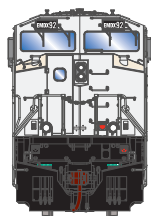


NEW MODEL!

Electro Motive Division



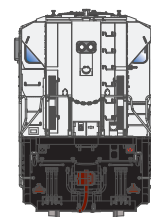
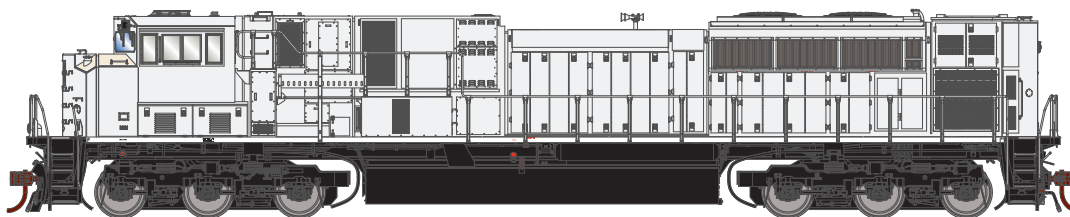
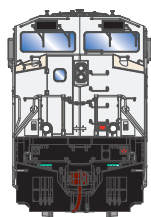
SD89MAC, EMDX #92

without Sound ATHG-1051
with Sound ATHG-1053

EMDX FEATURES:
• Unique SD89MAC body with twin exhaust stacks and multi-panel radiator grills

Era: 2000+

Painted - Unlettered



SD89MAC, Unlettered

without Sound ATHG-1052
with Sound ATHG-1054

FEATURES:
• Same details as EMDX 92 (ATHG-XXXX)
• Painted and unlettered - great starting point for freelanced paint schemes!

Era: 2022+

\$249.99 w/o SOUND | \$349.99 w/ Tsunami² SOUND

These items are subject to Horizon's MAP policy

Orders Due: 10.06.23
ETA: JANUARY 2025



VISIT Your Local Retailer
CLICK Athearn.com
CALL 1.800.338.4639

All Road Names

SOUND-EQUIPPED MODELS ALSO FEATURE

- Onboard DCC decoder with SoundTraxx Tsunami2 sound
- Dual cube speakers for optimal sound quality
- 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

EMD has built many well known and iconic locomotives like the GP7 and SD40-2. Through its history EMD has also designed many models that never left the drafting board with notable examples being the SD30, GP50T, and DD40A. There have also been rare models that were built and tested, but resulted in barely, if any orders like the SD45X, SD60MAC, and this model, the SD89MAC. While ultimately unsuccessful in sales, these models did advance technology. The SD45X was a test bed of the Dash 2 electronics. The SD60MAC refined alternating current used in the popular SD70MAC. The SD89MAC was EMDs planned replacement for aging SD70s and the technology contained within evolved into the SD70ACe-T4.

EMD historical will subtract one digit from a model number to represent a 12-cylinder version of that model. While SD90MAC-H was built in the quest for a 6000hp locomotive with the twin turbo 16-cylinder 265H motor, the SD89MAC is the 12-cylinder, 4500hp version of that locomotive. By the time that EMD solved the early issues with the four stroke 265H motor, railroads had lost interest in high horsepower locomotives. The more fuel efficient 12 cylinder with the addition of a third turbocharger, being re-named instead of the 265mm cylinder bore to the 1,010 cubic inch displacement, became the 1010J motor used in today's Tier-4 locomotives.

Being built from many of the same components and configurations as an SD90MAC, only a few modifications were required for Athearn to accurately depict this unique locomotive and join the stable of SD90 derivatives Athearn is already offering. While the single example of the SD89MAC still exists today, it no longer has the same appearance as it has served as a test bed for additional technologies.

SD89MAC SERIES LOCOMOTIVE FEATURES:

- Flexible rubber trainline hose
- Etched see-through steps
- Lit Number Boards & Truck Lights
- Coupler cut levers
- Trainline hose
- Full cab interior
- Windshield wipers
- DCC-ready features Quick Plug™ plug-and-play technology with 21-pin NEM connector
- Fine-scale Celcon handrails for scale appearance
- Detailed fuel tank with fuel fillers, fuel gauges, and breather pipes
- 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
- LED Lighting for realistic appearance
- Heavy die-cast frame for greater traction and more pulling power
- Scaled from prototype resources including drawings, field measurements, photographs, and more
- Accurately-painted and -printed paint schemes
- Fully-assembled and ready-to-run
- Packaging securely holds the model for safe storage
- Minimum radius: 18" — Recommended radius: 22"
- Flexible rubber MU hoses
- Lift rings
- Sander lines
- See-through cab windows
- Walkway tread
- Wire grab irons



\$249.99 w/o SOUND | \$349.99 w/ Tsunami² SOUND

These items are subject to Horizon's MAP policy

Orders Due: 10.06.23

ETA: JANUARY 2025

VISIT Your Local Retailer
CLICK Athearn.com
CALL 1.800.338.4639