



MAN CLA 25.220 6x2
Chassis with Cab



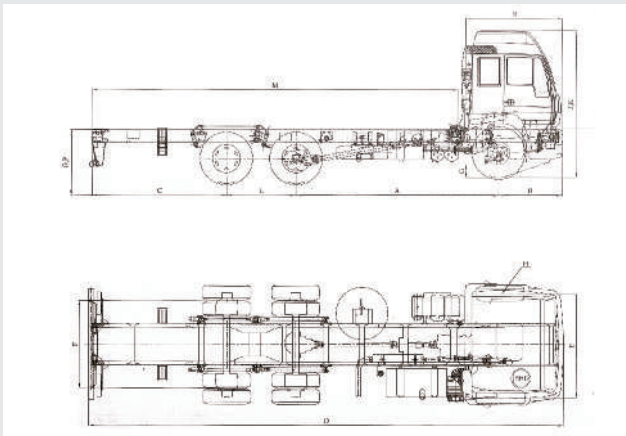
MAN CLA 25.220 6x2 Chassis and Cab

MAN Advantage

- BS-III Compliant, MAN D-0836 Turbo charged, Inter cooled Engine with rotary fuel injection pump and mechanical governor System, Environment friendly, Fuel Efficient. Most reliable.
- Extra Strong ladder frame chassis, special high strength steel provides high torsional and bending stress capability. Specially treated for corrosion resistance.
- MAN patented **Exhaust Valve Brakes (EVB)** in combination with LSV provides extra safe braking and long life.
- High gradeability for smooth driving on steep gradients and also in off road conditions.
- New generation aerodynamic high roof sleeper cabin with twin beds 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

- Cargo Truck (with Hydraulic Crane or Tail Gate lift), Panel Van, Refrigerated Body etc.
- Tanker for drinking water, milk, fuel, chemicals, sewage etc.
- Special Purpose Vehicles (Fire Tender, Refuse Collector, Hydraulic



Technical Specifications

Dimensions (mm.)

| | |
|---|---------|
| Wheelbase (A+L/2) | 4915 |
| Front Overhang (B) | 1320 |
| Rear Overhang (C) | 2795 |
| Overall Length (D) | 9808 |
| Front Track (E) | 2099 |
| Rear Track (F) | 1818 |
| Minimum Ground Clearance At Front / At Rear | 272/247 |
| Turning Radius (H) | 8500 |
| Overall Height from Ground (Laden) (J) | 3042 |
| Overall Height from Ground (Unladen) (K) | 3082 |
| Distance between Two Rear Axle (L) | 1430 |
| Available Platform Length (M) | 7575 |
| Cabin Length (N) | 1805 |
| Chassis Height from Ground (Unladen) (P) | 1157 |
| Chassis Height from Ground (Laden) (O) | 1112 |

| Weights in kg | Unladen (Kerb Weight)* | Laden |
|---------------|------------------------|-------|
| Front Axle | 3450 | 6000 |
| Rear Axle | 3900 | 19000 |
| Total | 7350 | 25000 |

* Nominal Values

| | |
|--------------------------|-------------------------------|
| Engine | MAN D-0836 LFL 18 |
| Type | DI, Turbo Charged Intercooled |
| No. Of Cylinders | 6, Inline |
| Displacement | 6.9 Litres |
| Max Power output | 220 HP (162 kW) @ 2400 r/min |
| Max Torque | 800 Nm @ 1200-1600 r/min |
| Emission Compliance | BS-III (Euro-III) |
| Fuel Tank | 335 Litres |
| Engine Management System | FIP with Mechanical Governor |

Clutch : Single Plate – Pull Type, Power Assisted, 395 mm Dia

Gearbox : ZF 6S 850 OD, 6-speed Synchronmesh Gearbox

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

Rear Axle : Hypoid Axles

Rear Axle Ratio : 6.17 : 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, Drum Dia 410 mm., 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, Semi Elliptical Leaf Springs with Bell Crank Mechanism

Cabin : MAN L-CAB (High Roof Sleeper) with two sleeper bunks (AC optional)

Hydraulic Cab Tilt with tilt angle of 60 degrees

Wheels & Tyres :

Wheel Rim Size 7.5" x 20"

Tyres 10.00" X 20"/10R20

Twin Mounted Tyres on Drive Axles, Spare wheel with tyre.

Electrical System:

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

Battery capacity 2x12V, 100Ah

Alternator capacity 80 AMP

Performance Data :

Max. Gradeability 1st Gear 24 %

Max. Startability 1st Gear 19 %

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CIN : U34102PN2006PTC022147

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Printed in INDIA
Text and illustrations not binding.
Subject to changes in the course of technical progress.

