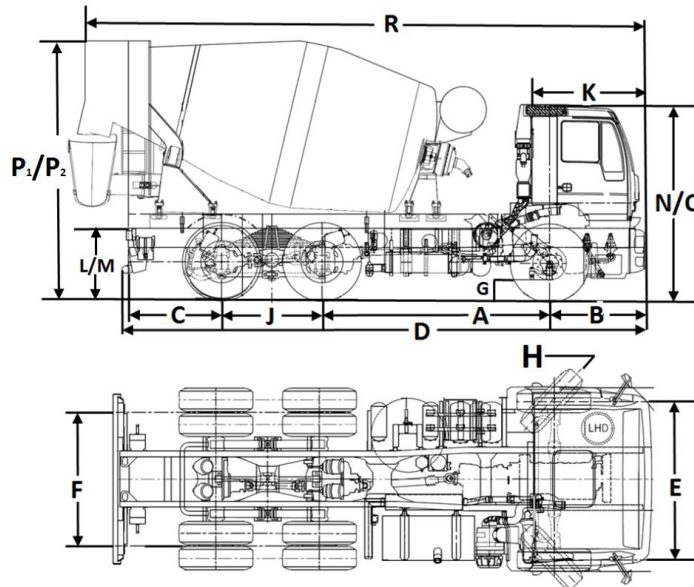


**CLA 26.280 6X4 LHD (CS71C)**



**DIMENSIONS in millimeters (mm)**

- Wheelbase (A) ..... 3175
- Front Overhang (B) ..... 1320
- Rear Overhang(C) ..... 1300
- Overall length(D) ..... 7284
- Front Track (E) ..... 2075
- Rear Track (F) ..... 1803
- Min Ground clearance at front/rear(G).....277/312
- Turning circle Diameter-meter (H)..... 15
- Distance between two rear axles (J)..... 1400
- Cabin Length (K) ..... 1505
- Unladen/laden chassis height  
From ground (L/M) ..... 1027/977
- Overall Height from  
Ground Unladen/Laden (N/O) ..... 2783/2743

**Weights in kilograms (kg)**

	Unladen (Kerb Weight)	Laden
• Front Axle	4320	7100
• Rear Axle	7585	23000
• Total	11905	26000

**MODEL:** CLA 26.280 6X4 MIXER (FBU) LHD

**ENGINE:** MAN D-0836

- Six-cylinder in-line diesel engine with direct injection
- Turbo charged and intercooled
- Displacement.....6.9 Liter
- Power output.....280 hp (206 kW) @ 2400 rpm
- Torque.....1100 Nm @ 1300-1700 rpm
- Economic speed range.....1400-1700 rpm
- Emission .....Euro III

**ENGINE FEATURES AND EQUIPMENT:**

- Two Valves per cylinder
- EDC Controlled Common rail Engine
- Oil Cooler, Piston Cooling, Fuel Filter and Water Separator
- Cabin mounted Air intake system with Pre-Cleaner And Safety Element
- Exhaust with tail pipe Outlet right (through silencer)

**CLUTCH:**

- Single dry Plate drag type power assisted Asbestos free clutch
- Clutch plate diameter..... 395mm

**GEAR BOX:** ZF 9S 1110- O/D

- 9 speed synchronized range gear box with crawler and reverse gears. Over drive, Force feed oil lubrication by oil pump. Full flow Oil filter.
- **PTO:**Engine PTO 6-L-Flange(100D),I=1.219,600Nm

**GEAR RATIOS:**

- Crawler gear ..... 9.48:1
- Rev gear ..... 8.97:1
- 1<sup>st</sup> gear ..... 6.58:1
- 2<sup>nd</sup> gear ..... 4.68:1
- 3<sup>rd</sup> gear ..... 3.48:1
- 4<sup>th</sup> gear ..... 2.62:1
- 5<sup>th</sup> gear ..... 1.89:1
- 6<sup>th</sup> gear ..... 1.35:1
- 7<sup>th</sup> gear ..... 1.00:1
- 8<sup>th</sup> gear ..... 0.75:1

**FRONT AXLE:** MAN Heavy Duty Drop Forged Type

**REAR AXLE:** MAN H9 & HD9 13120 planetary Hub

Reduction with inter axle and differential lock.

- Bogie suspension on tandem axles with stabilizer bar & radius rods to ensure stability in off road conditions
- Rear Axle Ratio.....5.26:1

**CHASSIS FRAME:**

- C-Channel rolled section ,re-enforcements and cross members made of high strength steel
- SMC Bumper with TGA Head lights H7

**STEERING:**

- Power steering – ZF 8046 (130bar).
- Steering wheel height adjustable by 45mm and inclination by 7.5<sup>0</sup>.
- Steering Wheel Diameter .....480mm
- Steering Gear Ratio.....26.2:1

**BRAKES:**

- S-cam, Dual-Circuit drum brake with Compressed air brake system.
- Engine Brakes with MAN patented Exhaust Valve Brakes(EVB)
- ABS (Antilock Braking system)
- Automatic Slack adjuster and asbestos free brake linings
- Parking brake acting on rear axles
- Brake drum diameter.....410mm

**FUEL TANK:**

- Right –hand side mounted 335litre capacity steel tank with lockable Fuel cap.

**SUSPENSION:**

**FRONT**

- Semi Elliptical 10 Leaf springs
- Length-1700mm,Width-80mm
- Double Acting Shock absorbers & Anti Roll bar

**REAR**

- 12 Main leaves
- Length-1650mm,Width-100mm
- Bogie type Suspension,Anti Roll bar

**CABIN: MAN DAY CAB (AC)**

**Entry**

- Comfortable, wide entry to cabin with wide 85<sup>0</sup> door opening angle. Convenient step spacing, large area steps of galvanized punched plate, visible from driver's seat.

**INTERIOR**

- Air conditioner
- Free cross-cab access from driver's to co-driver side
- Mats and coverings are of flame-inhibiting materials
- Wide, Impact-absorbing dashboard with clearly arranged instruments with switches and levers within easy reach and short lever travel.
- Easily operated suspended pedals within reach of drivers of all statures
- Two pressure gauges for brake circuits I and II
- SMC front wall cladding screwed firmly in place
- Panel of lamps with visible symbols for check functions, including central warning lamp for oil pressure, coolant temperature, Reservoir pressure in air circuits I,II and III,
- Gauges for temperature, Oil Pressure and fuel reserves.
- Large speedometer, EG Tachograph for two drivers, Engine crankshaft revolution counter with colour

Coding to guide the driver optimal operation zones at any gear.

- Cigarette Lighter or Socket for additional Equipment & Two ash trays with illumination
- Optimized air ventilation system with ducted fan

**EXTERIOR**

- Hydraulic cab tilt with tilt angle 60 degrees
- Step with grab rail handle at front (for cleaning the windscreen).Three-arm windscreen wiper system with integrated spray nozzles & intermittent wipe speeds
- 10 liter wind screen wash reservoir with pump
- Hatch roof

**DRIVER/CO-DRIVER SEAT:**

- 3 way adjustable driver seat with head rest & seat belt with Air suspension (Grammer)
- Static Co-Driver seat

**WHEELS AND TYRES:**

- Disc Wheel size.....9.00-22.5
- Tyre standard .... 295/80R22.5,315/80R22.5(optional)

- Twin mounted tyres on drive axles. Spare Wheel with tyre.

**TOOLS, ACCESSORIES & LITERATURE:**

- Standard tool kit
- Hydraulic jack
- Operators manual in English, French
- Towing pin at front

**ELECTRICAL SYSTEM:**

- Double pole wiring system with separate ground wire
- Harness enclosed in safe sheathing/casing
- Battery capacity.....2x12v,100Ah
- Alternator capacity.....80Amp

**PERFORMANCE DATA:**

- Max Grade ability Crawler..... 36%
- Max Grade ability 1st gear..... 25%
- Max Start ability Crawler..... 31%
- Max speed in top gear..... 97Kmph

**TRANSIT CONCRETE MIXER DIMENSIONS:**

- Nominal Capacity.....6CUM
- Total geometric Volume..... 11580 Litre
- Water tank volume.....300 Litre
- Filling ratio.....52%
- Drum speed.....0-12rpm
- Front Bumper to hopper end (R) .....8004mm
- Unladen/ Laden Drum Height  
From ground (P<sub>1</sub>/P<sub>2</sub>) ..... 3614mm /3574mm

**CONDITIONS:** Under standard test conditions

- **Note:** Parameters defined above is function to the stability of the vehicle, Centre of gravity of payload. These parameters may vary with the road condition. Depending on the friction of the road surface.
- On account of continuous research and development, technical Specifications are subjected to change without notice. The data included herein is to be regarded as approximate.