



TATA MOTORS
Connecting Aspirations

GREAT TO DRIVE, AGILE TO
DELIVER **T.16 ULTRA BSVI**

BUILT TO BUILD YOUR FUTURE



DIL SE ULTRA

MULTIPLE APPLICATIONS



TECHNICAL SPECIFICATIONS		TATA T.16 ULTRA	
POWER TRAIN			
Engine Type	5L NG , BSVI		
Displacement/ Cubic capacity	5005cc		
Max Power (in kW)	132 kW (180PS) @ 2200 r/min		
Max Torque (in Nm)	590 Nm @ 1000 - 2000 r/min		
Clutch	Single Plate Dry Friction Type, 352 mm Dia		
Transmission	G750, Manual Synchromesh Gearbox (6F, 1R) Cab Chassis with PTOP		
FUEL SYSTEM			
Fuel tank capacity (in litre)	160 l (Day)	250 l (Sleeper)	
DEF Tank Capacity (in litre)	25l		
ELECTRICALS			
Battery	24V, 100 ah capacity		
PERFORMANCE			
Gradeability	25.2% (Day)	24.9% (Sleeper)	
SUSPENSION AND TYRES			
Front Suspension	Parabolic leaf spring		
Rear Suspension	Semi elliptical leaf spring		
No of Tyres	Front 2,Rear 4 , Spare 1		
Front & Rear	Day	9R20, 16PR - All steel Radial with tube	
	Sleeper	275/80R22.5 - All steel Radial Tubeless	
BRAKES			
Service Brake	Full S-cam Air Brakes , with ABS		
STEERING			
Steering System	Tilt & Telescopic Power Steering		
FRAMES			
Frame	Ladder type frame with riveted/bolted cross members. (250 X 68 X7) in mm		



CABIN TYPE	DAY VARIANT								SLEEPER VARIANT							
	CAB	HSD	CAB	HSD	CAB	HSD	CAB	HSD	CAB	HSD	CAB	HSD	CAB	HSD	CAB	
Overall Length (in mm)	7495	7515	8350	8640	8980	9090	9610	9720	8570	8680	9200	9315	9830	9945	11945	
Overall Width (in mm)	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440	2440	
Overall Height (in mm)	2630	3085	2630	3085	2630	3085	2630	3085	2632	3084	2632	3084	2632	3084	2632	
Gross vehicle weight (in kg)	16020 kg								16190 kg							
Kerb weight (in kg)	4920	5715	4950	5865	5005	6070	5155	6255	5355	6180	5378	6420	5438	6589	5633	
Pay load (in kg)	11100	10305	11070	10155	11015	9950	10865	9765	10835	10010	10812	9770	10752	9601	10557	
Load body Length (in mm)	NA	5220	NA	6170	NA	6800	NA	7430	NA	6170	NA	6800	NA	7430	NA	
Load body Width (in mm)	NA	2286	NA	2286	NA	2286	NA	2286	NA	2285	NA	2285	NA	2285	NA	
Load body Height (in mm)	NA	1830	NA	1830	NA	1830	NA	1830	NA	1830	NA	1830	NA	1830	NA	
L.B Platform Area (m2) Inner	NA	11.9	NA	14.1	NA	15.5	NA	17	NA	14.1	NA	15.5	NA	17	NA	
Min Turning Dia (in mm)	13900		15700		17000		19100		17000		19100		23000		25000	
Min Ground Clearance	228 mm															
Warranty	3 years or 300000 km, Whichever is earlier*															

DISCLAIMER: Specifications are subject to change without prior notice. These indicative images , specification for reference only.

MAINTENANCE ACTIVITY	SERVICE INTERVAL (km)
Engine oil	60000
T/M oil	1,20,000
Differential oil	1,20,000
Power steering oil	1,20,000
Coolant	2,40,000
Clutch oil	1,20,000
Hub grease Front	1,20,000
Hub grease Rear	1,20,000

* Terms & Condition Apply

For more information, contact: Tata Motors Limited, 4th Floor, CVBU, Ahura Centre, Mahakali Caves Road, Shanti Nagar, Andheri (E), Mumbai - 400093. Call: 1800 209 7979 (Toll-free). Visit: www.tatamotors.com

ENGINE & AGGREGATES



5L NG ENGINE

- 5L NG Engine having power of 132 kW (180PS) @ 2200 r/min with best Flat torque characteristics for lesser gear shift effort and higher driving comfort (1000-2000 r/min)
- Lower maintenance, Better Drivability, better pick, gradability because of longer Flat Torque



GEAR BOX

- Trusted and proven TATA G750 Synchronmesh - 6 Speed transmission
- PTO Provision in gearbox for Cab Chassis Version



CHASSIS

- Strongest chassis in its class with bolted design for increased modularity.
- Rolled from HSS 800 high strength steel with high tensile strength.



TYRES

- 9R20,16PR - Radial Tube Tyre - Day.
- 275/80R22.5 - Radial Tubeless - Sleeper.
- Less rolling resistance for Better FE.
- Easier steer ability & better driving comfort.



BRAKES

- Air S-cam Maintenance free brakes: DRUM- Both Front and Rear with additional Vacuum Pump



SUSPENSION

- Front - Parabolic Leaf & Rear - Semi-elliptical leaf spring with rubber bush, Tuned shock absorbers: Adjustable to GVW.



PROPELLER SHAFT

- Serrated Coupling flange propeller shaft for better Reliability & Performance



BANJO TYPE REAR AXLE

- More Load carrying capacity, lesser prone to leakage.

COMFORT & CONVENIENCE



WORLD CLASS ULTRA CABIN

- 45 degree tiltable Steel cabin - Aesthetically designed Day & Sleeper Cabin with elegant looks, D+2 Capacity, easy engine access, easy maintenance.
- More Utility Space - Storage Box



COMFORTABLE SEATING

- Melba Fabric for Seats for better comfort both in summer and winter
- 2 way adjustable Driver seat with Integrated headrest



STEERING

- Integrated Hydraulic Power Steering - Stability at high speeds
- Tilt and telescopic - Adjustable to any driver with respect to his height



DASHBOARD MOUNTED GEAR

- Dashboard mounted smooth Gear shifting.
- GSL cable in place of mechanical rod shift.



CONVENIENT FOOT STEP

- Easy to enter/exit for both driver and co-driver with Stylish looks.



NEW INSTRUMENT CLUSTER

- Avg. Fuel Economy Indicator + Distance to Empty
- Digital Service Reminder, Digital Air & Oil Pressure gauges, Digital DEF Gauge, Digital Battery Voltage indicator
- DPF Regeneration indicator, SCR System Fault indicator
- High Exhaust System Temperature indicator
- Air Filter Clogged indicator, Low DEF indicator
- Gear Shift Advisor, Power Take off Sign, 2 modes Fuel Economy Switch.



LAMPS

- Clear lens Head lamps & Tail-lamp Integrated with LED lamps.

*Images are used for reference purpose only

T.16 ULTRA, HIGHER PERFORMANCE ORIENTED



T.16 Ultra BSVI, earlier known as ULTRA 1518 in BSIV, has changed the dynamics of Indian trucking industry. It was regarded as first truck which looked at comfort of driving. This truck is designed thoughtfully to give comfort of long drive to the drivers as well as economy of operations for fleet owners. Ultra Cabin is the first Crash tested Cabin on the Indian Roads and its walk through cabin feature made it unique and set various benchmarks in the ICV trucking industry.

Ultra is best blend of Tech, Comfort & Economy because of its various features like High powered 5L NG Engine coupled with 6-speed G750 Gearbox, 45 degree tiltable aerodynamic crash tested cabin, Modular chassis frame, Front Parabolic Suspension, Serrated & Bolted Coupling Flange in Propeller shaft, Banjo Type Rear Axle, Tilt & Telescopic Power steering, EBHS (Equivalent body hole size) melba fabric Seat, Dashboard mounted Gear Lever, Liberal storage space, Connected truck with new generation Telematics System, Better turn around time and more no. of trips in a month due to easy comfortable driving and Less fatigue.

It is developed to delight both the fleet owners as also the general driving fraternity with its Day as well as Sleeper Cabin option.

EXPERIENCE THE POWER OF 6 EXPERIENCE THE POWER OF CHANGE



Power of Business Profit

- Improved Payloads with multiple Deck lengths (17ft to 32ft).
- Radial Tube & Tubeless Tyres for better mileage & tyre Life.



Power of Vehicle Performance

- Higher Engine Power, longer flatter Torque for better drive-ability, Pick up, Lesser Gear Shift.
- E - Viscous fan for better Engine performance.



Power of Driving Comfort

- Bucket (EBHS) seats with soft Fabric for better comfort.
- Easy Gear shifting.
- Front Parabolic Suspension.



Power of Convenience & Connectivity

- Driver friendly Instrument Cluster with advance features.
- Music System & Fast USB Charger.
- Advance Telematics - Fleet Edge.



Power of Value

- Best in Class 3year & 3 lakh Km Warranty.
- Superior Service network.
- Diagnostics with support of Telematics.



Power of Safety & Security

- Crash tested Ultra Cabin.
- Robust Frame & Aggregates.
- Tata Sampoorna Seva 2.0, TATA Samarth.

VALUE PACKAGE



Reverse Parking Assistance System



Music System and High speed USB Charger



Fleet Edge - Connected vehicles for optimum Operations



Single Key Operation



White Illumination Facia and Ignition Switches for Driver guidance in Night

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