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

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.

2nd chance, pre-orders carry over

<table>
<thead>
<tr>
<th>Without Sound</th>
<th>With Sound</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATHG63606</td>
<td>ATHG63706</td>
</tr>
<tr>
<td>ATHG63607</td>
<td>ATHG63707</td>
</tr>
<tr>
<td>ATHG63608</td>
<td>ATHG63708</td>
</tr>
<tr>
<td>ATHG63609</td>
<td>ATHG63709</td>
</tr>
<tr>
<td>ATHG63620</td>
<td>ATHG63720</td>
</tr>
<tr>
<td>ATHG63621</td>
<td>ATHG63721</td>
</tr>
</tbody>
</table>

**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 gyrallight – 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

**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

These items are subject to Horizon’s MAP policy

w/o Sound $209.98 SRP With *Tsunami* Sound $299.98 SRP

* Union Pacific Licensed Product
**HO EMD SDP45 Diesel**

**Orders Due: 3.22.19**

**ETA: December 2019**

**Morrison-Knudsen Corporation**

**Conrail**

**Without Sound**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATHG63610</td>
<td>HO SDP45, CR #6670</td>
<td>ATHG63710</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6670</td>
</tr>
<tr>
<td>ATHG63611</td>
<td>HO SDP45, CR #6681</td>
<td>ATHG63711</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6681</td>
</tr>
<tr>
<td>ATHG63612</td>
<td>HO SDP45, CR #6674</td>
<td>ATHG63712</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6677</td>
</tr>
<tr>
<td>ATHG63614</td>
<td>HO SDP45, CR #6671</td>
<td>ATHG63714</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6671</td>
</tr>
<tr>
<td>ATHG63615</td>
<td>HO SDP45, CR #6680</td>
<td>ATHG63715</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6680</td>
</tr>
<tr>
<td>ATHG63616</td>
<td>HO SDP45, CR #6687</td>
<td>ATHG63716</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6687</td>
</tr>
</tbody>
</table>

**With Sound**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATHG63610</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6670</td>
<td>ATHG63710</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6670</td>
</tr>
<tr>
<td>ATHG63611</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6681</td>
<td>ATHG63711</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6681</td>
</tr>
<tr>
<td>ATHG63612</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6677</td>
<td>ATHG63712</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6677</td>
</tr>
<tr>
<td>ATHG63614</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6671</td>
<td>ATHG63714</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6671</td>
</tr>
<tr>
<td>ATHG63615</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6680</td>
<td>ATHG63715</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6680</td>
</tr>
<tr>
<td>ATHG63616</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6687</td>
<td>ATHG63716</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6687</td>
</tr>
</tbody>
</table>

**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
- Pilot details per prototype road number-
  snowplow, MU hose catch tray, or blank pilot
- Single or dual control stand
- Low or standard height fans on dynamic
  brake hatch, reflecting components replaced during shop visits

**With Sound**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATHG63610</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6670</td>
<td>ATHG63710</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6670</td>
</tr>
<tr>
<td>ATHG63611</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6681</td>
<td>ATHG63711</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6681</td>
</tr>
<tr>
<td>ATHG63612</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6677</td>
<td>ATHG63712</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6677</td>
</tr>
<tr>
<td>ATHG63614</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6671</td>
<td>ATHG63714</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6671</td>
</tr>
<tr>
<td>ATHG63615</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6680</td>
<td>ATHG63715</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6680</td>
</tr>
<tr>
<td>ATHG63616</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6687</td>
<td>ATHG63716</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6687</td>
</tr>
</tbody>
</table>

**With Sound**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATHG63610</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6670</td>
<td>ATHG63710</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6670</td>
</tr>
<tr>
<td>ATHG63611</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6681</td>
<td>ATHG63711</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6681</td>
</tr>
<tr>
<td>ATHG63612</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6677</td>
<td>ATHG63712</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6677</td>
</tr>
<tr>
<td>ATHG63614</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6671</td>
<td>ATHG63714</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6671</td>
</tr>
<tr>
<td>ATHG63615</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6680</td>
<td>ATHG63715</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6680</td>
</tr>
<tr>
<td>ATHG63616</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6687</td>
<td>ATHG63716</td>
<td>HO SDP45 w/DCC &amp; Sound, CR #6687</td>
</tr>
</tbody>
</table>

**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
- Front and rear MU hose catch tray with bottom reinforcing strip
- Single control stand
- Front standard EMD low snowplow
- Rear MU hose catch tray with bottom reinforcing strip
- Dual control stands
- Low or standard height fans on dynamic brake hatch, reflecting components replaced during shop visits

**Primed for Grime**

- 2nd chance, orders carry over
- New Road Numbers

**2nd chance, pre-orders carry over**

**2nd chance, pre-orders carry over**

$10 Donation to Extra3639 North

**Morrison-Knudsen was a major lessee 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.**

**w/o Sound $209.98SRP** With **Tsunami2 Sound $299.98SRP**

These items are subject to Horizon’s MAP policy
HO EMD SDP45 Diesel

Erie Lackawanna

Announced 2.22.19
Orders Due: 3.22.19
ETA: December 2019

2nd chance, pre-orders carry over
+$10 Donation to Extra3639 North
New Road Numbers

ATHG36390 HO SDP45, EL #3639
ATHG63598 HO SDP45, EL #3636
ATHG63599 HO SDP45, EL #3641
ATHG63600 HO SDP45, EL #3648
ATHG63601 HO SDP45, EL #3650
ATHG63617 HO SDP45, EL #3637
ATHG63618 HO SDP45, EL #3642
ATHG63619 HO SDP45, EL #3653

ATHG03639 HO SDP45 w/DCC & Sound, EL #3639
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
ATHG63717 HO SDP45 w/DCC & Sound, EL #3637
ATHG63718 HO SDP45 w/DCC & Sound, EL #3642
ATHG63719 HO SDP45 w/DCC & Sound, EL #3653

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

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; it is used under the Creative Commons Attribution-ShareAlike 3.0 Unported License (CC-BY-SA). You may redistribute it, verbatim or modified, providing that you comply with the terms of the CC-BY-SA.

w/o Sound $209.98 SRP
With Tsunami2 Sound $299.98 SRP

These items are subject to Horizon’s MAP policy

Visit Your Local Retailer | Visit www.athearn.com | Call 1.800.338.4639
HO EMD SDP45 Diesel

Great Northern

Announced 2/22/19
Orders Due: 3/22/19
ETA: December 2019

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

2nd chance, pre-orders carry over

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

2nd chance, pre-orders carry over

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

w/o Sound $209.98SRP With Tsunami®2 Sound $299.98SRP

These items are subject to Horizon’s MAP policy

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; it is used under the Creative Commons Attribution-ShareAlike 3.0 Unported License (CC-BY-SA). You may redistribute it, verbatim or modified, providing that you comply with the terms of the CC-BY-SA.
HO EMD SDP45 Diesel
All Road Names

Announced 2.22.19
Orders Due: 3.22.19
ETA: December 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

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”

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:
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.

w/o Sound $209.98SRP With Tsunami2 Sound $299.98SRP
These items are subject to Horizon’s MAP policy

Visit Your Local Retailer | Visit www.athearn.com | Call 1.800.338.4639