

CLA 25.300 EVO 6X4

Rock Body Mining Tipper



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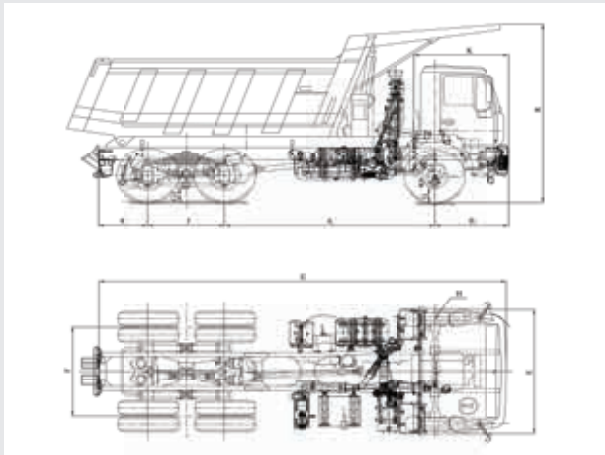
BS-IV

MAN Advantage

- BS-IV Compliant, MAN D-0836 Turbo charged, Inter cooled Engine with Electronically Controlled Common Rail System. Environment friendly, Fuel Efficient, Most reliable.
- Straight rigid front Axle, 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 & ABS 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 16 cu m. Rock Body Tipper Body with option of ST 52 or High strength wear resistant steel.



Technical Specifications

Dimensions (mm.)

Wheelbase (A +J/2)	4525
Front Overhang (B)	1362
Rear Overhang (C)	900
Overall Length (D)	7487
Front Track (E)	2075
Rear Track (F)	1800
Minimum Ground Clearance At Front / At Rear	385/327
Turning Radius (H)	8500
Distance between two rear axles (J)	1400
Cabin Length (K)	1505

Tipper Body

Overall Height from Ground (R)	3572
Overall Height from Ground (Unladen)	3612

Weights (in kg)	Unladen (Kerb Weight)*	Laden
Total	13860	25000

* Nominal Values

Engine	MAN D-0836
Type	DI, Turbo Charged Intercooled
No. Of Cylinders	6, Inline
Displacement	6.9 Litres
Max Power output	300 HP (221 kW) @ 2300 r/min
Max Torque	1150 Nm @ 1200-1800 r/min
Emission Compliance	BS-IV
Fuel System	Common Rail
Fuel Tank	300 litres
NO _x Doser	35 litres

Clutch : Single Plate, Power Assisted.

Gearbox : 9-speed Synchronmesh Gearbox.

Front Axle : Heavy Duty Straight Forged I-Beam type, Maintenance free Hub Bearings, Stabiliser for front Axle.

Rear Axle : MAN Planetary Axles with Hub Reduction, Inter Axle & Wheel Differential Locks & 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 Bogie Type Suspension.

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" Mining Pattern
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

Performance Data :

Max. Gradeability Crawler Gear 63%
Max. Gradeability First Gear 40%
Max. Startability Crawler Gear 51%
Max. Speed (in Top Gear) 60 kmph
Body 16 cu m. (WRS) Rock Body

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