



# HO EMD SDP45 Diesel

Announced 9.28.18  
Orders Due: 10.26.18

ETA: September 2019

Model Photo By: Ken Patterson



## HELP PRESERVE RAILROAD HISTORY

The Youngstown Steel Heritage Foundation (YSH) is pleased to announce that an agreement has been reached with the Virginia Museum of Transportation to purchase former Erie Lackawanna SDP45 diesel locomotive No. 3639, currently painted as Conrail No. 6670, now located in Roanoke, Virginia.

Y.S.H. has initiated a fundraising drive with an initial goal of \$20,000 to purchase and secure the locomotive. Additional fundraising will take place in 2019 to move the locomotive to the Marter Yard Railroad Museum, operated by the Mahoning Valley Railroad Heritage Association.

After arrival at Marter Yard, the SDP45 will remain in Conrail paint for a period of time before finally being repainted as Erie Lackawanna 3639. "After years of watching this locomotive sit in the yard,

now is our chance to provide it with a better future and bring it back to northeast Ohio, the former hub of the Erie Lackawanna Railway", stated YSH President Rick Rowlands.

The locomotive is in generally good condition despite missing several major components including the main generator, traction motors and air compressor. An operational restoration is a long term goal of the project.

Extra 3639 North pays homage to the former "Extra 2200 South" locomotive newsmagazine and describes the goal of this effort, to move the 3639 about 300 miles due north from Roanoke to Youngstown.

More information is available at:  
[www.extra3639north.org](http://www.extra3639north.org)



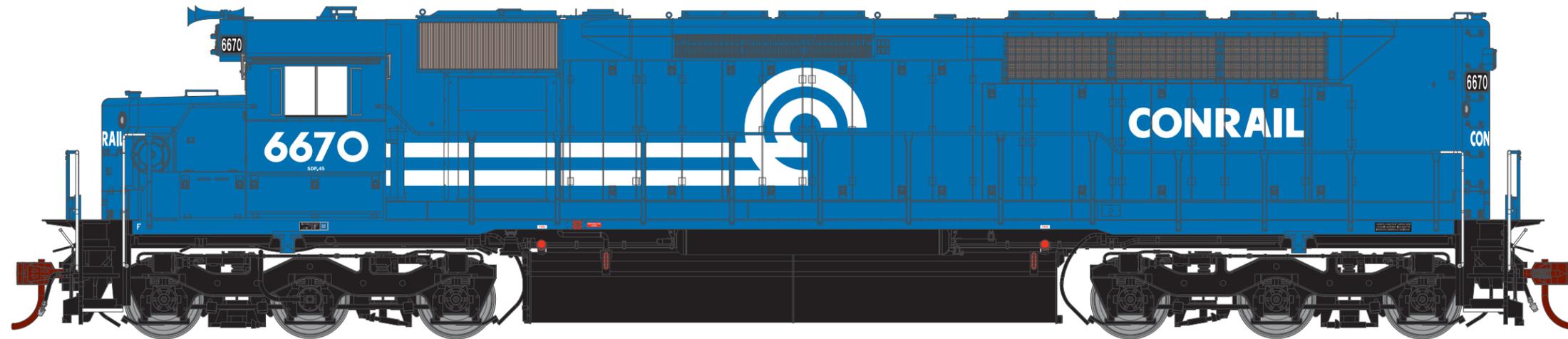
# PRESERVING ERIE LACKAWANNA NO. 3639 — CONRAIL NO. 6670



Era: 1969–1975

#### EL #3639 FEATURES:

- As-built EL freight service SDP45 (SD45M)
- Low profile roof details: dust bin hatch, dynamic brake fans, exhaust stack, engine compartment "T" vent, and radiator fans
- Leslie SU-3L-R air horn mounted on low clearance bracket
- Front and rear MU hose catch tray with bottom reinforcing strip
- Trainline, and 3-hose MU clusters with silver ends
- Front and rear deck-mounted MU stands
- Front and rear early "straight" coupler cut levers
- Dual single louver battery box doors and sub-base doors with stiffener rib
- Standard "35-Line" cab with armrests and sunshade tracks
- Low profile standard range dynamic brake housing with retrofitted side vents
- Rectangular grid radiator intake grilles
- 5,000 gallon fuel tank
- Frame mounted bell
- Flexicoil-C Trucks with brake cylinder position per prototype and Hyatt bearings



Era: 1976+

#### CR #6670 FEATURES:

- Former EL #3639
- Low profile roof details: dust bin hatch, dynamic brake fans, exhaust stack, engine compartment "T" vent, and radiator fans
- Leslie SU-3L-R air horn mounted on low clearance bracket
- Cab signal box
- Rectangular grid radiator intake grilles
- Dual control stands
- Front and rear MU hose catch tray with bottom reinforcing strip





# HO EMD SDP45 Diesel

Announced 9.28.18  
**Orders Due: 10.26.18**

ETA: September 2019

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

### NEW FEATURES:

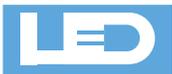
- All-new LED lighting
- Rubber MU hoses for durability
- Models equipped with DCC+Sound will have the **new 645E3 20-cylinder** prime mover recording by SoundTraxx

#### Without Sound

ATHG36390 HO SDP45, Fundrazr EL #3639

#### With Sound

ATHG03639 HO SDP45 w/DCC & Sound, Fundrazr EL #3639



#### Without Sound

ATHG63610 HO SDP45, Fundrazr CR #6670

#### With Sound

ATHG63710 HO SDP45 w/DCC & Sound, Fundrazr CR #6670

To help support the effort by the Youngstown Steel Heritage Foundation (YSH) to move and preserve the Erie Lackawanna #3639 EMD SDP45 (SD45M), Athearn will assist in driving a donation per SKU (of the four listed on this page) reserved to the effort by offering a model as Erie Lackawanna #3639 and Conrail #6670. Both DCC-Ready and DCC+Sound configurations are available.

The models will be offered in a customized Athearn Genesis box, and will feature top of the line detail fidelity. For a full list of features, reference the last SDP45 page in this group of announcements.

Please support the Y.S.H. Foundation in their effort to preserve this locomotive for future generations of railroad enthusiasts. If you would like to make a stand alone donation to their effort, please visit their Fundrazr.com presence (QR code will take you to this URL):

<https://fundrazr.com/profiles/youngstown-steel-heritage-foundation>



EL #3639/ CR #6670  
Present Day



Photo: Courtesy Y.S.H. Youtube - [https://www.youtube.com/channel/UCmpwNDVaL\\_N\\_GuzF3\\_ddknQ](https://www.youtube.com/channel/UCmpwNDVaL_N_GuzF3_ddknQ)

**w/o Sound \$219.98<sub>SRP</sub>\* With *Tsunami* 2 Sound \$309.98<sub>SRP</sub>\***

\*SRP includes donation to restore SDP45 EL #3639

These items are subject to Horizon's MAP policy



# HO EMD SDP45 Diesel

Announced 9.28.18  
Orders Due: 10.26.18

ETA: September 2019

## Southern Pacific\*

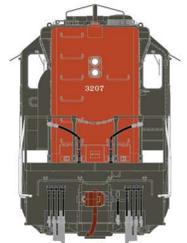
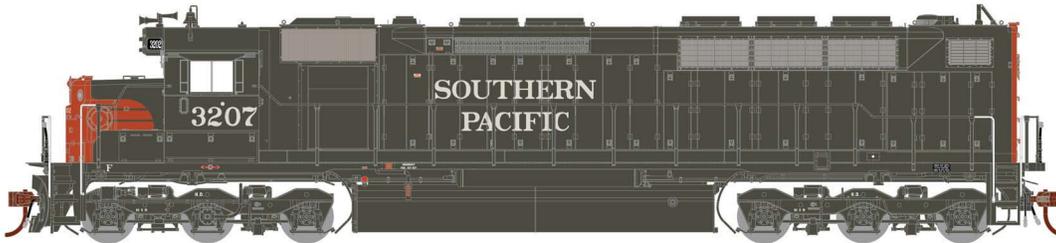
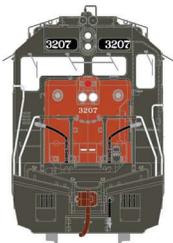
**NOW EQUIPPED WITH:  
LEDs, & RUBBER MU HOSES**



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 SDP45 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



Era: 1967+

### Without Sound

- |           |                    |
|-----------|--------------------|
| ATHG63606 | HO SDP45, SP #3202 |
| ATHG63607 | HO SDP45, SP #3205 |
| ATHG63608 | HO SDP45, SP #3207 |
| ATHG63609 | HO SDP45, SP #3209 |

### With Sound

- |           |                                  |
|-----------|----------------------------------|
| ATHG63706 | HO SDP45 w/DCC & Sound, SP #3202 |
| ATHG63707 | HO SDP45 w/DCC & Sound, SP #3205 |
| ATHG63708 | HO SDP45 w/DCC & Sound, SP #3207 |
| ATHG63709 | HO SDP45 w/DCC & Sound, SP #3209 |

### SP FEATURES:

- As-built SP-version SDP45
- Carbody with correct walkway light placement for walkway water fill step-ups
- Correct placement of walkway water fills
- SP-version steam generator hatch and vent
- Icicle breakers front and rear
- Tall SP plow with steam line door
- Front angled coupler cut lever
- Boiler water transfer hoses front and rear
- Front drop step
- Front MU stand with field loop receptacle
- Nose top vent
- "L"-window cab
- Roof mounted bell
- Rectangular cab vents
- Full front SP light package
- Cab gyalight – effect with DCC+Sound
- Red Nose UDE light – effect with e-stop application DCC+Sound
- Sunshades
- Nathan P3 air horn
- Round base whip antenna
- Extended range dynamic brake
- Flat long hood end
- Rear pilot mounted MU receptacle
- Rear early coupler lever
- 5000 gallon fuel and water tank
- Flexicoil-C Trucks with high/low brake cylinders and Hyatt bearings

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

These items are subject to Horizon's MAP policy  
\* Union Pacific Licensed Product



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

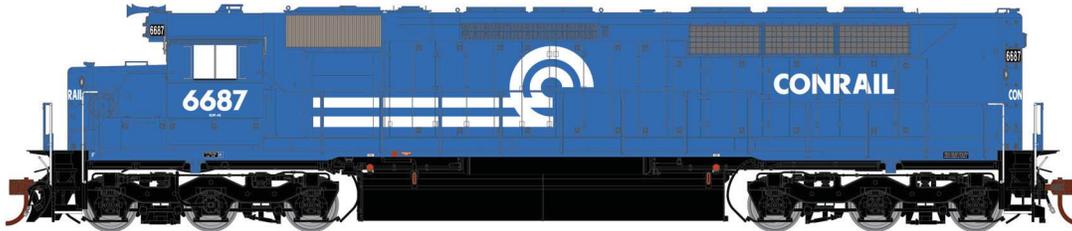


# HO EMD SDP45 Diesel

Announced 9.28.18  
Orders Due: 10.26.18

ETA: September 2019

## Conrail



Era: 1976+

### Without Sound

ATHG63611	HO SDP45, CR #6681
ATHG63612	HO SDP45, CR #6687
ATHG63613	HO SDP45, CR #6694

### With Sound

ATHG63711	HO SDP45 w/DCC & Sound, CR #6681
ATHG63712	HO SDP45 w/DCC & Sound, CR #6687
ATHG63713	HO SDP45 w/DCC & Sound, CR #6694

### CR FEATURES:

- Low profile roof details: dust bin hatch, dynamic brake fans, exhaust stack, engine compartment "T" vent, and radiator fans
  - Leslie SU-3L-R air horn mounted on low clearance bracket
  - Cab signal box
  - Rectangular grid radiator intake grilles
- #6681:**
- Dual control stands
  - Front and rear MU hose catch tray with bottom reinforcing strip
- #6687 and #6694:**
- Single control stand
  - Front standard EMD low snowplow
  - Rear MU hose catch tray with bottom reinforcing strip

## Morrison Knudsen Corporation



Primed for Grime



Primed for Grime

Era: 1990+

### Without Sound

ATHG63587	HO SDP45, MKCX #9510
ATHG63588	HO SDP45, MKCX #9511
ATHG63589	HO SDP45, MKCX #9514
ATHG63590	HO SDP45, MKCX #9515

### With Sound

ATHG63687	HO SDP45 w/DCC & Sound, MKCX #9510
ATHG63688	HO SDP45 w/DCC & Sound, MKCX #9511
ATHG63689	HO SDP45 w/DCC & Sound, MKCX #9514
ATHG63690	HO SDP45 w/DCC & Sound, MKCX #9515

### MKCX FEATURES:

- Perfect for the TankTrain!
- Former EL freight service SDP45 (SD45M)
- Each roadnumber Primed for Grime with unique patches & markings
- Low profile roof details: dust bin hatch, dynamic brake fans, exhaust stack, engine compartment "T" vent, and radiator fans
- Leslie SU-3L-R air horn mounted on low clearance bracket
- 5,000 gallon fuel tank
- Frame mounted bell
- Flexicoil-C Trucks with high brake cylinders and Hyatt bearings

Morrison-Knudsen was a major leaser of secondhand locomotives in the 80s and 90s. During this time, a group of ex-Conrail SDP45s were on the lease roster. MK acquired these former CR SDP45s from VMV and they were leased to a variety of railroads including the SP until 1996.

Although many of the former EL/CR SDP45s were rebuilt into SD40M-2s, a few were not, and left as-is for the remainder of their service throughout the western United States.

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

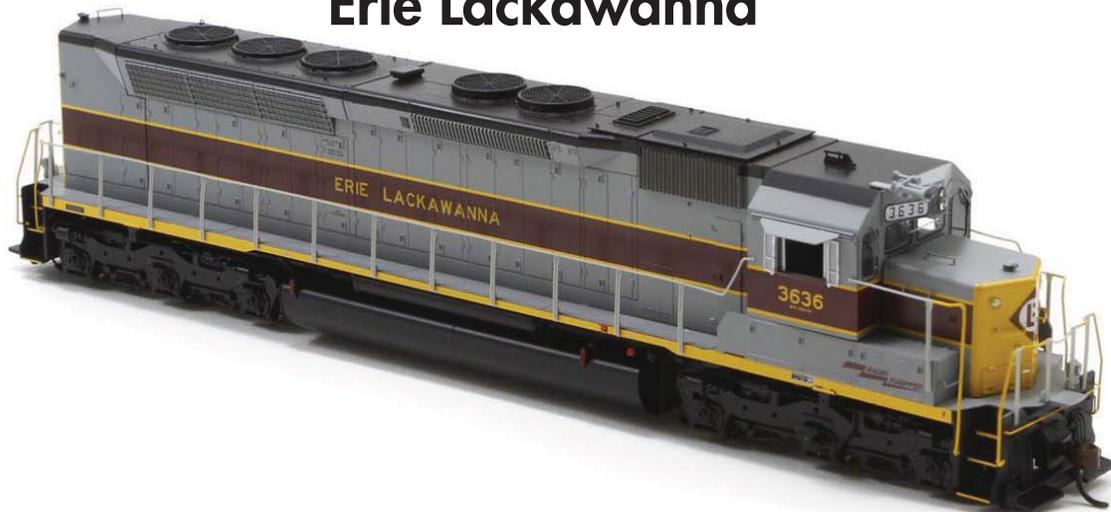


# HO EMD SDP45 Diesel

Announced 9.28.18  
Orders Due: 10.26.18

ETA: September 2019

## Erie Lackawanna



Era: 1969+

### Without Sound

- ATHG63598 HO SDP45, EL #3636
- ATHG63599 HO SDP45, EL #3641
- ATHG63600 HO SDP45, EL #3648
- ATHG63601 HO SDP45, EL #3650

### With Sound

- ATHG63698 HO SDP45 w/DCC & Sound, EL #3636
- ATHG63699 HO SDP45 w/DCC & Sound, EL #3641
- ATHG63700 HO SDP45 w/DCC & Sound, EL #3648
- ATHG63701 HO SDP45 w/DCC & Sound, EL #3650

The Erie Lackawanna Railroad ordered 34 SD45Ms in 1969 and 1970. Intended for freight service, these units had standard (angled) long hood ends, the extra space aft of the radiators had concrete ballast. Their longer frames permitted a larger fuel tank which gave the locomotives a greater range between fuel stops.

This page is based on the copyrighted Wikipedia article "SDP45" [https://en.wikipedia.org/wiki/EMD\\_SDP45](https://en.wikipedia.org/wiki/EMD_SDP45); it is used under the Creative Commons Attribution-ShareAlike 3.0 Unported License (CC-BY-SA) <https://en.wikipedia.org/wiki/Wikipedia:CCBYSA>. You may redistribute it, verbatim or modified, providing that you comply with the terms of the CC-BY-SA.

### EL FEATURES:

- As-built EL freight service SDP45 (SD45M)
- Low profile roof details: dust bin hatch, dynamic brake fans, exhaust stack, engine compartment "T" vent, and radiator fans
- Leslie SU-3L-R air horn mounted on low clearance bracket
- Front and rear MU hose catch tray with bottom reinforcing strip
- Trainline, and 3-hose MU clusters with silver ends
- Front and rear deck-mounted MU stands
- Front and rear early "straight" coupler cut levers
- Dual single louver battery box doors and sub-base doors with stiffener rib
- Standard "35-Line" cab with armrests and sunshade tracks
- Low profile standard range dynamic brake housing with retrofitted side vents
- Rectangular grid radiator intake grilles
- 5,000 gallon fuel tank
- Frame mounted bell
- Flexicoil-C Trucks with brake cylinder position per prototype and Hyatt bearings

w/o Sound \$209.98<sub>SRP</sub> With **Tsunami** Sound \$299.98<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 EMD SDP45 Diesel

Announced 9.28.18  
Orders Due: 10.26.18

ETA: September 2019

## Great Northern



Era: 1967-1970

### Without Sound

ATHG63602	HO SDP45, GN #326
ATHG63603	HO SDP45, GN #329
ATHG63604	HO SDP45, GN #331
ATHG63605	HO SDP45, GN #332

### With Sound

ATHG63702	HO SDP45 w/DCC & Sound, GN #326
ATHG63703	HO SDP45 w/DCC & Sound, GN #329
ATHG63704	HO SDP45 w/DCC & Sound, GN #331
ATHG63705	HO SDP45 w/DCC & Sound, GN #332

### GN FEATURES:

- As-built GN-version SDP45
- Carbody with correct walkway light placement for water fill step-ups
- Correct placement of walkway water fills • Great Northern signboards mounted on the handrails
- GN-version steam generator hatch and exhaust • EMD low snowplow with steam line door
- Early "straight" coupler cut levers
- 4-hose MU hose clusters
- Boiler water transfer hoses front and rear
- Front short MU stand
- Illuminated Western-Cullen beacon effect with DCC+Sound
- No sunshades
- Leslie S3LR air horn
- Firecracker antenna
- Standard-range dynamic brake
- Winterization hatch
- Rear pilot mounted MU receptacle
- 5000 gallon fuel + water tank
- Flexicoil-C Trucks with high/low brake cylinders and Hyatt bearings
- Dual end sanding lines

The Great Northern Railway purchased eight SDP45s in 1967 to replace F-units on the Empire Builder. Normally paired back-to-back, they were also used singly leading F-units. These joined six smaller SDP40 locomotives ordered in 1966 for the Western Star. After the startup of Amtrak in 1971, Great Northern Railway successor Burlington Northern Railroad converted all fourteen SDP locomotives to freight service.

This page is based on the copyrighted Wikipedia article "SDP45" [https://en.wikipedia.org/wiki/EMD\\_SDP45](https://en.wikipedia.org/wiki/EMD_SDP45); it is used under the Creative Commons Attribution-ShareAlike 3.0 Unported License (CC-BY-SA) <https://en.wikipedia.org/wiki/Wikipedia:CCBYSA>. You may redistribute it, verbatim or modified, providing that you comply with the terms of the CC-BY-SA.

**w/o Sound \$209.98<sub>SRP</sub> With  Sound \$299.98<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 EMD SDP45 Diesel

## All Road Names

Announced 9.28.18  
**Orders Due: 10.26.18**  
ETA: September 2019



### SOUND EQUIPPED MODELS ALSO FEATURE:

- Onboard DCC decoder with SoundTraxx Tsunami2 decoder
- 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 the box
- 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 #Ready2Rust
- Patches applied and shaped per road number matching each corresponding side to the prototype
- Perfect starting point for adding grime and rust



### PROTOTYPE INFO:

In the 1960s, railroads were looking to replace aging EMD E-units and Alco PAs for passenger service. EMD responded by adding a steam generator compartment to the long hood end of their SD45. This required a longer frame and resulted in the creation of the SDP45. Three railroads originally purchased SDP45s: Southern Pacific, Great Northern, and Erie Lackawanna. Over the decades, the SDP45s were then acquired by other railroads through mergers, leasing companies, and rebuild programs.

### 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 realistic appearance
- 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”



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

These items are subject to Horizon's MAP policy  
\* Union Pacific Licensed Product



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