

DETROIT DIESEL

DEMAND PERFORMANCE™

**MBE 4000**

The MBE 4000 lightweight, heavy-duty diesel engine maintains performance and fuel economy advantages 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

Engine Brake Technology Leader

- Standard engine brake has up to 378 braking horsepower at no added cost or weight
- Optional premium engine brake has up to 510 braking horsepower
- Both engine brake options are known for quiet operation

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 50%
- Electrostatic breather separator meets crankcase emissions requirements without added maintenance

**MBE 4000 Specifications**

Configuration	In-line 6 Cylinder
Displacement	281.12 cu. in. (4.6 L)
Compression Ratio	16:1
Bore	5.34 in. (136 mm)
Stroke	6.54 in. (166 mm)
Weight (Dry)	1275 lb. (580 kg)
Electronics	DDEC VI

Mbe 460 Manual Rod Bearing Torque

N Colangelo

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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