

## Museum Collection: #900



Locomotive #900 was purchased in 1955 by Simpson Timber to start the replacement of the aging and increasingly expensive steam locomotives it had in Shelton. Locomotive 900 was built by the Electro Motive Division of General Motors or commonly referred to as EMD. It was the first diesel purchased by Simpson for their Shelton operation. Simpson gave it the number 900 which refers to the horsepower and model number SW900 of the locomotive. That horsepower is created by an 8 cylinder GM 567C diesel power plant. Old time engineers reported it could barely out pull Mallet #13 (the largest in the steam fleet). However it was a fair bit slower due to lower horsepower. The following year Simpson placed an order with EMD for two SW1200's. The 1200's were only reported able to pull on average of 3 more loads than the 900 but were not nearly as slow in doing so Today the 900 and sister 1200 rest in the care of the PRLM having never left the Simpson Timber Railroad. It eagerly waits for the day they can share Its only home of 63 years giving rides to the public. Being purchased for and never have left Simpsons Shelton operation it gives both engines a uniqueness in Railroad and lumber industry history. That is one of the reasons the PRLM was formed and its goal of preserving that history

# Museum Collection: #900

SEP • 68



## SW 900 SPEC SHEET

SOURCE: THEDIESELSHOP.US

ENGINE BUILDER: EMD ENGINE: 567C 8 CYLINDER  
BORE & STROKE 8.5" X 10"  
RPM (MAXIMUM / MINIMUM) 800 / 275  
MAIN GENERATOR: GM - D15C  
HORSEPOWER: 900  
GEAR RATIO: 62:15  
SPEED: 65 MPH  
TRUCKS: 4-WHEEL  
CONFIGURATION: B-B  
TRACTION MOTOR BLOWERS: MECHANICAL DRIVE (2)  
MODEL: GM  
WEIGHT: 230,000 LBS  
TRACTION MOTORS: GM - D37B (FOUR)  
TRACTIVE EFFORT (STARTING) 57,500 LBS @25%  
TRACTIVE EFFORT (CONTINUOUS): 36,000 LBS @ 11.0 MPH  
MULTIPLE UNIT CAPABILITY: OPTIONAL  
DYNAMIC BRAKING: YES  
AUXILIARY GENERATOR: GM  
ALTERNATOR: DELCO  
AIR BRAKE: WESTINGHOUSE  
MODEL: 26SL  
COMPRESSOR: GARDNER-DENVER  
MODEL: WXO  
QUANTITY BUILT: 357  
DATES: 1/1954 TO 11/1965

EXTERIOR DIMENSIONS SW900  
TOTAL LENGTH 44'-05"  
WHEEL DIAMETER 40"  
TRUCK WHEEL BASE 8'-00"  
HEIGHT TO TOP ENGINE HOOD 11'-9.5"  
HEIGHT TO TOP CAB 14'-06.5"  
CAB WIDTH 9'-11.5"  
TOP OF WALKWAY 4'-07.5"  
ENGINE HOOD WIDTH 7'-00"  
DISTANCE BETWEEN TRUCK CENTERS 22'-00"  
WHEEL BASE (LOCOMOTIVE) 30'-00"  
MINIMUM TURNING RADIUS 39 DEGREES

FUEL OIL: 600  
LUBRICATING OIL: 165  
ENGINE COOLING WATER: 230  
SAND CAPACITY: 28 CU. FT.