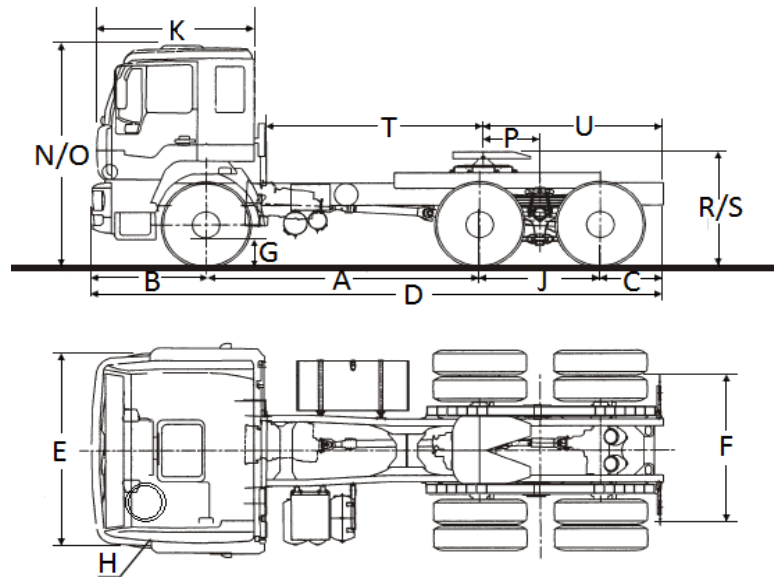


**CLA 26.280 6x4 LHD (CS 29)**



**DIMENSIONS in millimeters (mm)**

• Wheelbase (A)	3175
• Front Overhang (B)	1320
• Rear Overhang (C)	725
• Overall Length (D)	6880
• Front Track (E)	2120
• Rear Track (F)	1803
• Min Ground Clearance (at front) / (at rear)(G)	292/327
• Turning circle diameter - meter (H)	18.5
• Distance between two rear axles (J)	1400
• Cabin Length (K)	1805
• Overall Height from Ground Unladen/ Laden (N/O)	2768/2728
• King Pin offset from Bogie Centre(P)	517
• King Pin Height from Ground Unladen/Laden (R/S)	1375/1325
• King Pin offset from Cabin back (T)	2510
• King Pin offset from chassis end (U)	1942

**Weight in kilograms (kg)**

	Unladen (Kerb Weight)	Max. Permissible Axle Wt.
• Front Axle (FA)	3700	7100(CBU) / 7500(TIB)
• Rear Axle(RA)	4500	23000
• Total	8200	26000
• Gross Combination Weight – 44000 KG when coupled with suitable 3 axle semitrailer		

**MODEL: CLA 26.280 6X4 TRACTOR (TIB/CBU) LHD**

**ENGINE: MAN D-0836**

- Six-cylinder in-line diesel engine with direct injection.
- Turbo charged and intercooled.
- Displacement.....6.9 Liters
- 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 direct injection system
- Oil cooler. Piston cooling. Fuel filters 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 pull type power assisted asbestos free clutch
- Clutch Plate diameter.....430 mm

**GEARBOX: ZF 9S1110 –OD**

- 9-speed synchronised range gearbox with crawler and reverse gears. Over drive. Force-feed oil lubrication by oil pump. Full flow oil filter.

**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 FM08 Dropped Type**

**REAR AXLE:**

- MAN H9 & HD9 13120 Planetary with Hub Reduction & inter axle differential lock
- 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 – ZF8046 (130 bar).
- Steering wheel height adjustable by 45 mm and inclination by 7.5°
- Steering wheel diameter .....480 mm
- 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 (Anti-lock Braking System).
- Automatic slack adjuster and asbestos-free brake linings
- Parking brake acting on rear axle
- Brakes Drum Diameter .....410 mm

**FUELTANK:**

- Right-hand side mounted 335 litre capacity steel tank with Lockable fuel cap

**SUSPENSION:**

**Front**

- Semi Elliptical Leaf springs, 10 leaves
- Length -1700 mm, Width - 80 mm
- Double Acting Shock absorbers

**Rear**

- 12 main leaves
- Length - 1650 mm, Width - 100 mm
- Bogie type suspension, Anti Roll Bar

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

**Entry**

- Comfortable, wide entry to cabin with wide 85° 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's 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 (electronic)
- 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
- Cigarette Lighter or socket for additional equipment & two ashtrays for illumination
- Large speedometer, EG Tachograph for two drivers, Engine Crankshaft revolution counter with colour coding to guide the driver optimal operation zones at any gear
- Optimised air ventilation system with ducted fan blowers

**Exterior**

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

**Driver's/Co-Driver's Seat**

- 3 way adjustable driver seat with headrest with seat belt with Air Suspension (Grammer)
- Sleeper bunk in long length cab
- 3 Storage compartments revealed when bunk is folded up
- Static Co-driver's seat

**WHEELS & TYRES:**

- Disc Wheel size .....9.00 - 22.5  
Tyres Standard.....295/80R22.5 (CBU) / 315/80R22.5 (TIB)
- Twin mounted tyres on drive axles. Spare wheel with tyre.

**TOOLS, ACCESSORIES & LITERATURE:**

- Standard tool kit.
- Hydraulic Jack
- Operators Manual in English
- Towing Pin at front

**ELECTRICAL SYSTEM:**

- Double pole wiring system with separate ground wire
- Harness enclosed in safe sheathing/casing
- Battery capacity.....2x12V, 100 Ah
- Alternator capacity.....80 Amp

**TRAILER CONNECTIONS:**

- 2 inch compatible fifth wheel coupling
- Two pneumatic coils hoses for trailer brakes connection
- 7 pole electrical connector for trailer

**PERFORMANCE DATA:**

- Max. Gradeability Crawler.....21%
- Max. Gradeability 1st Gear .....14%
- Max. Startability Crawler. ....14%
- Max. Speed in Top Gear .....90 kmph
- Economy speed range on top gear.....60-80 kmph

- **Conditions:** Under Standard Test Conditions

- **Note:** Parameters Defined above is function to the stability of the vehicle, Center 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 & Development, Technical Specifications are subject to change without notice. The data included herein is to be regarded as approximate.