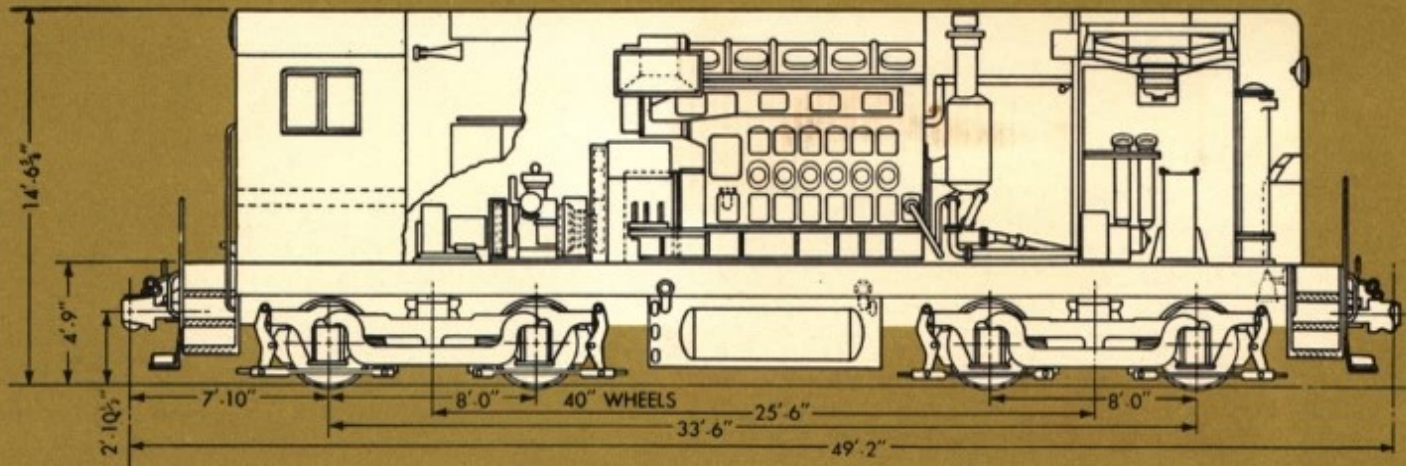


FAIRBANKS-MORSE

1200 HP

diesel locomotive





FAIRBANKS-MORSE 1200 HP diesel locomotive

SPECIFICATIONS

1200 HP Diesel Locomotive Model H12-44

SUPPLIES

Fuel oil	750 gals.
Lubricating oil	250 gals.
Engine cooling water	135 gals.
Sand	28 cu. ft.

AIR BRAKES

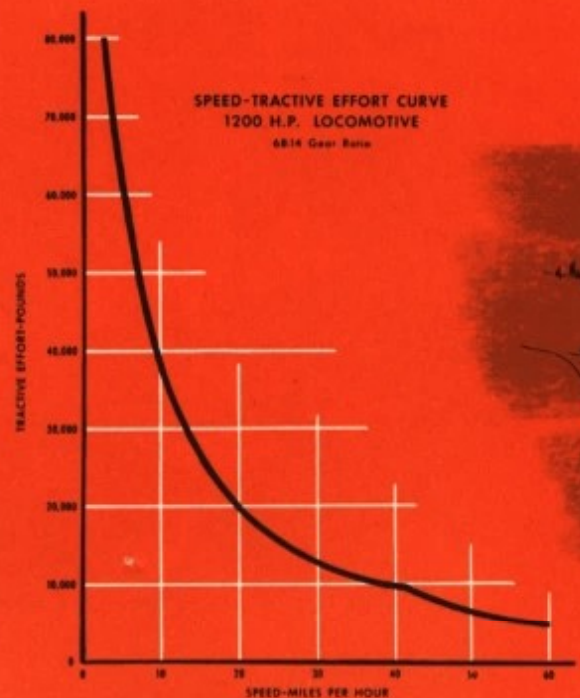
Air brake schedule	6-SL
Compressor displacement	260 cfm @ 850 rpm
Main reservoir capacity	60,000 cu. in.

WEIGHTS

Total fully loaded	220,000 or 246,000 lbs.
On Drivers	220,000 or 246,000 lbs.
Per axle	55,000 or 61,500 lbs.

PERFORMANCE

Starting tractive effort at 30% adhesion	66,000 or 73,800 lbs.
Gear ratio	68:14
Maximum speed	60 mph
Maximum continuous tractive effort	34,000 lbs.
Speed at maximum continuous tractive effort	11.3 mph
Minimum radius of curvature locomotive alone	100' (57°)
Minimum radius of curvature locomotive coupled to AAR 40'6" freight car	194.3' (29.5°)



INDUSTRY—U. S. STEEL



WHEAT HARVEST—MINNESOTA WESTERN

Spotlighted here are a few of the operations where the Fairbanks-Morse 1200 horsepower diesel locomotive has proven itself. In every section of the country — in every application — this locomotive has set records for versatility, reliability, high availability, economical operation, and minimum maintenance.

Powered by the six cylinder 1200 horsepower model of the famous Fairbanks-Morse opposed piston diesel engine, in every type of service — belt line, transfer, freight, humping, yard service or numerous other operations — this locomotive has performed the toughest jobs in steady round-the-clock service with such excellence that it has established operational standards for its type. Closely matching this superior performance record is a proven economy record of low fuel and lube oil consumption and low cost maintenance.

High weight on drivers for sure starting and accelerating, sturdy electrical equipment to deliver high continuous drawbar pull, large air compressor capacity for fast train charging, fastest throttle response . . . these are a few of the features that establish the H12-44 as the blue ribbon locomotive in its class . . . the biggest 1200 horsepower value available.

Short lines have found the H12-44 to be a trouble-free main stud of motive power on limited locomotive rosters. Industrial users appreciate the easy handling and nimble control features which assure close spotting for in-plant operations. Terminal and Belt Line companies rely on its dependable availability to meet tight schedules. Major railroads know that a fleet of Fairbanks-Morse 1200's does more work and costs less to operate than any other comparable group . . . both on the main line and in steady three-trick yard service.



RUNNING LOGS—CHEHALIS WESTERN

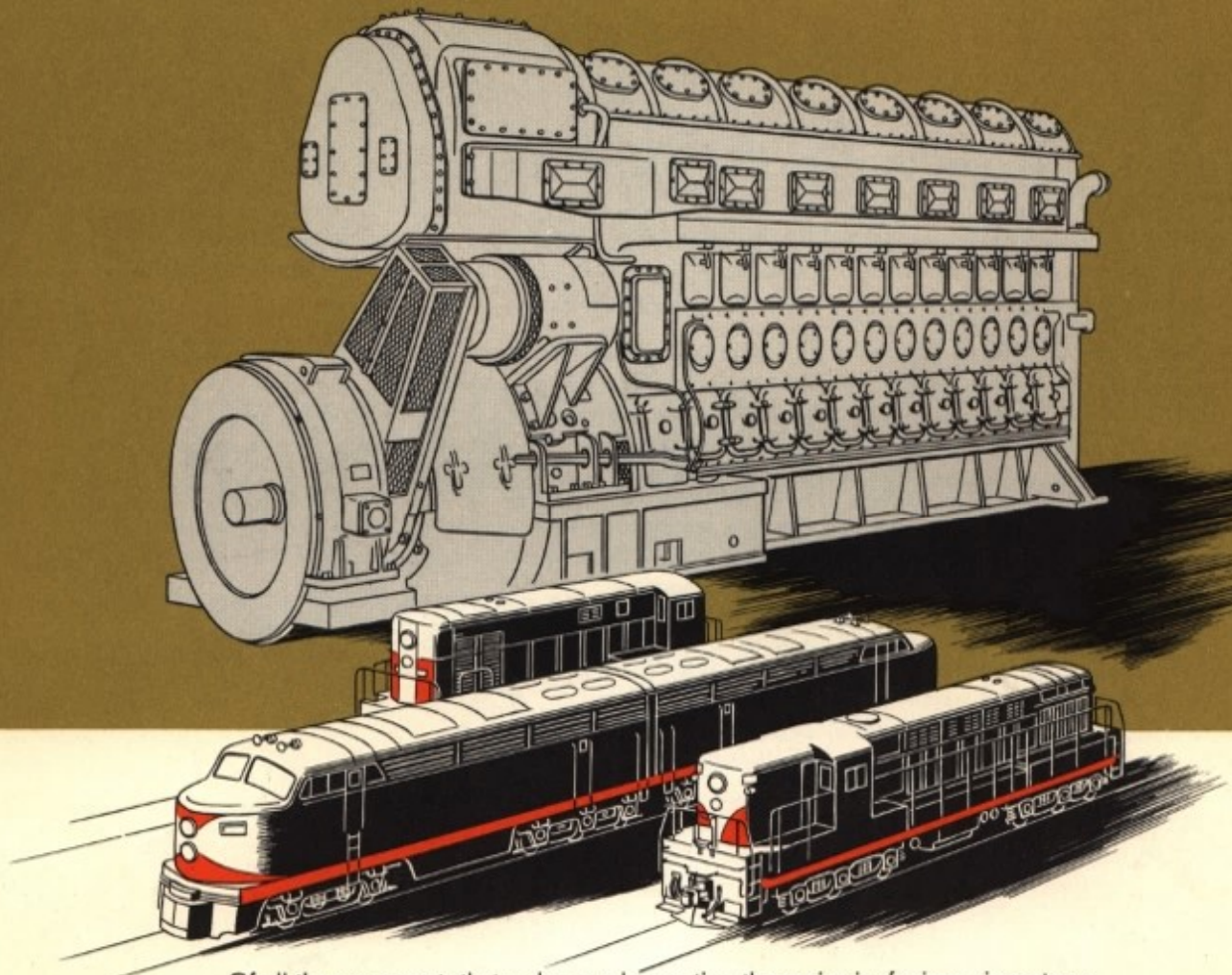


ORE HAUL—PENNSYLVANIA

SHORT LINE CARRIER—APACHE



Opposed-piston horsepower



Of all the components that make up a locomotive, the engine is of primary importance. Through its degree of fuel economy, reliability, and ease of maintenance, it governs the success of the entire locomotive. Five million Opposed-Piston Horsepower in service featuring 2 cycle design, simple construction, rugged dependability, low cost operation, and 40% fewer moving parts have established an impressive performance record for this efficient prime mover.

No other engine is so right for railroad service



FAIRBANKS-MORSE

a name worth remembering when you want the best

**DIESEL LOCOMOTIVES AND ENGINES • RAIL CARS • ELECTRICAL MACHINERY
PUMPS • SCALES • WATER SERVICE EQUIPMENT • HAMMER MILLS • MAGNETOS**