

CLA 16.250 EVO 4X2

Box Body Construction Tipper



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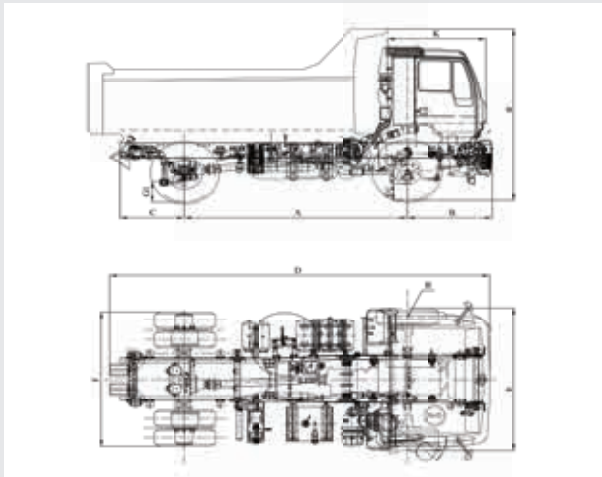
BS-IV

MAN Advantage

- BS-IV Compliant, MAN D-0836 Turbo charged, Inter cooled Engine with Common Rail Fuel injection pump. Environment friendly, Fuel Efficient, Most reliable.
- MAN Planetary Rear Axle with Hub Reduction, inter axle and differential lock providing superior traction, high ground clearance. Unmatched reliability and outstanding gradeability.
- MAN patented Exhaust Valve Brakes (EVB) in combination with LSV provides extra safe braking and long life.
- Extra Strong ladder frame chassis, special high strength steel provides high torsional and bending stress capability. Specially treated for corrosion resistance.
- New generation aerodynamic cabin with heat and sound dampeners. Hydraulically operated tilt cabin mechanism. Maximum comfort and safety for driver.
- Prompt and efficient after sales service provided by a nation wide network of main and associate dealers, parts depots, mobile service vans, 24x7 helpline.

Applications

- High volume 10 cu m. Tipper Body for construction sites.



Technical Specifications

Dimensions (mm.)

Wheelbase (A +J/2)	3600
Front Overhang (B)	1362
Rear Overhang (C)	1050
Overall Length (D)	6012
Front Track (E)	2075
Rear Track (F)	1800
Minimum Ground Clearance At Front / At Rear	292/327
Turning Radius (H)	7000
Distance between two rear axles (J)	NA
Cabin Length (K)	1505

Tipper Body

Overall Height from Ground (R)	3068
Overall Height from Ground (Unladen)	3108

Weights (in kg)	Unladen (Kerb Weight)*	Laden
Total	8335	16200

* Nominal Values

Engine	MAN D-0836
Type	DI, Turbo Charged Intercooled
No. Of Cylinders	6, Inline
Displacement	6.9 Litres
Max Power output	255 HP (187 kW) @ 2300 r/min
Max Torque	950 Nm @ 1100-1850 r/min
Emission Compliance	BS-IV
Fuel System	Common Rail
Fuel Tank	200 litres
NO _x Doser	35 litres

Clutch : Single Plate, Power Assisted.

Gearbox : 6-speed Synchronmesh Gearbox.

Front Axle : Heavy Duty Drop Forged I-Beam type, Maintenance free Hub Bearings.

Rear Axle : MAN Planetary Axles with Hub Reduction & Stabiliser for rear axle.

Chassis Frame : C-channel rolled section, side-members and cross-members made of high-strength steel.

Steering : Power steering, Telescopic & Adjustable.

Brakes : S-Cam, Dual-circuit, Air Actuated Drum brakes, Automatic slack adjuster and asbestos-free brake linings, Exhaust Valve Brakes (EVB), ABS.

Suspension :

Front : Semi Elliptical Leaf springs with Double Acting Shock absorbers.

Rear : Heavy Duty Two Stage Semi Elliptical Leaf Springs.

Cabin : MAN DAY CAB with AC optional.

Hydraulic Cab tilt with tilt angle of 60 degrees.

Bumper - Three piece steel bumper with H7 twin headlamps & daytime running lamp.

Wheels & Tyres :

Wheel Rim Size 7.5" X 20"

Tyres 11.00" X 20"

Twin mounted tyres on rear Axles, Spare wheel with tyre.

Electrical System :

Double pole wiring system with separate ground wire harness enclosed in safe sheathing/casing.

Battery capacity 2x12 V, 100 Ah

Alternator capacity 80 AMP

Trailer connections

Performance Data :

Max. Gradeability Crawler Gear NA

Max. Gradeability First Gear 77%

Max. Speed (in Top Gear) 60 kmph

Body 10 cu m. Box Body

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