

## TECHNICAL SPECIFICATIONS OF ULTRA 814

MODEL	TATA ULTRA 814
Engine Model	3 LNG DICR BS IV
Engine Type	4 Cylinder in line, water cooled turbo-intercooled CRDI engine
Fuel Injection Pump	Common rail fuel injection system
Power	104 kW (140 PS) @ 3 000 r/min
Torque	360 Nm @ 1 500 to 2 000 r/min
Clutch and Diameter	330 mm, single-plate, dry-friction type booster assisted
Gear Box	GBS 550 (6 F + 1 R), Mechanical (cable operated)
Front Suspension	Parabolic leaf spring
Rear Suspension	Semi-elliptical leaf spring
Tyres	225/75R 17.5 (14 PR)
Steering Type	Integrated hydraulic power steering - tilt and telescopic
Brakes Type	Front - drum, rear drum, dual air over hydraulic, DAOH, full S-cam
Ground Clearance	188 mm
Gradeability	33.0%
Battery	12V, 100 Ah
Fuel Tank Capacity	160 l
GVW	8 750 kg
Chassis Frame (mm)	Ladder type heavy duty frame with riveted/bolted - 200 x 60 x 4

## DIMENSIONS

Wheel Base (in mm)	3 310 mm			3 920 mm			4 520 mm		
Standard Variants	CAB	CLB	HD	CAB	CLB	HD	CAB	CLB	HD
Length (in mm)	NA	4 268	4 268	NA	5 186	5 186	NA	6 096	6 096
Width (in mm)	NA	2 255	2 255	NA	2 255	2 255	NA	2 255	2 255
Height (in mm)	NA	897	2 036	NA	897	2 036	NA	897	2 036
Loading Area (m2) - Inner	NA	9.01	8.76	NA	10.99	10.69	NA	12.95	12.62
Deck Length	14 ft			17 ft			20 ft		
Warranty	3 Years or 300 000 km, whichever is earlier*								

\*Conditions apply.



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**TATA MOTORS**  
Connecting Aspirations



# ULTRA 814 DIL SE AGILE

TURNAROUND TIME MEIN QUICK, TARAKKI HOGI QUICK



DIL SE ULTRA

## MULTIPLE APPLICATIONS



LOGISTICS, GOODS  
& PARCELS



FRUITS & VEGETABLES



FISHERIES



AGRI PRODUCTS



MOULDED PLASTICS



FMCG



# WITH TATA ULTRA 814, YOUR BUSINESS CAN GROW HIGHER AND BIGGER

- New Generation 3 L DICR engine : best-in-class power, flat torque, mileage and enhanced engine life
- World-class cabin, reliable aggregates and value-added unique features

## NEW GENERATION 3.0 L ENGINE – PERFORMANCE THAT YOU CAN RELY ON

- 104 kW (140 PS) @ 3 000 r/min
- 360 Nm @ 1 500 - 2 000 r/min
- Higher engine power for superior acceleration
- Flat torque characteristics and lower trip times to deliver
- Best-in-class fuel economy
- Optimum gradeability and lower maintenance

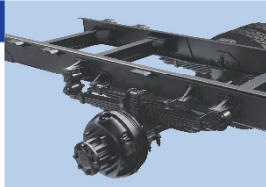


## WORLD-CLASS CABIN

- All new steel cabin; aesthetically designed with elegant looks
- Hydraulic 45° tiltable cabin - easier engine access, lesser downtime, easier maintenance
- Dash-mounted gear lever - makes it walk through
- Passes pendulum test - reinstates safety provision for AC
- Utility pockets on the head box - provides more storage space

## CHASSIS

- Strongest chassis in its class with bolted-design for increased modularity
- Made from HSS 800 hot-rolled high strength steel (with high tensile strength)
- Straight long member - multiple wheel base options



## BATTERY WITH MAGIC EYE

The Magic Eye indicates the state of charge of the battery and its electrolyte level:

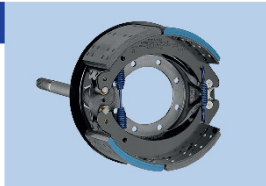
- If circle is green when viewed from the top of the Magic Eye - battery is fully charged
- If circle is clear and transparent when viewed from the top of the Magic Eye - battery needs charging
- If circle is red when viewed from the top of the Magic Eye - battery needs topping up



## BRAKES

Air Brakes:

- Improved and safer stopping
- Maintenance-free
- Higher braking efficiency
- Higher reliability and safety



## STEERING

- Power steering with dropping characteristic - stability at high speed
- Tilt and telescopic - suitable for any driver
- Low steering effort

## COMFORTABLE SEATING

- Wider comfortable seats for 3 (driver + 2 passengers)
- Height adjustable driver seat
- Integrated head-rest and arm-rest in centre
- Reduces driver fatigue
- Increases overall driving comfort



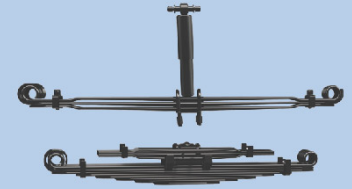
## LAMPS

- Head lamp - new generation stylised clear lens lamps
- Tail lamp - integrated with LED lamps for the first time in a commercial vehicle



## SUSPENSION

- Front - parabolic leaf for smooth rides and comfort at variable loads
- Rear - semi-elliptical leaf spring
- Tuned shock absorbers - adjustable to GVW
- Both front and rear suspension come with rubber bush; no hassles of greasing now



## TYRES

- Radial tubeless tyres with low aspect ratio
- Better torque on wheel
- 55% longer life
- Less rolling resistance - better fuel economy



## INSTRUMENT CLUSTER

- New generation multi-display electronic cluster
- Displays trip indicators (km/L) - fuel, water in fuel, low air pressure, rpm, speed, brake, seat belt, temperature, economy, assistance, time and neutral position among others



## CONVENIENT FOOTSTEPS

- Easy to enter/exit for both driver and co-driver
- Stylish looks in sync with body design, curves and arches



## SINGLE KEY OPERATION

- For the comfort and ease of driver

