road number, ex- Clinchfield units
- Cab mounted headlight
- Small anticlimber
- Standard height Intertial hatch, exhaust stack, fan housings
- Whip radio antenna
- Leslie RS5L horn air horn
- Long hood mounted bell

#8970:

- Underframe painted CSX blue
- "Ghosted" Clinchfield lettering on long hood

#8978:

- Intact Clinchfield lettering on long hood
- Faded / primer paint on fuel tank

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# HO SD45-2 Diesel Locomotive

## Clinchfield

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Era: Late 1970s+

### Without Sound

ATHG86114 HO SD45-2, CRR #3607  
 ATHG86115 HO SD45-2, CRR #3610  
 ATHG86116 HO SD45-2, CRR #3615

### With Sound

ATHG86214 HO SD45-2 w/DCC & Sound, CRR #3607  
 ATHG86215 HO SD45-2 w/DCC & Sound, CRR #3610  
 ATHG86216 HO SD45-2 w/DCC & Sound, CRR #3615

### CRR FEATURES:

- Windwings per prototype
- Cab mounted headlight
- Small anticlimber
- Standard height Intertial hatch, exhaust stack, fan housings
- Yellow numberboards
- Whip radio antenna
- Leslie S3LR air horn
- Long hood mounted bell

# Helm Leasing



Era: Late 1980s+

### Without Sound

ATHG86121 HO SD45-2, HATX Helm Lease #750  
 ATHG86122 HO SD45-2, HATX Helm Lease #909  
 ATHG86123 HO SD45-2, HATX Helm Lease #910

### With Sound

ATHG86221 HO SD45-2 w/DCC & Sound, HATX Helm Lease #750  
 ATHG86222 HO SD45-2 w/DCC & Sound, HATX Helm Lease #909  
 ATHG86223 HO SD45-2 w/DCC & Sound, HATX Helm Lease #910

### HATX FEATURES:

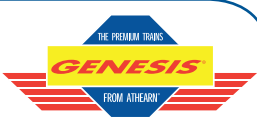
- Windwings per prototype
- Nose mounted headlight
- Small anticlimber
- Standard height Intertial hatch, exhaust stack, fan housings
- Black or white numberboards per prototype
- Firecracker or Sinclair antenna per prototype
- 3-or-5 chime horn per prototype
- Frame mounted bell
- Commonly used in lease service starting in the late 1980s. Prototype railroads would lease locomotives during power shortages and traffic upturns. These particular units were leased to several eastern roads including Grand Trunk Western and CSX.



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# HO SD45-2 Diesel Locomotive

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## 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
- 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](http://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



#Ready2Rust

### 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 its 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™ 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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# HO GP39X/GP49 Diesel Locomotive

Announced 12.28.18  
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ETA: December 2019

The effort continues to enhance Athearn Genesis models per customer requests and feedback. There has been a lot of activity behind the scenes; we're excited to include new features often requested, to the GP39X/GP49 and upcoming Genesis models.

### NEW FEATURES:

- All-new LED lighting
- Rubber MU hoses for durability

**NOW EQUIPPED WITH:  
LEDs, & RUBBER MU HOSES**



## Southern



Era: 1980s+

### Without Sound

- |           |                     |
|-----------|---------------------|
| ATHG64537 | HO GP39X, SOU #4600 |
| ATHG64538 | HO GP39X, SOU #4601 |
| ATHG64539 | HO GP39X, SOU #4602 |
| ATHG64540 | HO GP39X, SOU #4603 |
| ATHG64541 | HO GP39X, SOU #4604 |
| ATHG64542 | HO GP39X, SOU #4605 |

### With Sound

- |           |                                   |
|-----------|-----------------------------------|
| ATHG64637 | HO GP39X w/DCC & Sound, SOU #4600 |
| ATHG64638 | HO GP39X w/DCC & Sound, SOU #4601 |
| ATHG64639 | HO GP39X w/DCC & Sound, SOU #4602 |
| ATHG64640 | HO GP39X w/DCC & Sound, SOU #4603 |
| ATHG64641 | HO GP39X w/DCC & Sound, SOU #4604 |
| ATHG64642 | HO GP39X w/DCC & Sound, SOU #4605 |

### SOU FEATURES:

- Late EMD style step wells
- Large pointed style anticlimber
- Small cab sunshades
- Long hood mounted walkway lights
- Firecracker antennas
- EMD Blomberg M style truck sideframes
- 3600 gallon fuel tank
- GP50 style late corrugated radiator grilles with Q-fans
- Front and rear mounted 3-chime air horns
- Front and rear mounted large plows
- Long hood mounted bell
- DCC+Sound units feature prototypical long hood forward operation



w/o Sound \$189.98<sub>SRP</sub> With **Tsunami<sup>2</sup>** Sound \$279.98<sub>SRP</sub>

These items are subject to Horizon's MAP policy



Visit Your Local Retailer | Visit [www.athearn.com](http://www.athearn.com) | Call 1.800.338.4639

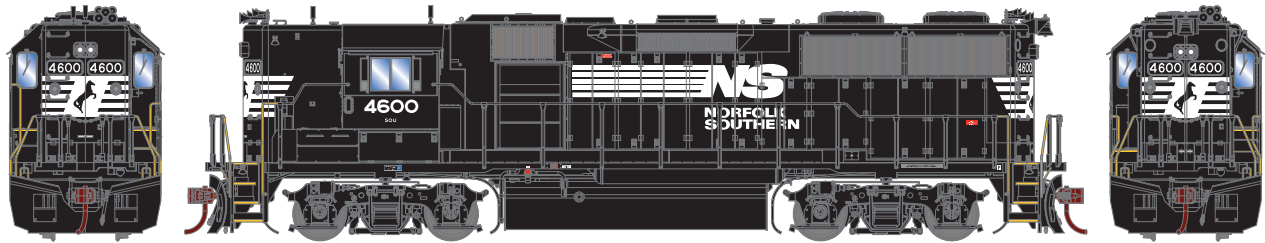


# HO GP39X/GP49 Diesel Locomotive

Announced 12.28.18  
Orders Due: 1.25.19

## Norfolk Southern

ETA: December 2019



Era: 1986+

### Without Sound

ATHG64543	HO GP49, NS #4600
ATHG64544	HO GP49, NS #4601
ATHG64545	HO GP49, NS #4603
ATHG64546	HO GP49, NS #4604
ATHG64547	HO GP49, NS #4605
ATHG64548	HO GP49, NS #4602

### With Sound

ATHG64643	HO GP49 w/DCC & Sound, NS #4600
ATHG64644	HO GP49 w/DCC & Sound, NS #4601
ATHG64645	HO GP49 w/DCC & Sound, NS #4603
ATHG64646	HO GP49 w/DCC & Sound, NS #4604
ATHG64647	HO GP49 w/DCC & Sound, NS #4605
ATHG64648	HO GP49 w/DCC & Sound, NS #4602

### NS FEATURES:

- Models represent units rebuilt from Southern's GP39X
- DCC+Sound units feature prototypical long hood forward operation

## All Railroads

### PROTOTYPE SPECIFIC INFORMATION

Built in November 1980, Southern Railway's six GP39X locomotives were built during a time a transition for EMD—from the Dash-2 series, to the 50-series. These 2,600hp units, powered by a 12-cylinder 645F3 prime mover, were essentially test beds (hence the "X" in their designation) for future medium-horsepower locomotives that would be part of the forthcoming 50-series. While resembling Phase I GP50s at first glance ... "tapered" sidesills, "pointed" anticlimbers, rounded blower housing, and tall radiator intakes ... these units had only a pair of 48" "Q-Fans" for radiator cooling, as well as revised clean air compartment and engine compartment layouts, in deference to their shorter 12-cylinder prime mover (vs. the 16-cylinder version used in the GP50).

Keeping with Southern Railway practice, these units, numbered 4600-4605, were equipped with 81" tall high short hoods, control stands set up for long-hood forward operation, bell on the long hood end, dual Nathan 5-chime horns, snowplows fore and aft, and walkway safety lights mounted to the long hood, dynamic brake housing, and high short hood.

In 1982, these six units were returned to EMD's La Grange, Illinois plant for internal mechanical modifications and upgrades, essentially making them "true" GP49s, the medium-horsepower unit EMD cataloged as part of the 50-series. Their horsepower was raised to 2,800hp as a result, and their designation was officially changed to GP49 as well.

As medium-horsepower units, they could be found in a variety of service, from locals to mainline freights. They would continue on in service for Southern Railway's successor, Norfolk Southern, gaining a coat of "Thoroughbred" black paint in the process, and remaining on their active roster into the early 2000s.

### LOCOMOTIVE FEATURES:

- Fully-assembled and ready-to-run
- DCC-ready features Quick Plug™ plug-and-play technology with 21-pin NEM connector
- Scaled from prototype resources including drawings, field measurements, photographs, and more
- Coupler cut levers
- 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 trouble free operation
- Heavy die-cast frame for greater traction and more pulling power
- Packaging securely holds for the model for safe storage



### SOUND EQUIPPED MODELS ALSO FEATURE

- Onboard DCC decoder with SoundTraxx Tsunami2 sound
- Sound units operate in both DC and DCC
- Full DCC functions available when operated in DCC mode
- Engine, horn, and bell sounds work in DC
- All functions NMRA compatible in DCC mode
- Precision slow speed control
- Many functions can be altered via CV changes
- CV chart included in operators manual

w/o Sound \$189.98<sub>SRP</sub> With **Tsunami2** Sound \$279.98<sub>SRP</sub>  
These items are subject to Horizon's MAP policy



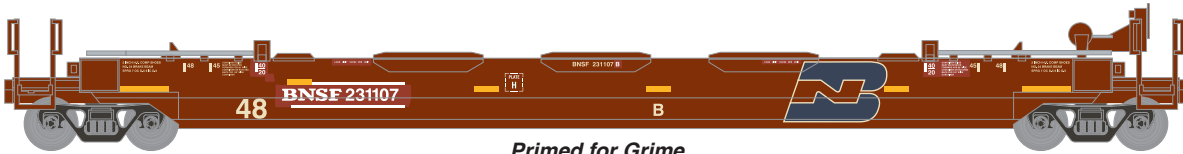
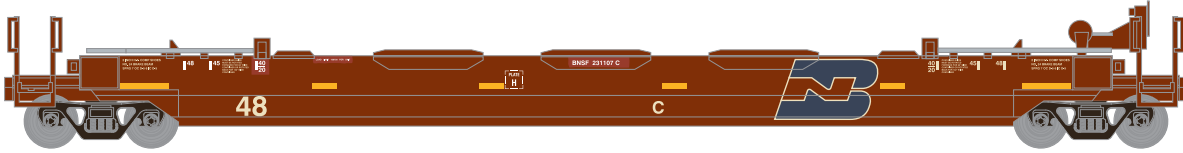
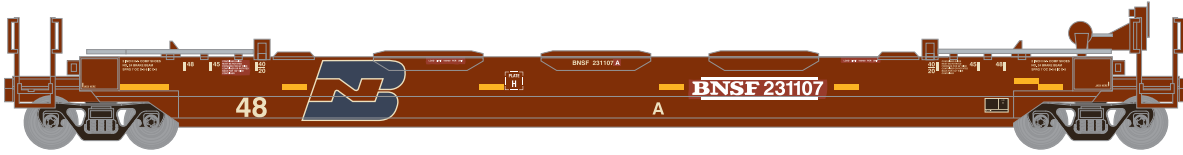
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# HO Husky Stack Well Car Burlington Northern Santa Fe

Announced 12.28.18  
**Orders Due: 1.25.19**  
 ETA: December 2019



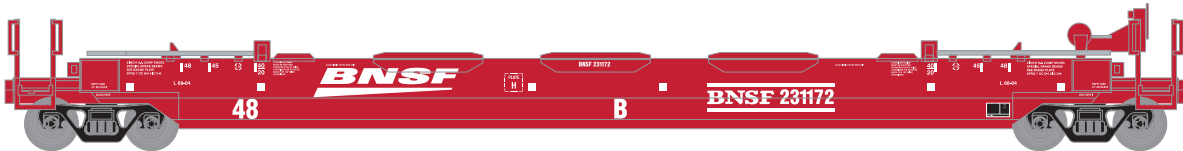
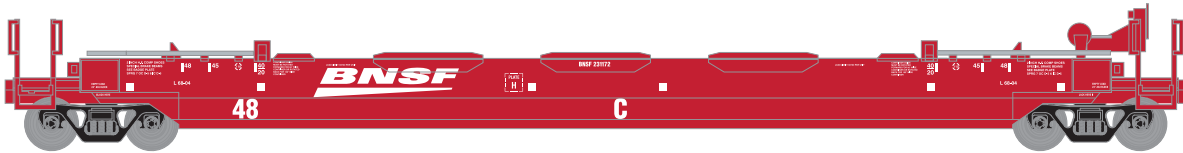
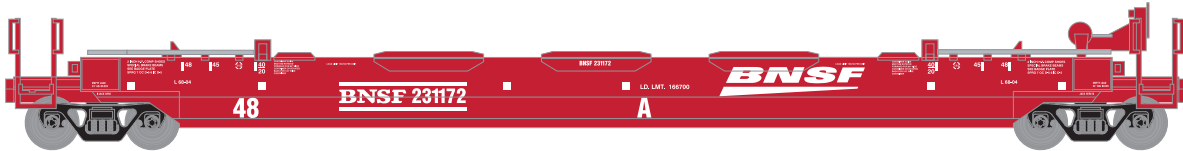
*Primed for Grime*

Era: 2005+

ATH5885  
 ATH5887

HO RTR Husky Stack, BNSF #231107 (3)  
 HO RTR Husky Stack, BNSF #231199 (3)

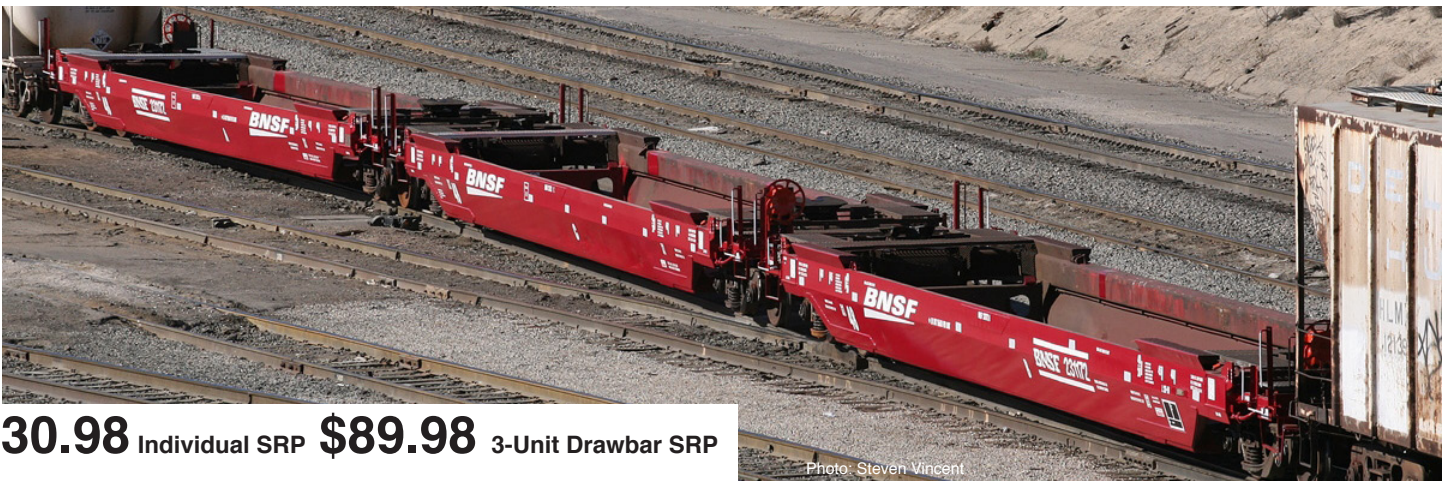
• 3-car set with drawbars included in the box to match BNSF practice, see photo, bottom of this page



Era: 2006+

ATH5886

HO RTR Husky Stack, BNSF #231172 (3)



**\$30.98** Individual SRP **\$89.98** 3-Unit Drawbar SRP

Photo: Steven Vincent



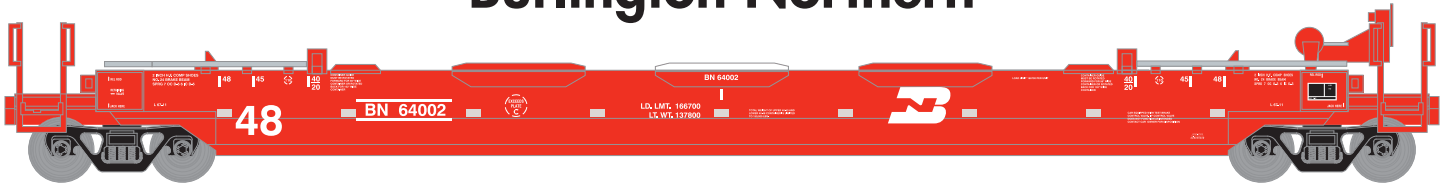
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# HO Husky Stack Well Car

- Single Cars -  
Burlington Northern

Announced 12.28.18  
Orders Due: 1.25.19  
ETA: December 2019



Era: 1990+      ATH5882      HO RTR Husky Stack, BN #64002  
ATH5883      HO RTR Husky Stack, BN #64006  
ATH5884      HO RTR Husky Stack, BN #64013

## CSX



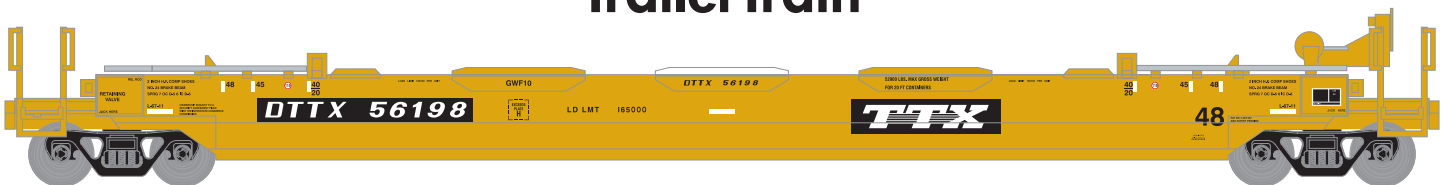
Era: 1990+      ATH5888      HO RTR Husky Stack, CSXT #61501  
ATH5889      HO RTR Husky Stack, CSXT #61505  
ATH5890      HO RTR Husky Stack, CSXT #61517

## Southern Pacific\*



Era: 1990+      ATH5891      HO RTR Husky Stack, SP #513307  
ATH5892      HO RTR Husky Stack, SP #513333  
ATH5893      HO RTR Husky Stack, SP #513348

## TrailerTrain



Era: 1990+      ATH5894      HO RTR Husky Stack, TTX Black Logo #56198  
ATH5895      HO RTR Husky Stack, TTX Black Logo #56339  
ATH5896      HO RTR Husky Stack, TTX Black Logo #56780

**\$30.98** Individual SRP **\$89.98** 3-Unit Drawbar SRP

\* Union Pacific Licensed Product



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# HO Husky Stack Well Car

Announced 12.28.18  
Orders Due: 1.25.19

## - Single Cars - TrailerTrain

ETA: December 2019



2006+

ATH5897  
ATH5898  
ATH5899

HO RTR Husky Stack, TTX Red Logo #56126  
HO RTR Husky Stack, TTX Red Logo #56165  
HO RTR Husky Stack, TTX Red Logo #56222

## All Carriers

### 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

### MODEL FEATURES:

- Great car to use with the new 40' Low-Cube containers, available separately.
- Fully-assembled and ready-to-run out of the box
- Accurately painted and printed
- Highly detailed, injection molded body
- Separately applied brake wheel
- 48' well capable of carrying 20' - 48' containers on the bottom and up to 53' containers on top
- Machined metal wheels
- Screw mounted trucks
- Body mounted McHenry operating scale knuckle couplers
- Weighted for trouble free operation
- Wheels with RP25 contours operate on all popular brands of track
- Window packaging for easy viewing plus interior plastic blister safely holds the model for convenient storage
- Minimum radius: 18"

**\$30.98** Individual SRP **\$89.98** 3-Unit Drawbar SRP



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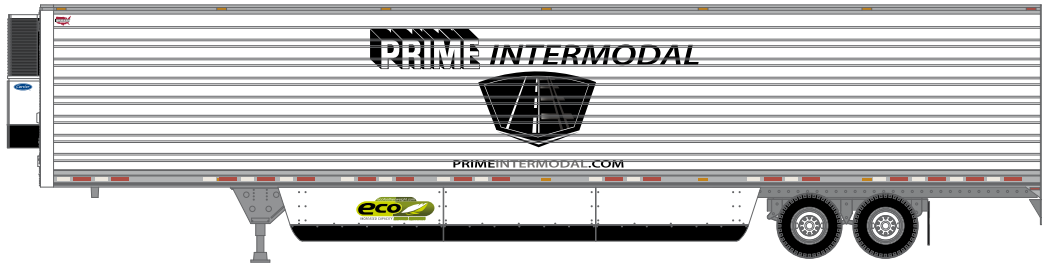
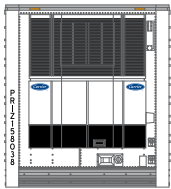


# HO 53' Reefer Trailer

Announced 12.28.18  
**Orders Due: 1.25.19**

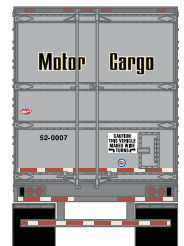
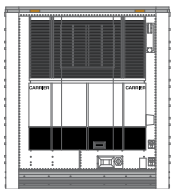
ETA: December 2019

## Prime Inc.



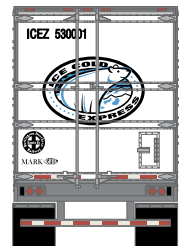
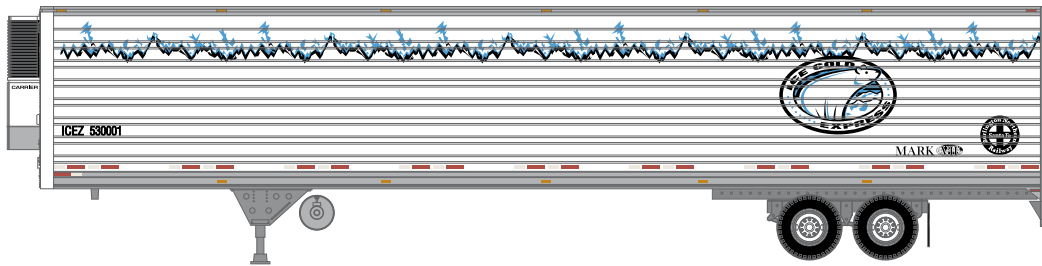
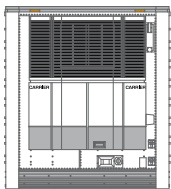
ATH17964 HO RTR 53' Utility Reefer Trailer, PRIZ Prime Intermodal #158038 • Etched underbody wind  
 ATH17965 HO RTR 53' Utility Reefer Trailer, PRIZ Prime Intermodal #158117 deflectors per prototype  
 ATH17966 HO RTR 53' Utility Reefer Trailer, PRIZ Prime Intermodal #158126

## Motor Cargo



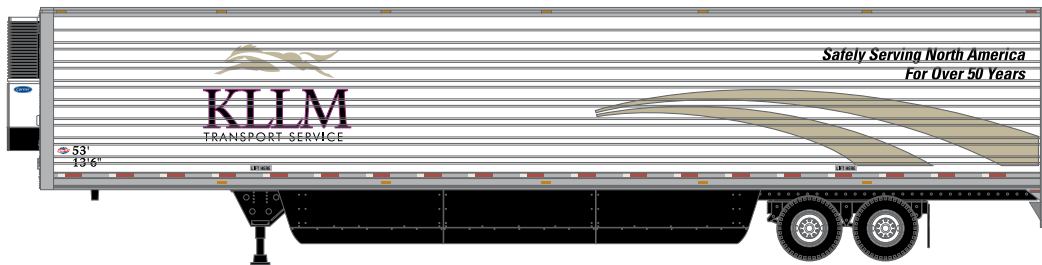
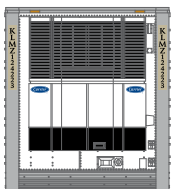
ATH17967 HO RTR 53' Utility Reefer Trailer, Motor Cargo #52-0007  
 ATH17968 HO RTR 53' Utility Reefer Trailer, Motor Cargo #52-0010

## Burlington Northern Santa Fe



ATH17971 HO RTR 53' Utility Reefer Trailer, ICEZ/BNSF #530001  
 ATH17972 HO RTR 53' Utility Reefer Trailer, ICEZ/BNSF #530027  
 ATH17973 HO RTR 53' Utility Reefer Trailer, ICEZ/BNSF #530050

## KLLM



ATH17974 HO RTR 53' Utility Reefer Trailer, KLLM Intermodal #124223  
 ATH17975 HO RTR 53' Utility Reefer Trailer, KLLM Intermodal #91180  
 ATH17976 HO RTR 53' Utility Reefer Trailer, KLLM Intermodal #90725

- Different size logos and placement per prototype
- Etched underbody wind deflectors per prototype

**\$29.98**SRP



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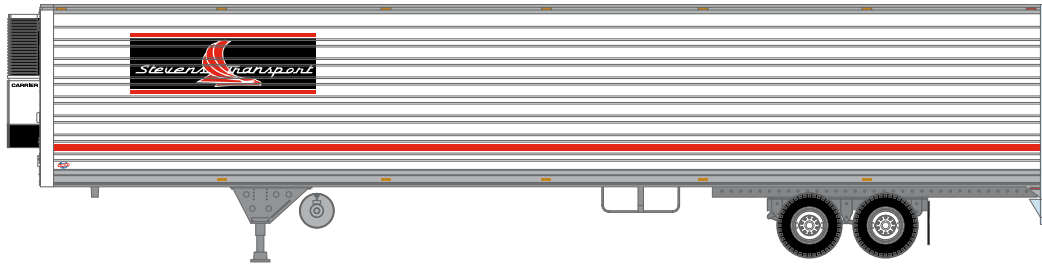
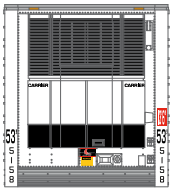


# HO 53' Reefer Trailer

Announced 12.28.18  
**Orders Due: 1.25.19**

ETA: December 2019

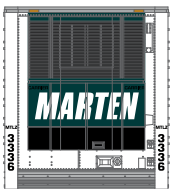
## Stevens



ATH29853  
 ATH29854  
 ATH29855

HO RTR 53' Utility Reefer Trailer, Stevens #5158  
 HO RTR 53' Utility Reefer Trailer, Stevens #5174  
 HO RTR 53' Utility Reefer Trailer, Stevens #5195

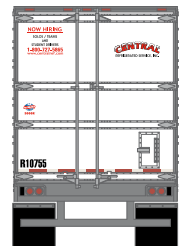
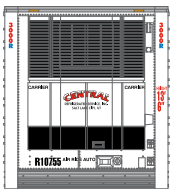
## Marten



ATH28473  
 ATH28474  
 ATH28475

HO RTR 53' Utility Reefer Trailer, Marten #3336  
 HO RTR 53' Utility Reefer Trailer, Marten #3341  
 HO RTR 53' Utility Reefer Trailer, Marten #3358

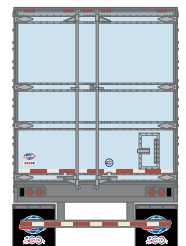
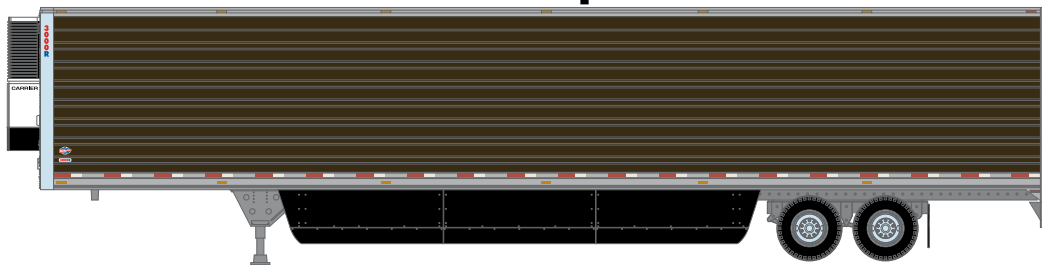
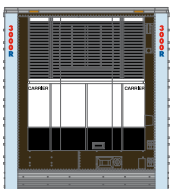
## Central



ATH28467  
 ATH28468  
 ATH28469

HO RTR 53' Utility Reefer Trailer, Central #10755  
 HO RTR 53' Utility Reefer Trailer, Central #10774  
 HO RTR 53' Utility Reefer Trailer, Central #10786

## Owner / Operator



ATH17969

HO RTR 53' Utility Reefer Trailer, Black #3000R

• Etched underbody wind deflectors per prototype

**\$29.98**SRP



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# HO 53' Reefer Trailer

## All Carriers

Announced 12.28.18  
**Orders Due: 1.25.19**  
ETA: December 2019

### PROTOTYPE AND BACKGROUND INFO:

Trailer On Flat Car (TOFC) has been in service since the 1940s when it was originally developed to load truck trailers onto flat cars to streamline service and minimize transferring cargo from boxcars to trailers. In the early 1980s, after the railroads were deregulated, TOFC service exploded in North America. The railroad's ability to adjust haul rates to be competitive with trucking meant new revenue in areas that the railroads weren't able to successfully compete before.

### MODEL FEATURES:

- Separately applied mud flaps
- Rubber tires
- Fully-assembled and ready to use out of the box
- Highly-detailed, injection-molded body
- Painted and printed for realistic decoration
- Three fuel tank sizes per prototype
- Spare tire rack per prototype

**\$29.98**<sub>SRP</sub>



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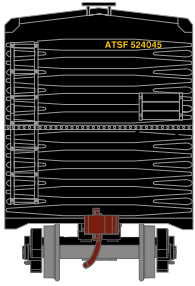


# HO 50' Single Plug Door Box

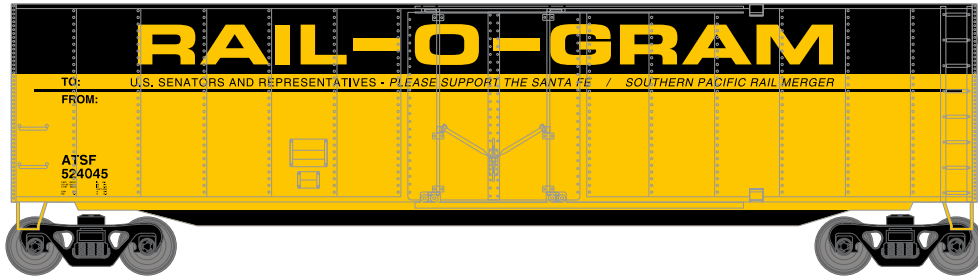
Announced 12.28.18  
**Orders Due: 1.25.19**

ETA: December 2019

## Santa Fe (Rail-O-Gram)

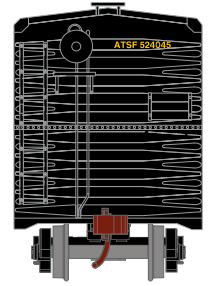


Era: 1984+

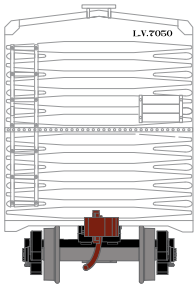


RND7029 HO 50' Plug Door Smooth Side Box, ATSF #524045

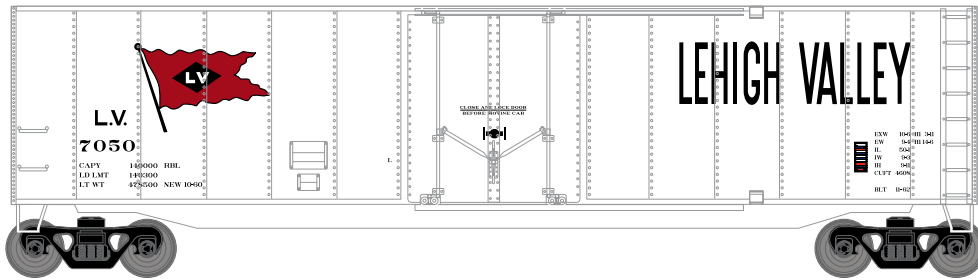
This unique car was painted by the Santa Fe, and was subsequently signed by many people in support of the SPSF merger proposal. Despite this, the merger was subsequently denied by the ICC.



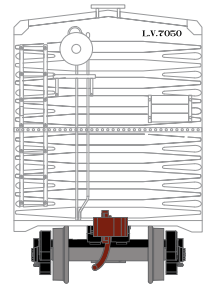
## Lehigh Valley



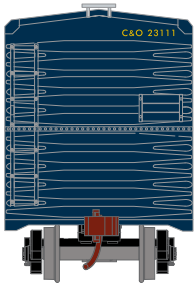
Era: 1960+



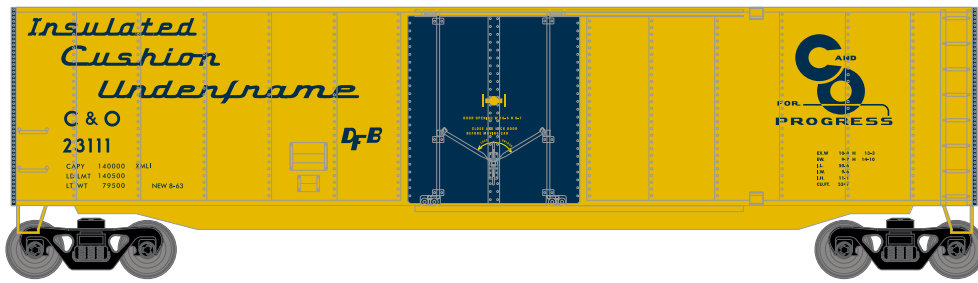
RND79099 HO 50' Plug Door Smooth Side Box, LV #7050  
 RND79100 HO 50' Plug Door Smooth Side Box, LV #7051  
 RND79101 HO 50' Plug Door Smooth Side Box, LV #7053



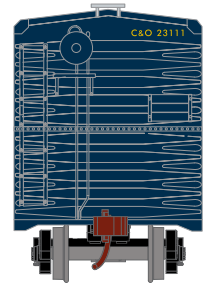
## Chesapeake & Ohio



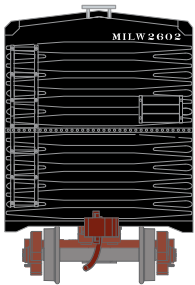
Era: 1963+



RND79102 HO 50' Plug Door Smooth Side Box, C&O #23111  
 RND79103 HO 50' Plug Door Smooth Side Box, C&O #23277  
 RND79104 HO 50' Plug Door Smooth Side Box, C&O #23315



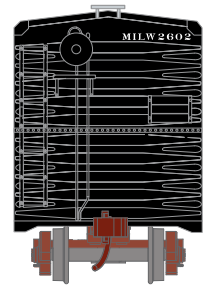
## Milwaukee Road



Era: 1962+



RND79105 HO 50' Plug Door Smooth Side Box, MILW #2602  
 RND79106 HO 50' Plug Door Smooth Side Box, MILW #2617  
 RND79107 HO 50' Plug Door Smooth Side Box, MILW #2650



**\$27.98**SRP



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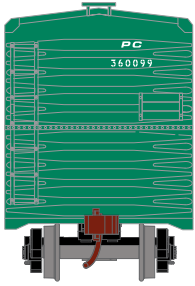


# HO 50' Single Plug Door Box

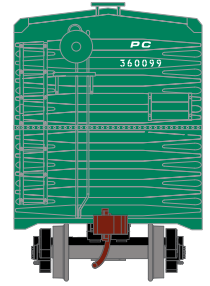
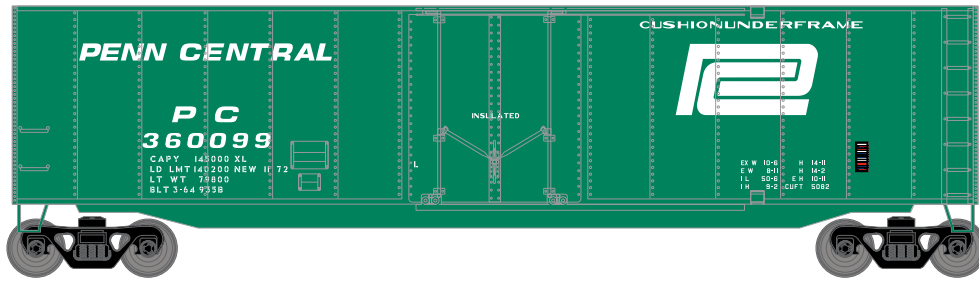
Announced 12.28.18  
**Orders Due: 1.25.19**

ETA: December 2019

## Penn Central

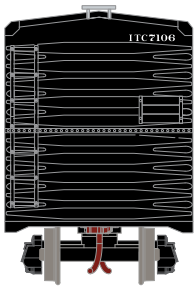


Era: 1964+

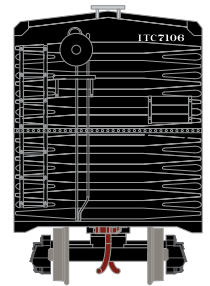
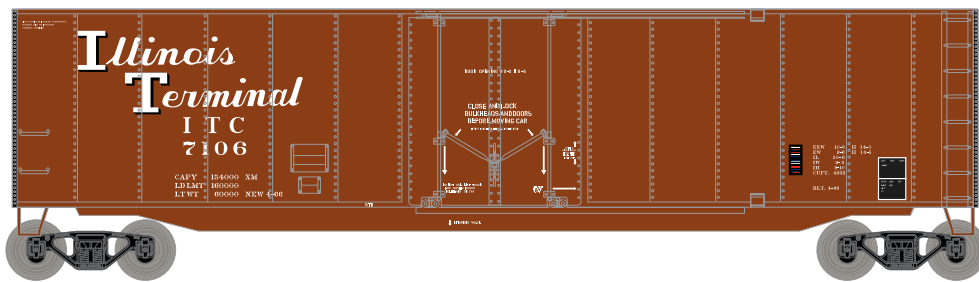


- |          |  |
|----------|--|
| RND79108 | HO 50' Plug Door Smooth Side Box, PC #360099 |
| RND79109 | HO 50' Plug Door Smooth Side Box, PC #360124 |
| RND79110 | HO 50' Plug Door Smooth Side Box, PC #360193 |

## Illinois Terminal

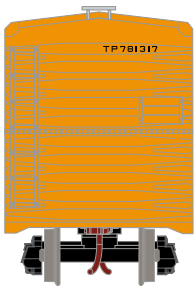


Era: 1966+

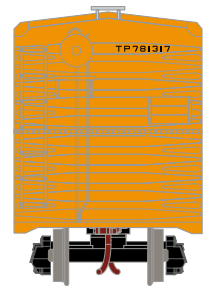
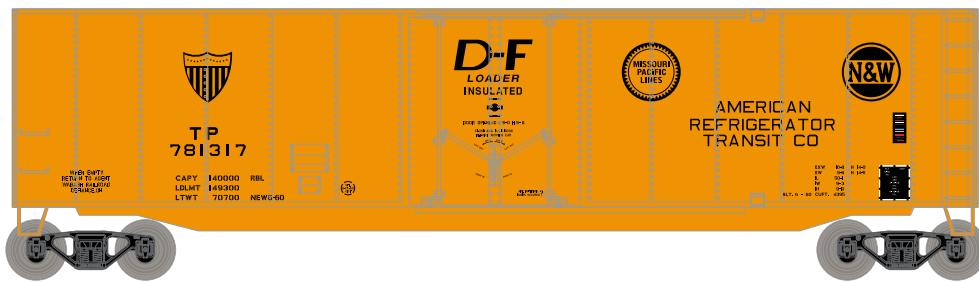


- |          |   |
|----------|---|
| RND79111 | HO 50' Plug Door Smooth Side Box, ITC #7106 |
| RND79112 | HO 50' Plug Door Smooth Side Box, ITC #7125 |
| RND79113 | HO 50' Plug Door Smooth Side Box, ITC #7150 |

## Texas & Pacific\*

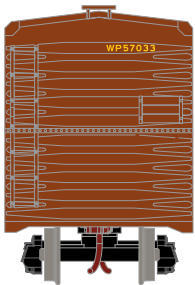


Era: 1960+

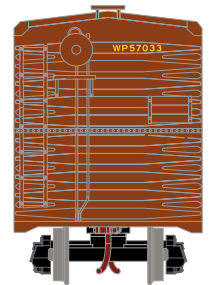
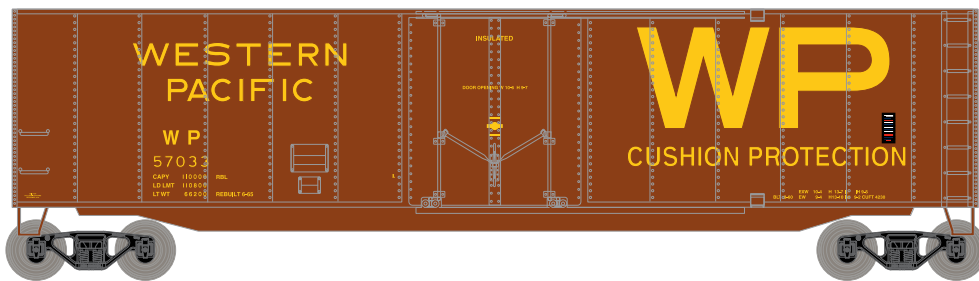


- |          |   |
|----------|---|
| RND79114 | HO 50' Plug Door Smooth Side Box, T&P #781317 |
| RND79115 | HO 50' Plug Door Smooth Side Box, T&P #781322 |
| RND79116 | HO 50' Plug Door Smooth Side Box, T&P #781331 |

## Western Pacific\*



Era: 1965+



- |          |   |
|----------|---|
| RND79117 | HO 50' Plug Door Smooth Side Box, WP #57033 |
| RND79118 | HO 50' Plug Door Smooth Side Box, WP #57047 |
| RND79119 | HO 50' Plug Door Smooth Side Box, WP #57092 |

**\$27.98**SRP

\* Union Pacific Licensed Product

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# HO 50' Single Plug Door Box All Carriers

Announced 12.28.18  
**Orders Due: 1.25.19**  
ETA: December 2019

## 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

## PROTOTYPE AND BACKGROUND INFO:

Pullman Standard introduced the all steel PS-1 box car in several different sizes including 40', 50' and 60' lengths. Multiple door configurations and styles made these box cars very flexible. Pullman Standard had their own signature details, such as rolled non-terminating ends, and bow-tie stamped metal roofs. These were signature elements that identified the PS-1 among the other freight car builders of the time.

## MODEL FEATURES:

- Fully-assembled and ready to run out of the box
- Cars feature standard or cushioned underframe per prototype.
- Highly-detailed, injection-molded body
- Separately applied roof walk and brake wheel
- Positionable sliding doors
- 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"

**\$27.98**SRP



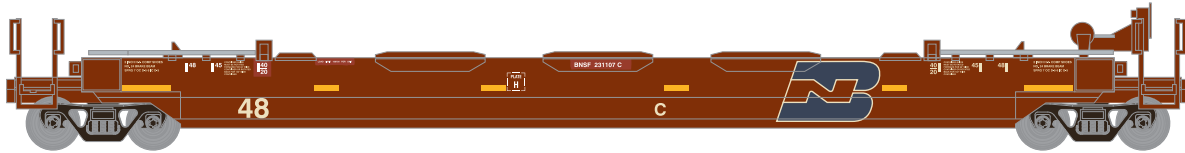
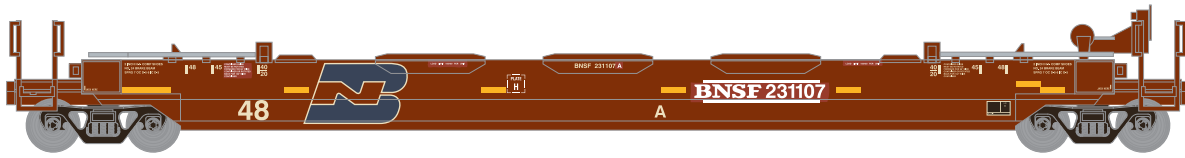
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# N Husky Stack Well Car

## Burlington Northern Santa Fe

Announced 12.28.18  
**Orders Due: 1.25.19**  
 ETA: December 2019



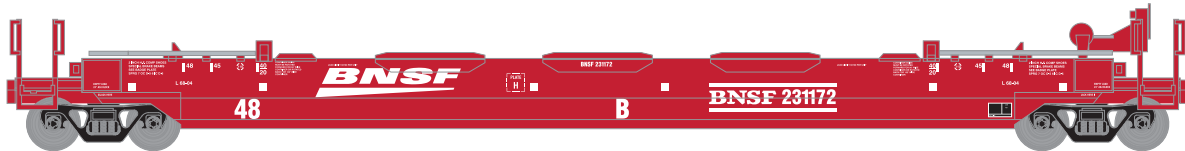
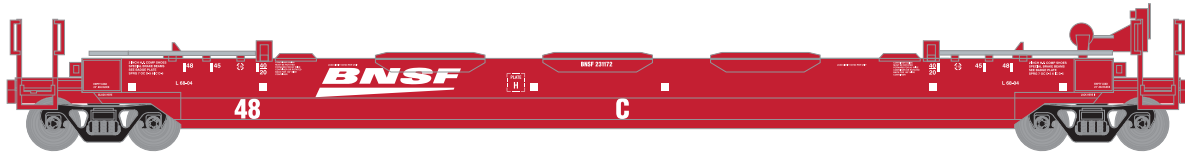
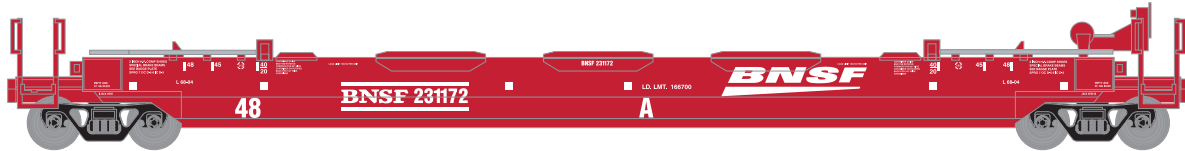
*Primed for Grime*

Era: 2005+

ATH12361  
 ATH12363

N Husky Stack, BNSF #231107 (3)  
 N Husky Stack, BNSF #231199 (3)

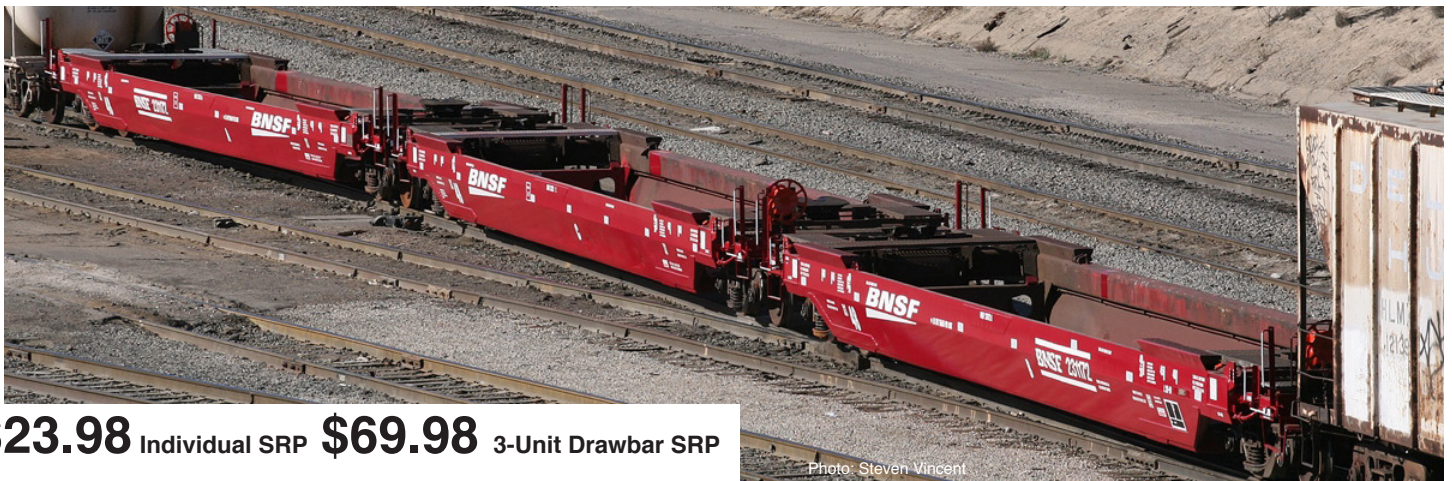
• 3-car set with drawbars included in the box to match BNSF practice, see photo, bottom of this page



Era: 2006+

ATH12362

N Husky Stack, BNSF #231172 (3)



**\$23.98** Individual SRP **\$69.98** 3-Unit Drawbar SRP

Photo: Steven Vincent



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# N Husky Stack Well Car

## - Single Cars -

### Burlington Northern

Announced 12.28.18  
**Orders Due: 1.25.19**  
 ETA: December 2019



Era: 1990+      ATH12358      N Husky Stack, BN #64002  
 ATH12359      N Husky Stack, BN #64006  
 ATH12360      N Husky Stack, BN #64013

## CSX



Era: 1990+      ATH12364      N Husky Stack, CSXT #61501  
 ATH12365      N Husky Stack, CSXT #61505  
 ATH12366      N Husky Stack, CSXT #61517

## Southern Pacific\*



Era: 1990+      ATH12367      N Husky Stack, SP #513307  
 ATH12368      N Husky Stack, SP #513333  
 ATH12369      N Husky Stack, SP #513348

## TrailerTrain



Era: 1990+      ATH12370      N Husky Stack, TTX Black Logo #56198  
 ATH12371      N Husky Stack, TTX Black Logo #56339  
 ATH12372      N Husky Stack, TTX Black Logo #56780

**\$23.98** Individual SRP    **\$69.98** 3-Unit Drawbar SRP

\* Union Pacific Licensed Product



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# N Husky Stack Well Car

Announced 12.28.18  
**Orders Due: 1.25.19**

ETA: December 2019

## - Single Cars - TrailerTrain



2006+

ATH12373  
ATH12374  
ATH12375

N Husky Stack, TTX Red Logo #56126  
N Husky Stack, TTX Red Logo #56165  
N Husky Stack, TTX Red Logo #56222

## All Carriers

### 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

### MODEL FEATURES:

- Fully assembled and ready-to-run
- Etched metal walkways
- Separately applied brake rigging and brake wheel
- Screw mounted trucks
- Precision machined metal wheels
- McHenry knuckle spring couplers
- Operates on Code 80 and 55 rail
- Clear plastic jewel box
- Brand-New N-Scale container available separately
- Minimum radius: 11"

**\$23.98** Individual SRP **\$69.98** 3-Unit Drawbar SRP



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# N 40' Low Cube Container

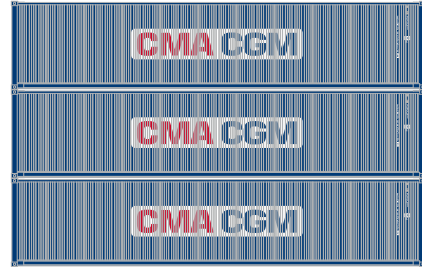
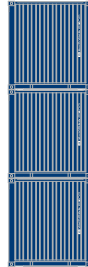
Announced 12.28.18  
Orders Due: 1.25.19  
ETA: December 2019

**BRAND NEW FOR N-SCALE**

## China Shipping



ATH17636 N 40' Low-Cube Container, China Shipping

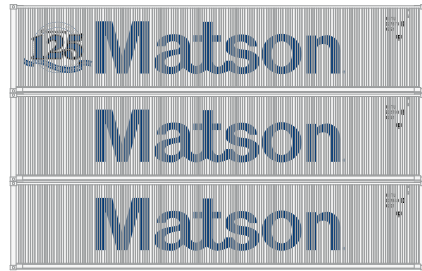


ATH17637 N 40' Low-Cube Container, CMA-CGM

## Maersk

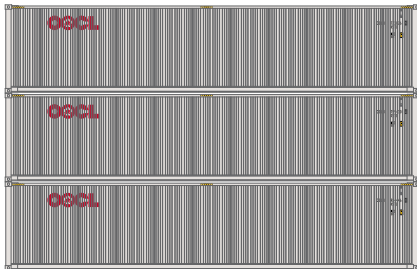


ATH17638 N 40' Low-Cube Container, Maersk

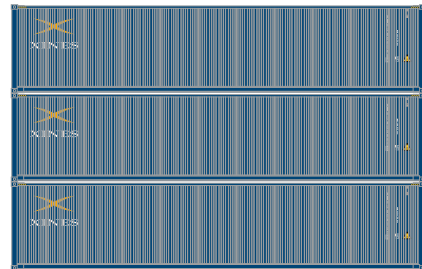


ATH17639 N 40' Low-Cube Container, Matson

## OOCL



ATH17640 N 40' Low-Cube Container, OOCL



ATH17641 N 40' Low-Cube Container, Xines

## All Carriers

### PROTOTYPE AND BACKGROUND INFO:

An intermodal container is a large standardized shipping container, designed and built for intermodal freight transport, meaning these containers can be used across different modes of transport – from ship to rail to truck – without unloading and reloading their cargo. Corrugating the sheet metal used for the sides and roof contributes significantly to the container's rigidity and stacking strength, just like in corrugated iron or in cardboard boxes. International containers have castings with openings for twistlock fasteners 40' apart on the eight corners, to allow gripping the box from above, below, or the side, and they can be stacked up to ten units high for storage.

### MODEL FEATURES:

- Brand new model for N-scale
- Three different road numbers per pack
- Some SKUs feature multiple logos and/or decoration variations

### PRIMED FOR GRIME MODELS FEATURE:

- Duplicated look and feel of "In Service" equipment; "Tattered and Torn" just like the real thing
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- Perfect starting point for adding grime and rust



#Ready2Rust

**\$29.98** 3-PACK SRP



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