



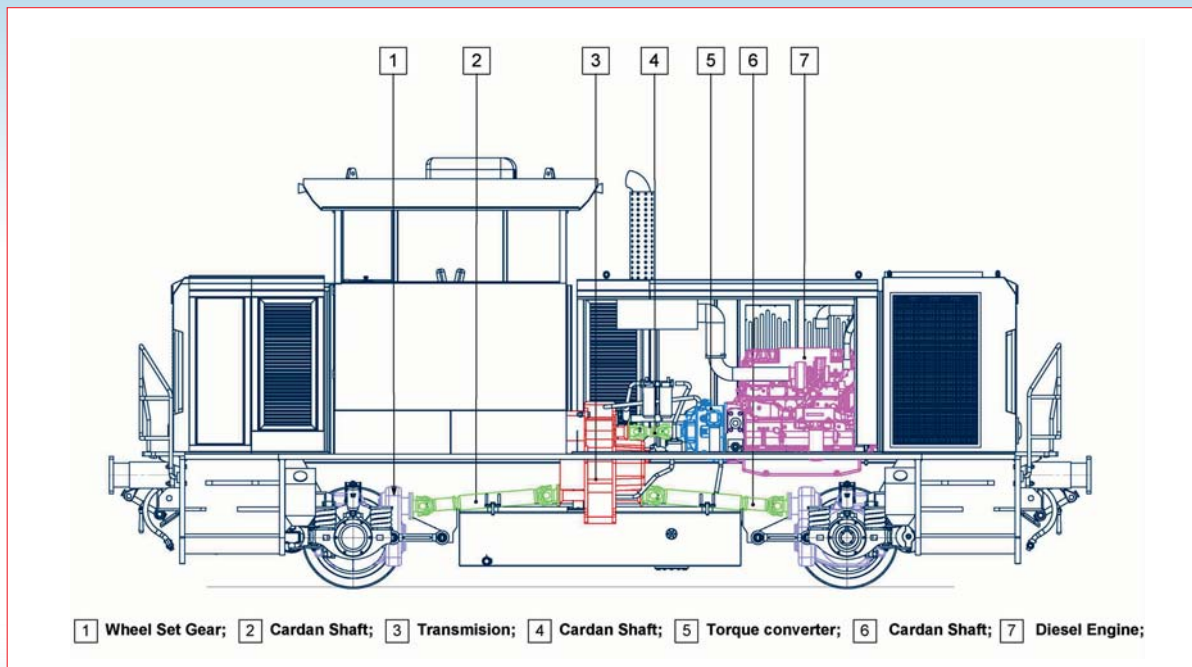
Diesel-hydraulic shunting locomotive MDD 4-00

Express Service OOD is an experienced company with traditions and broad know-how of locomotives. We started manufacturing locomotives 15 years ago with a small two-engines low power shunter. Today MDD 4-00 is our most advanced diesel shunter locomotive. It features top exhaust emissions standard and many options that characterize the best European shunters.



MDD 4-00 locomotives are the workhorse for any in-yard industrial shunting works and could also be used for hauling light trains on main line. MDD 4-00 has very high start tractive effort and keeps the optimum power to weight ratio.

Maximal weight of the trains shunted could be between 1000 and 1800 tons. Using MDD 4-00 locomotives our customers benefit from excellent reliability and durability at low total cost of ownership.



Locomotive Features:

- Advanced diesel engine for clean and economic operation
- Two comfortable driver decks for optimal control
- Low energy consumption due to the efficient powertrain
- Minimal idling fuel consumption of just 2l/min.
- Simple and robust construction to minimize maintenance
- Low maintenance costs
- Wide availability of spare parts
- Lowest total cost of ownership on the market
- MDD 4 series has Swiss, Italian, and BG homologation

Gauge	1435 mm
Transmissions type	hydrodynamic
Axle arrangement	B
Power of the engine	403 kW
Emissions standard	Stage IV Final
Max. speed	60/30 km/h
Length over buffers	9340 mm
Width	3000 mm
Height	4080 mm
Wheelbase	4700 mm
Tara weight	41 t
Wheel dia. new / worn	920 / 860 mm
Starting effort	135 kN
Brakes	Axle mounted discs
Operating temperatures	(-30) to (+50) C°
Min. curve radius	80 m

