

# SPECIFICATIONS TATA XENON CC 4X4



## ENGINE

Model : Tata 2.2 L DICOR Euro-III, Euro-IV  
 Type : Water cooled, Direct injection Common Rail (DICOR), Turbocharged Intercooled Diesel Engine with EGR  
 No. of Cylinders : 4 (Inline)  
 Bore/Stroke : 85 mm x 96 mm  
 Capacity : 2179 cc  
 Max. Engine Output : 103 KW, 140 Hp @ 4000 rpm  
 Max Torque : 320 Nm @ 1700 – 2700 rpm  
 Compression Ratio : 17.2:1  
 Firing Order : 1-3-4-2  
 Max. Engine Oil capacity : 7.5 Lit.  
 Min. Engine Oil Capacity : 5.5 Lit.  
 Dry Weight of Engine : 235 kg

## CLUTCH

Type : Single plate, dry friction, diaphragm type  
 Outside diameter of Clutch Lining : 240 mm  
 Friction Area : 503 Sq. Cm.

## GEAR BOX

: G-76-5/4.1 with Overdrive, Synchronmesh on all gears  
 No. of Gears : 5 Forward, 1 Reverse  
 Gear Ratio : 1st:4.1, 2nd: 2.22, 3rd: 1.37, 4th: 1.00, 5th:0.77, Reverse: 3.75  
 Transfer Case : Electrical shift arrangement (for 4 x 4 Variants Only)  
 Driver Options : 4 x 2 Ratio : 1:1  
 (for 4 x 4 Variants Only) 4 x 4 High ratio 1:1  
 4 x 4 Low Ratio 1:2.48

Available in both Right & left hand drive versions.  
 Accessories shown in the picture are not parts of standard equipment  
 CAUTIONS: Do not weld or drill on chassis frame.  
 Indicative Specifications for Reference only. Contents are subject to change without notice.

## AXLES

Rear Axle : Single reduction, Salisbury Type with Hypoid Gears, Semi-Floating Axle Shafts & Limited Slip Differential  
 Rear Axle Ratio : 3.73 (41/11)  
 Front Axle : Independently Suspended  
 Front Axle : Automatic Hub Locks  
 for 4 x 4 Variants  
 Front Axle Ratio : 3.73 (41/11)  
 for 4 x 4 Variants

## STEERING

Type : Tillable power steering, 400mm diameter, 4 spoke steering wheel  
 Steering Ratio : 18.2:1, 18.9:1 (alternate)

## BRAKES

Type : Vacuum assisted independent hydraulic brakes on front & rear wheels through tandem master cylinder and tandem booster, Cam shaft driven vacuum pump.  
 Front Brakes : 281 mm diameter ventilated disc brakes with twin pot calipers  
 Rear brakes : 282 mm diameter drum brakes with auto adjuster LCRV Load conscious pressure reducing valve on rear brakes  
 Parking Brakes : Cable operated mechanical linkage acting on rear wheels

## SUSPENSION

Front Suspension : Double Wishbone Type with Torsion Bar  
 Rear Suspension : Parabolic Leaf Spring  
 Shock Absorbers : Hydraulic Double Acting Telescopic Type at Front & Rear  
 Antiroll : At Front

## WHEELS AND TYRES

Tyres : 205 R 16 C 106 S Tubeless Radials

Tyre Pressure : Unladen : Front : 29 psi; Rear : 29 psi  
 Laden : Front : 29 psi; Rear : 44 psi  
 Wheel Rims : 5.5 J x 16 (Alloy Wheels on Premium Versions)  
 Spare Wheels : Steel Wheel Rim

## FUEL TANK

Capacity : 65 Liters

## ELECTRICAL SYSTEM

System Voltage : 12 Volts  
 Alternator Capacity : 125 Amperes  
 Battery : 12 V, 80 Ah MF

## PERFORMANCE

Max. Speed : 160 Kmph  
 Max. Grad ability : 41%  
 90% (4 x 4) mode

## CHASSIS DIMENSIONS (mm)

	Single Cab 4 x 4	Crew Cab 4 x 4
Wheel base	2825	3150
Front Track	1571	1571
Rear Track	1571	1571
Overall Length	4800	5125
Max. Width	1860	1860
Front Overhang	870	870
Rear Overhang	1105	1105
Overall Height (Unladen)	1730	1730
Min. Turning circle dia	11	12
Min. Turning Clearance Circle dia	11.9	12.9
Ground Clearance (laden)	200-210mm	200-210mm



### Superior DICOR Technology:

The Xenon with 2.2L DICOR engine delivers exceptionally clean emissions complaint with up Euro - IV regulations. The common rail diesel technology works at maximizing fuel efficiency and reducing combustion noise and delivers improved power and torque through the entire speed range.



### Aggressive Styling:

Aggressive frontal styling and flared wheel arches give it a contemporary look and lends a commanding road presence. Big, strong, imposing, distinctive, modern and aggressive the Xenon is available in SC & DC configurations.



### Functional and Comfortable interiors:

Comfortable front and rear passenger room, neatly laid out instrument cluster, cup holders, clock, CD player, power windows, electrically adjustable and heated ORVMs ( Outer Rear View Mirrors) and HVAC (Heating Ventilation and Air Conditioning) with pollen filter.

### Safety:

The Xenon is rock solid with a crash-worthy chassis frame structure and body, and side intrusion beams.



### Stability, Ride and Handling:

The double wishbone front suspension with torsion bars and parabolic leaf springs on the rear ensures stability and body control even with the maximum payload. A surprisingly small turning circle makes easy to maneuver even on crowded streets. The limited slip differential can sense when a wheel is losing traction and distribute the necessary torque to the wheels that have better grip, making this a suitable choice even for off-road enthusiasts. The Xenon is available in both 4x2 and 4x4 configurations.



### Load - carrying Ability:

The Xenon offers over one ton of payload on its single cab configuration.

For further details, please contact

**TATA MOTORS LIMITED**

International Business Block A Shivasagar Estate Worli, Mumbai 400 018 India

Tel: 91 22 6757 7200 Fax: 91 22 6757 7275 / 6757 7276

www.tatamotors.com www.tata.com



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**SIPRADI TRADING P. LTD.**

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Tel: 4230340, 4240133, 4242549 Fax: 0977 01 42255096

E-mail: mktcvd@sipradi.com.np