TAB - INDIA
- TRUCKS AND BUSES OF INDIA -

# MASCOT T480 FC

## Technical Specification

### Engine

| | | |
|---|---|---|
| Type | : | 6 Cylinder, 4 Stroke water cooled Direct Injection Diesel engine |
| Bore / Stroke | : | 103mm / 108mm |

### Clutch

| | | |
|---|---|---|
| | : | Single plate dry friction Diameter of lining:<br>a) Outside - 325mm<br>b) Friction Area - 1006 sq.cm |

### Chassis >> Gear Box

| | | | ENV | HM |
|---|---|---|---|---|
| Type | : | Forward | 5 | 4 |
| | | Reverse | 1 | 1 |
| Gear Ratio | : | 1st | 6.92 | 7.059 |
| | | 2nd | 3.98 | 3.332 |
| | | 3rd | 2.37 | 1.771 |
| | | 4th | 1.47 | 1.0 |
| | | 5th | 1.0 | - |
| | | Reverse | 6.81 | 7.059 |
| Optional | : | ENV Type | | |

### Front Axle

Drop-forged 'I' beam maximum rating 4355kg. Roller thrust bearings to king pin

### Rear Axle

Fully floating hypoid final drive, giving low transmission line and quiet running. Axle shafts forged integrally with outer flanges. Rear Axle maximum rating 8636.5 kg. Ratio:5.83 to 1(6/35)

### Brakes

Hydraulic tandem master cylinder operation with air pressure servo assistance. The moulded brake linings give exceptional anti-fade qualities.

| Front Brakes | Rear Brakes |
|---|---|
| 406.4 x 80.8<br>Effective lining area | 406.4 x 127mm<br>Effective lining area : 2161 sq.cm<br>Total effective lining Area : 3535 sq.cm |

### Handbrake

Mechanically operated on rear wheels

### Steering

Semi-irreversible worm and sector: steering box rigidly mounted on chassis frame side member. All steering connections have self adjusting hardened ball joints. Steering wheel dia 498mm. Steering box ratio 25.5 to 1.

### Frame

Ladder type flat topped chassis frame. Alligator jaw cross-members riveted by the "cold squeeze" process. Side member dimension 254 x 73 x 6.35mm. Flitch plates of inverted L type fitted as standard. Combined section modulus 272 cubic-cm.

| Electrical | | | Wheels |
|---|---|---|---|
| Alternator | : | 45 Amp. | B 6.0 x 20 - 7 nos. |
| Voltage | : | 12 Volts. | **Tyres**<br>8.25 x 20 - 12 P.R. - 6 nos. |
| Battery Capacity | : | One 12 Volts 180 Amp. Hr. | |

## Some Important Parameters

| | |
|---|---|
| Applications | Market loads, logistics, tanker |
| Wheelbase (mm) | 4800 |
| Fuel tank (L) | 360 |
| Max speed | 80 kph |
| GVW (kg) | 16,200 |
| Available Body options | Chassis only |

***For the Price of this truck, please visit TAB-India***