



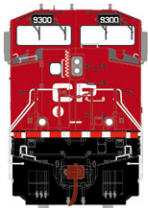
HO SD90MAC-H Phase II Diesel

Announced 3.29.19
Orders Due: 5.17.19

ETA: March 2020

Canadian Pacific

GENESIS 2.0 FEATURES:
SEE-THROUGH PILOT STEPS,
LIT NUMBERBOARDS & GROUND LIGHTS



Era: 1999+

Without Sound

- ATHG27230 HO SD90MAC-H Phase II, CP #9300
- ATHG27231 HO SD90MAC-H Phase II, CP #9301
- ATHG27232 HO SD90MAC-H Phase II, CP #9302
- ATHG27233 HO SD90MAC-H Phase II, CP #9303

With Sound

- ATHG27330 HO SD90MAC-H Phase II w/DCC & Sound, CP #9300
- ATHG27331 HO SD90MAC-H Phase II w/DCC & Sound, CP #9301
- ATHG27332 HO SD90MAC-H Phase II w/DCC & Sound, CP #9302
- ATHG27333 HO SD90MAC-H Phase II w/DCC & Sound, CP #9303

CP FEATURES:

- Cab side rain gutters in place of sunshades
- No blue flag holders on engineers side of cab
- CP raised walkway grates for snow service
- CP specific roof antennas
- Air dryer with relocated fuel tank bracket on engineer side rear corner of fuel tank per CP prototype
- CP specific MU receptacle locations
- Nose door with window
- As delivered strut placement on truck sideframes



w/o Sound \$249.98_{SRP} With **Tsunami²** Sound \$339.98_{SRP}

These items are subject to Horizon's MAP policy



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



HO SD90MAC-H Phase II Diesel

Announced 3.29.19
Orders Due: 5.17.19

ETA: March 2020

Fortescue Metals Group



Era: 2005+

Without Sound

- ATHG27234 HO SD90MAC-H Phase II, FMG #901
- ATHG27235 HO SD90MAC-H Phase II, FMG #902
- ATHG27236 HO SD90MAC-H Phase II, FMG #903
- ATHG27237 HO SD90MAC-H Phase II, FMG #904

With Sound

- ATHG27334 HO SD90MAC-H Phase II w/DCC & Sound, FMG #901
- ATHG27335 HO SD90MAC-H Phase II w/DCC & Sound, FMG #902
- ATHG27336 HO SD90MAC-H Phase II w/DCC & Sound, FMG #903
- ATHG27337 HO SD90MAC-H Phase II w/DCC & Sound, FMG #904

FMG FEATURES:

- Former Union Pacific locomotives repainted in Australia, retaining 265H prime mover
- Safety guard in middle of handrails per Australian practice
- Pilot electrical junction boxes per prototype
- Dual trainline air hoses per FMG practice
- Modified strut placement on truck sideframes



w/o Sound \$249.98_{SRP} With **Tsunami²** Sound \$339.98_{SRP}

These items are subject to Horizon's MAP policy



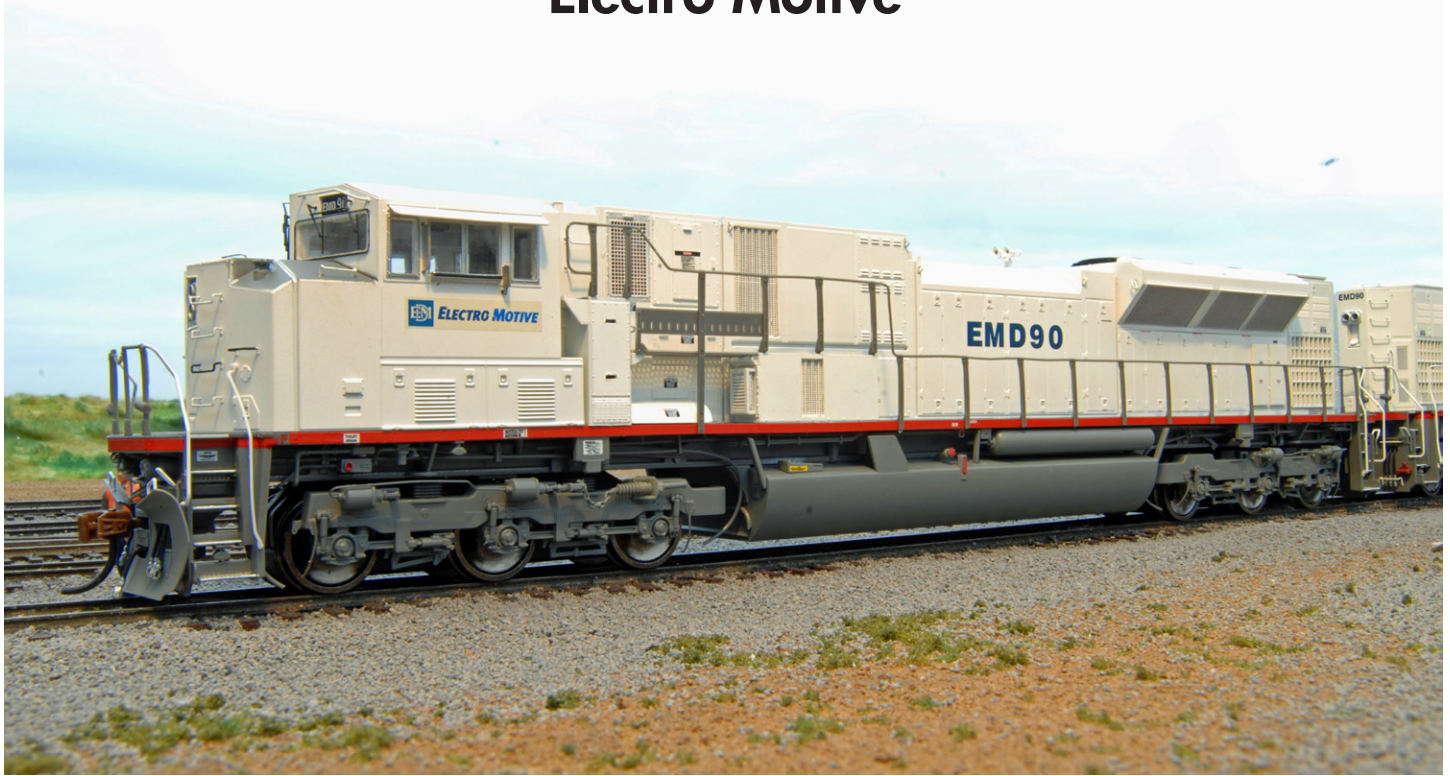
Visit Your Local Retailer | Visit www.athearn.com | Call 1.800.338.4639



HO SD90MAC-H Phase II Diesel Electro Motive

Announced 3.29.19
Orders Due: 5.17.19

ETA: March 2020



Era: 1998+

Without Sound

ATHG27238

HO SD90MAC-H Phase II, EMDX #90

With Sound

ATHG27338

HO SD90MAC-H Phase II w/DCC & Sound, EMDX #90

EMDX FEATURES:

- Demonstrator unit has 3 fans on radiator housing
- Nose door with window
- Demonstrator specific fuel tank per prototype
- Pilot mounted ditch lights
- As delivered strut placement on truck sideframes



w/o Sound \$249.98_{SRP} With **Tsunami²** Sound \$339.98_{SRP}

These items are subject to Horizon's MAP policy



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

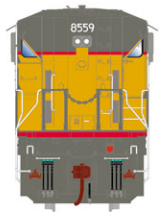


HO SD90MAC-H Phase II Diesel

Announced 3.29.19
Orders Due: 5.17.19

ETA: March 2020

Union Pacific*



Era: 1999+

Without Sound

- ATHG27226 HO SD90MAC-H Phase II, UP #8522
- ATHG27227 HO SD90MAC-H Phase II, UP #8531
- ATHG27228 HO SD90MAC-H Phase II, UP #8537
- ATHG27229 HO SD90MAC-H Phase II, UP #8559

With Sound

- ATHG27326 HO SD90MAC-H Phase II w/DCC & Sound, UP #8522
- ATHG27327 HO SD90MAC-H Phase II w/DCC & Sound, UP #8531
- ATHG27328 HO SD90MAC-H Phase II w/DCC & Sound, UP #8537
- ATHG27329 HO SD90MAC-H Phase II w/DCC & Sound, UP #8559

UP FEATURES:

- Antenna dome on cab roof per prototype
- blue flag holders on engineers side of cab nose
- Nose door no window
- Cab side long style sun shades
- As delivered strut placement on truck sideframes



w/o Sound \$249.98_{SRP} With **Tsunami²** Sound \$339.98_{SRP}

These items are subject to Horizon's MAP policy

* Union Pacific Licensed Product



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



HO SD90MAC-H Phase II Diesel

Announced 3.29.19
Orders Due: 5.17.19

ETA: March 2020

All Railroads

SOUND EQUIPPED MODELS ALSO FEATURE

- Onboard DCC+Sound models have full-feature Tsunami2 sound decoder with EMD 265H prime mover sounds by SoundTraxx
- 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
- 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

During the mid-1990's, the horsepower race was in full swing between General Electric and GM's Electro-Motive Division. Starting in 1995, EMD revived the 20 cylinder engine design, last seen in the SD45, and introduced the 5,000HP SD80MAC. GE soon responded with the 6,000HP 7HDL prime mover in their AC6000CW locomotive. EMD answered back with the GM16V265H 4-stroke diesel engine with a similar 6,000HP output. Thus, the SD90MAC-H was born.



Photos depict pre-production deco sample models; production versions will feature many refinements. Customers are invited to present feedback.*

LOCOMOTIVE FEATURES:

- Brand new model previously only available in brass
- 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, photographs, and more
- Accurately-painted and -printed paint schemes
- Coupler cut levers
- Rubber 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



GENESIS 2.0 FEATURES:

- By integrating and pioneering some of the latest model advancements in the industry, Athearn is redefining model fidelity with Genesis 2.0.
- Etched, see-through walkway steps
 - Illuminated number boards
 - Illuminated ground lights
 - DCC+Sound models feature dual Sugarcube speakers for optimal sound quality



w/o Sound \$249.98_{SRP} With **Tsunami2** Sound \$339.98_{SRP}

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



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