

DETROIT DIESEL
DEMAND PERFORMANCE™



MBE 900

MBE 900 grows to 7.2 liters to deliver exceptional durability, excellent performance and fuel economy at current emission levels.

Excellent Performance and Fuel Economy

- SMART Fuel System maintains fuel economy and performance at reduced emissions
- DDEC® VI electronics monitor and control the engine and Aftertreatment System for peak efficiency
- Dual-stage turbo on high performance model provides maximum throttle response and combustion efficiency

Low maintenance

- Extended maintenance intervals
- Maintenance-free electrostatic breather separator
- New easy-to-access multi-functional fuel filter

Low Emissions

- Optimized Exhaust Gas Recirculation (EGR) system reduces nitrogen oxide (NOx) emissions by over 50%
- Aftertreatment system consisting of an Oxidation Catalyst and Diesel Particulate Filter reduces particulate matter emissions by 90%
- Maintenance-free electrostatic breather separator



MBE 900 Specifications

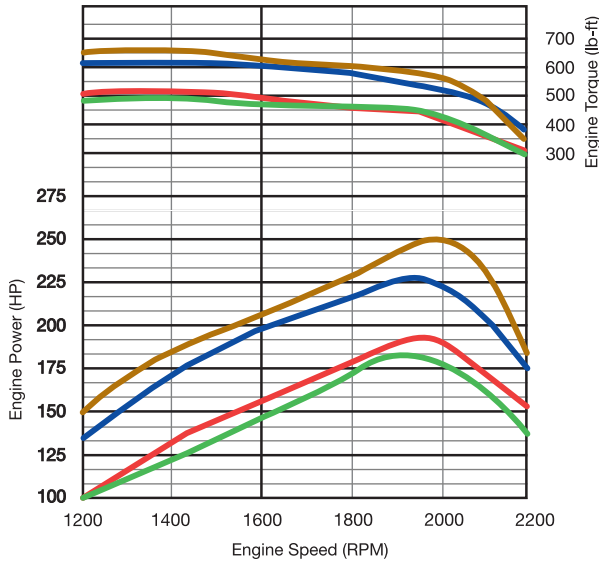
Configuration	Inline 6 Cylinder
Displacement	439 cu. in. (7.2 L)
Compression Ratio	18:1
Bore	4.17 in. (106 mm)
Stroke	5.35 in. (136 mm)
Weight (Dry)	Single: 1392 lb. (619 kg) Dual: 1428 lb. (649 kg)
Electronics	DDEC VI

MBE 900 POWER RATINGS

STANDARD CONFIGURATION

- Single-Stage Turbo
- Cast Iron Cylinder Head and Blocks

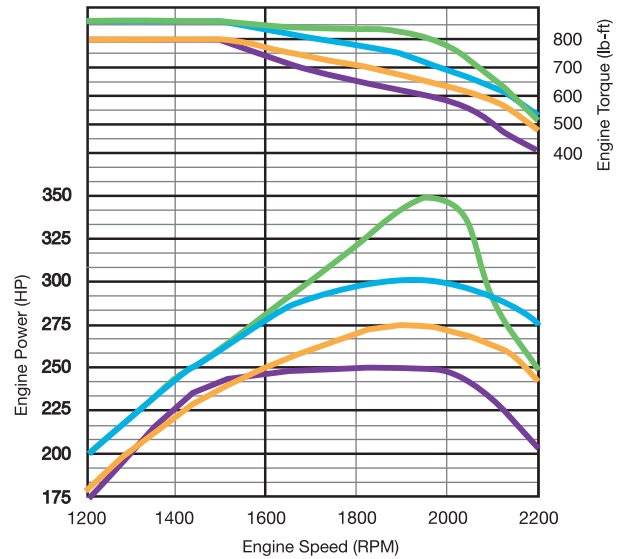
- 190 HP @ 2200 RPM 520 lb-ft @ 1200 RPM
- 210 HP @ 2200 RPM 520 lb-ft @ 1200 RPM
- 230 HP @ 2200 RPM 620 lb-ft @ 1200 RPM
- 250 HP @ 2200 RPM 660 lb-ft @ 1200 RPM



HIGH PERFORMANCE CONFIGURATION

- Dual-Stage Turbo
- Compact Graphite Iron Cylinder Head and Blocks

- 260 HP @ 2200 RPM 800 lb-ft @ 1200 RPM
- 280 HP @ 2200 RPM 800 lb-ft @ 1200 RPM
- 300 HP @ 2200 RPM 860 lb-ft @ 1200 RPM
- 350 HP @ 2200 RPM 860 lb-ft @ 1200 RPM*



* Fire, emergency and recreational vehicle applications only.

Maintenance Intervals (Miles)

Maintenance Item	Severe-Duty	Short-Haul	Long-Haul
Engine Oil and Filter Change	6,000	15,000	30,000
Fuel Filter Change	18,000	30,000	60,000
Valve Lash Adjustment	24,000	75,000	80,000

Severe-Duty: Less than 6,000 annual miles. Short-Haul: 6,000 to 40,000 annual miles. Long-Haul: Over 40,000 annual miles.

Standard Warranty¹

MBE 900	Warranty Limitations (Whichever Occurs First)		Repair Charge to be Paid by Owner	
	Months	Miles / Kilometers	Parts	Labor
Engine	0 - 36	0 - 150,000 mi. 0 - 240,000 km	No Charge	No Charge
Accessories	0 - 24	0 - 100,000 mi. 0 - 160,000 km	No Charge	No Charge

¹ See your Authorized Detroit Diesel service outlet for a copy of the warranty parchment for complete details.



For more information, call 1-800-445-1980. www.DetroitDiesel.com

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