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Mahindra CL 500/550 MDI

**Engine Specifications**

Engine	▶ MDI 3200 A Direct Injection Diesel
Type	▶ 4-Stroke, 4 Cylinder, Inline
Bore/Stroke	▶ 88.9 mm / 101.6 mm
Cubic Capacity	▶ 2523 cc
Maximum Horse Power	▶ 58 HP @ 3200 RPM (IS)
Maximum Torque	▶ 16.55 kgm @ 1500 RPM (IS)
Fuel Injection System	▶ Inline Pump
Compression Ratio	▶ 18 : 1
Weight of Engine	▶ 260 kg

General Specifications

Cooling System	▶ Belt driven pump on cylinder head. Thermostat controlled.
Clutch Type	▶ Single dry plate, outside dia. 235 mm.
Transmission	▶ Type: 4 Speed, 2nd, 3rd and 4th synchromesh, floor shift 1st gear 3.986 : 1 2nd gear 2.368 : 1 3rd gear 1.473 : 1 4th gear 1.000 : 1 Reverse 5.315 : 1
Transfer Case	▶ 2 speed gear reduction, single shift lever Gear ratio : High 1:1 ; Low 2.46 : 1
Front Axle	▶ Full floating for 4WD only. Dead tubular for 2WD Max. Capacity : 907 kg Ratio : 3.73 : 1
Rear Axle	▶ Semi floating hypoid type. Max. Capacity : 1134 kg Ratio : 3.73 : 1
Steering	▶ Worm and Roller type or recirculating ball type Ratio : 20 : 1
Turning Circle Radius	▶ 5.86 m.

Brakes	▶ Type : Hydraulic with TMC Parking : Operates on rear service brakes. Hand lever & cable type
Suspension	▶ Front & Rear : Semi-elliptical leaf springs with hydraulic double acting telescopic shock absorbers
Wheels	▶ Rim size: 16 x 4.5 in. Disc type, with five studs. Tyres : 6.00 x 16, 8 PR
Frame	▶ Ladder type with steel channel side members, four intermediate cross-members.
Electrical System	▶ Battery :12 V / 75 Amps .hr. Alternator 43 Amps.
Instruments	▶ Speedometer (kms./ hr.), temperature and fuel gauge. Light indicators for battery charging, oil pressure, high beam and flasher. Hazard warning switch.
Fuel Tank	▶ Capacity : 45 litres with electrical float unit .
Kerb Weight	▶ CL 500 - Soft Top 2WD : 1225 kg. 4WD : 1300 kg. CL 550 - Soft Top 2WD : 1235 kg. 4WD : 1310 kg.
Gross Vehicle Weight	▶ CL 500 : 1770 kg. / CL 550 : 1950 kg.

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