



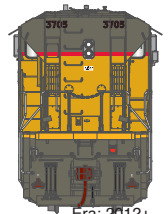
GENESIS HO SD90MAC Locomotive

Announced 05.28.21
Orders Due: 06.25.21
ETA: June 2022

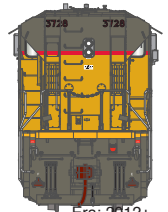
Union Pacific*



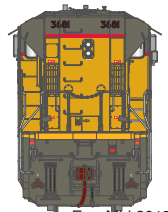
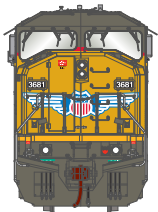
Photo Credit: Craig Walker



Era: 2012+



Era: 2012+



Era: Mid 2015+

	without Sound	with Sound
UP #3705	ATHG27253	ATHG27353
UP #3770	ATHG27254	ATHG27354
UP #3728	ATHG27255	ATHG27355
UP #3681	ATHG27256	ATHG27356

UP FEATURES:

- As renumbered to 3470-3775 in 2012
- 3681 as repainted with flag, June 2015
- EOTD holder between starter capacitor box and fuel gauge
- Front only ditch lights mounted on pilot face
- Both Cab door options, with and without window
- Union Pacific specific cab antennas

Union Pacific was the largest buyer of the SD90MAC with 309 units total; the railroad designation was SD9043AC as they were delivered with the 710G engine rated at 4300hp. Taking delivery of the first locomotives in 1995 and the last in 1999; originally numbered in the 8000 series, these locomotives were renumbered in 2012 and some are still on UP's roster. 3681 is one of only a few SD90MACs to receive the flag paint scheme.



\$259.99 w/o SOUND | \$349.99 w/ Tsunami² SOUND

ATHEARN

VISIT Your Local Retailer
 CLICK Athearn.com
 CALL 1.800.338.4639



These items are subject to Horizon's MAP policy

* Union Pacific Licensed Product



GENESIS HO SD90MAC Locomotive

Announced 05.28.21
Orders Due: 06.25.21

ETA: June 2022

Canadian Pacific



Era: 1998+

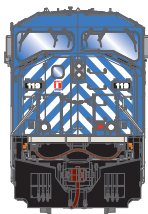
	without Sound	with Sound
CP #9112	ATHG27257	ATHG27357
CP #9139	ATHG27258	ATHG27358
CP #9144	ATHG27259	ATHG27359

CP FEATURES:

- CP-specific cab and access doors
- Front only ditch lights mounted above the walkway
- As per prototype, ground light only on engineer side.
- Raised walkways for snow management
- Dual trainlines
- No blue flag holders on engineer's side of cab
- CP Golden Beaver paint scheme

Canadian Pacific purchased 60 SD90MAC's with delivery beginning in 1998. Their purpose was to pull freight between Ontario and British Columbia. The entire fleet has been rebuilt into SD70ACu's as of 2020.

CIT Group



Era: 2008+

	without Sound	with Sound
CEFX #119	ATHG27260	ATHG27360
CEFX #133	ATHG27261	ATHG27361
CEFX #136	ATHG27262	ATHG27362

CEFX FEATURES:

- Front and rear ditch lights mounted above the walkway
- Different air horn types per prototype road number
- Bluebird paint scheme

Originally built in 1999, this order consisted of 40 units in total. They were originally painted in a maroon-and-grey scheme and could be found in lease service as far as British Columbia and Oregon. Recently, several units were acquired by or leased to other railroads, while the "Bluebird" paint scheme was applied to #s 105, 119, 130, 133, and 136.



Building on a rich tradition started in 1946, the Athearn® brand is home to the hobby's best-loved models. Athearn has brought the joy of model railroading to you for 75 years, starting from our classic 'Blue-Box' kits to our most recent Genesis® 2.0 line. With accurate detailing and painting, Athearn is the brand that any hobbyist is proud to own and operate. No matter your era or favorite railroad, Athearn truly is "Trains in Miniature."



\$259.99 w/o SOUND | \$349.99 w/ Tsunami2 SOUND

ATHEARN

VISIT Your Local Retailer
 CLICK Athearn.com
 CALL 1.800.338.4639



These items are subject to Horizon's MAP policy

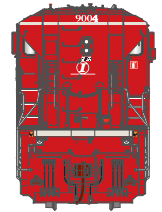
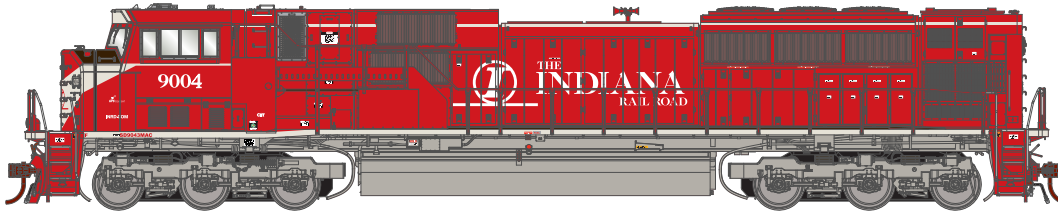
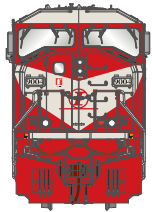


GENESIS HO SD90MAC Locomotive

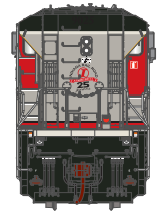
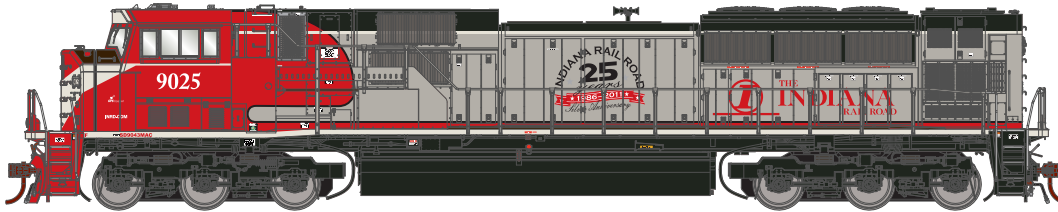
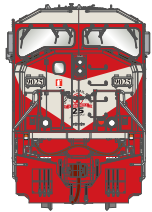
Announced 05.28.21
Orders Due: 06.25.21

ETA: June 2022

Indiana Railroad



Era: 2008+



Era: 2010+

	without Sound	with Sound
INRD #9004	ATHG27263	ATHG27363
INRD #9013	ATHG27264	ATHG27364
INRD #9025	ATHG27265	ATHG27365

INRD FEATURES:

- Former CEFX units; major spotting featured remain
- #9025 features special "warbonnet" 25th Anniversary paint
- EOTD above left rear of fuel tank.

Indiana Railroad has 15 SD90MACs on long term lease from CIT group. 4 of the 10 units sent to NS from CIT group came from INRD. Currently the fleet wears the attractive red & white scheme applied to most Indiana Railroad units, while #9025 wears special "25th Anniversary" paint.



Photo Credit: Brian Marsh



\$259.99 w/o SOUND | \$349.99 w/ Tsunami² SOUND

ATHEARN

 VISIT Your Local Retailer
 CLICK Athearn.com
 CALL 1.800.338.4639



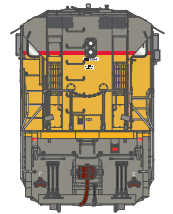
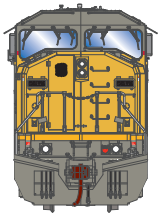
These items are subject to Horizon's MAP policy



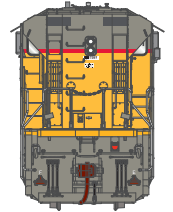
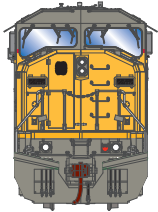
GENESIS HO SD90MAC Locomotive

Announced 05.28.21
Orders Due: 06.25.21
ETA: June 2022

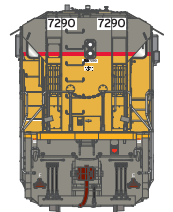
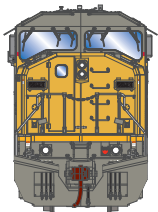
Norfolk Southern*



Era: 2014-2016



Era: 2014-2016



Era: 2014-2016



NS #7264
NS #7287
NS #7290

without Sound	with Sound
ATHG27266	ATHG27366
ATHG27267	ATHG27367
ATHG27268	ATHG27368

NS FEATURES:

- Primed for Grime
- Patches match prototype deletion of UP reporting marks
- Different patch shapes, paint color, & slogans per road number
- Former UP units; major spotting details remain the same
- EOTD above left rear of fuel tank

This group consisted of 110 second-hand units in total, 100 coming from UP and 10 from CEFX. Purchased with rebuilding into SD70ACu's in mind, but were used in service as-is for a time before being rebuilt.



Photo Credit: Craig Walker



PRIMED FOR GRIME \$269.99 w/o SOUND | \$359.99 w/ Tsunami² SOUND

ATHEARN

VISIT Your Local Retailer
 CLICK Athearn.com
 CALL 1.800.338.4639



These items are subject to Horizon's MAP policy

* Union Pacific Licensed Product



GENESIS HO SD90MAC Locomotive

Announced 05.28.21
Orders Due: 06.25.21

ETA: June 2022

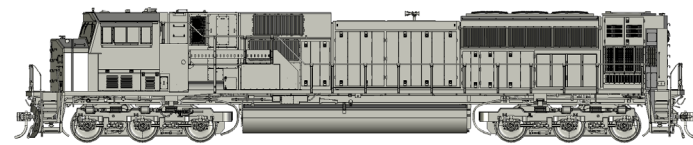
SOUND EQUIPPED MODELS ALSO FEATURE

- 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

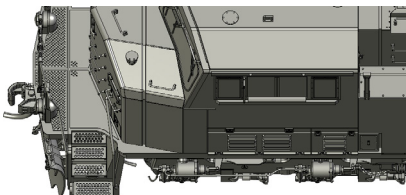
PROTOTYPE SPECIFIC INFORMATION

Introduced in 1995, the EMD SD90MAC was intended to become that builder's most-powerful single-engine diesel locomotive. The new locomotive was to use EMD's newly-developed 265H prime mover, featuring 6000 horsepower. However, this engine was experiencing technical problems in development, which led to the first groups of locomotives being delivered with the EMD 710G prime mover of 4300 horsepower (the intent being to retrofit these with the more-powerful 265H at a later date). Ironically, the technical problems with the 265H were never fully resolved, and no conversions were done. The 710G-engined SD90MACs outlasted their later 265H cousins in service by a wide margin, with some units only recently having been retired or sold by Union Pacific, and other railroads choosing to rebuild them for continued service.

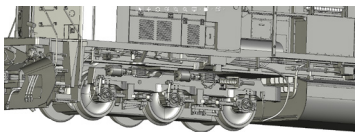
The Athearn Genesis 2.0 SD90MAC features all of the cutting-edge detail and operational features that are expected by discerning modelers: Working number boards and ground lights, see-through steps, numerous separately-applied details on the body and underframe, and a heavy die-cast frame for massive pulling power.



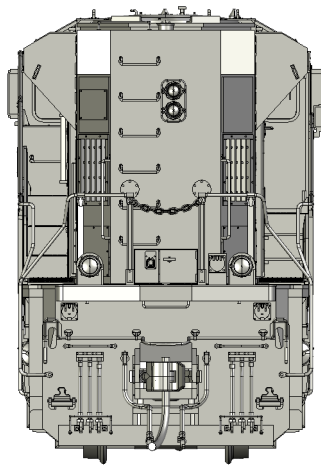
CP - Left Side



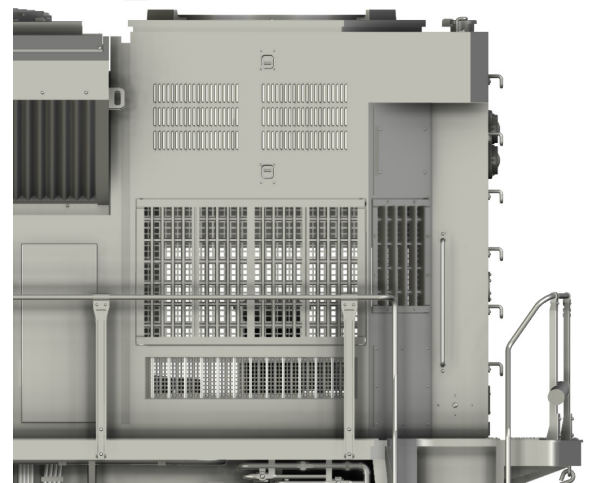
See-through Steps



Frame Detail



CEFX rear with ditch lights



Chicago Blower details inside see-through vents



\$259.99 w/o SOUND | \$349.99 w/ Tsunami2 SOUND

BRAND NEW GENESIS 2.0 TOOLING!

SD90MAC SERIES 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
- Accurately-painted and -printed paint schemes
- Scaled from prototype resources including drawings, photographs, and more
- Coupler cut levers
- Trainline hose
- Full cab interior
- Windshield wipers
- Wire grab irons
- Rubber MU hoses
- See through cab windows
- Walkway tread
- Lift rings
- Sander lines
- Fine-scale Celcon handrails for scale appearance
- Detailed fuel tank with fuel fillers, fuel gauges, & breather pipes
- McHenry® scale knuckle couplers - Kadee® compatible
- Genesis driveline with 5-pole skew wound motor, and precision machined flywheels
- 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

ATHEARN

VISIT Your Local Retailer
 CLICK Athearn.com
 CALL 1.800.338.4639



These items are subject to Horizon's MAP policy