



MAN CLA 25.280 6x4
Box Body Construction Tipper



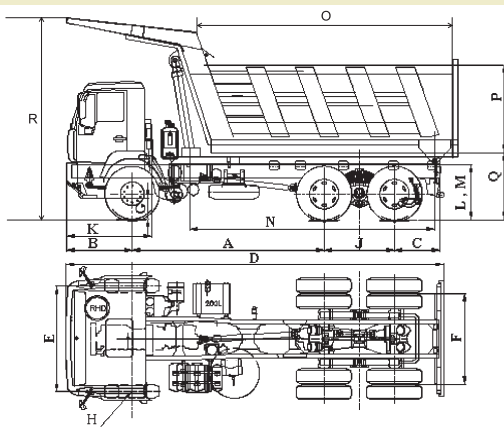
MAN CLA 25.280 6X4 Box Body Construction Tipper

MAN Advantage

- ▶ BS-III Compliant, MAN D-0836 Turbo charged, Inter cooled Engine with microprocessor based Engine Management System, Environment friendly, Fuel Efficient. Most reliable.
- ▶ MAN **Planetary 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 16 cu.m. Tipper Body for Construction Site.



Technical Specifications

Dimensions (mm.)

Wheelbase (A+J/2)	4525
Front Overhang (B)	1293
Rear Overhang (C)	900
Overall Length (D), Chassis (with body - 7895)	7507
Front Track (E)	2075
Rear Track (F)	1816
Minimum Ground Clearance (At Front) (G)	270
Turning Radius (H)	9750
Distance Between Two Rear Axles (J)	1400
Cabin Length (K)	1719
Unladen Chassis Height from Ground (L)	1042
Laden Chassis Height from Ground (M)	992

Tipper Body

Pivot Length (N)	4850
Tipper Body Length (O)	5190
Tipper Body Height (P)	1360
Tipper Body Clearance from Ground (Q)	1405
Overall Height of Tipper from Ground (R)	3190
Tipping Angle	48°

Weights in kg

	Unladen (Kerb Weight)*	Laden
Front Axle	4033	6000
Rear Axle	7647	19000
Total	11680	25000

* Nominal Values

Engine

Type	MAN D-0836 LFL 08
No. Of Cylinders	DI, Turbo Charged Intercooled
Displacement	6, Inline
Max Power output	6.9 Litres
Max Torque	280 HP (206 kW) @ 2400 r/min
Emission Compliance	1100 Nm @ 1300-1700 r/min
Fuel Tank	BS-III (Euro-III)
Engine Management System	200 Litres
	Microprocessor based ECU

Clutch : Single Plate – Pull Type, Power Assisted, 430 mm Dia

Gearbox : ZF 9S 1110 OD, 9 -speed Synchronesh Gearbox

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

Rear Axle : MAN H9 & HD9, 13120 Planetary Axles with Hub Reduction, Interaxle & Wheel Differential Locks & Stabilisers for Twin Axles

Rear Axle Ratio : 7.63 : 1

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

Steering : Power steering - ZF 8043, Telescopic & Adjustable

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

Suspension :

Front : Semi Elliptical Leaf springs with Double Acting Shock absorbers

Rear : Heavy Duty Bogie Type Suspension

Cabin : MAN DAY CAB

Hydraulic Cab Tilt with tilt angle of 60 degrees

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 2x100 Ah, 24V

Alternator capacity 80 AMP

Performance Data :

Max. Gradeability Crawler Gear 56 %

Max. Startability Crawler Gear 51 %

Max. Speed (in Top Gear) 78 kmph

Economy speed range on top gear 45-58 kmph

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Subject to changes in the course of technical progress.

