



## LAMPS

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



## TYRES

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



## CONVENIENT FOOTSTEPS

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



## COMFORTABLE SEATING

- Wider comfortable seats for 3 (driver + 2 passengers)
- 4 way adjustable driver seat
- Integrated headrests and armrest in centre
- Reduces driver fatigue
- Enhanced overall driving comfort

## SUSPENSION

- Front – parabolic leaf for smooth rides and comfort at variable loads
- Rear – semi-elliptical leaf spring
- Tuned shock absorbers – adjustable to GVW
- Front suspension comes with rubber bush

## INSTRUMENT CLUSTER

- New generation multi-display electronic cluster
- Displays trip and live kmpl indicators – fuel, water in fuel, low air pressure, r/min, speed, brake, seat belt, temperature, economy, assistance, time, neutral position, etc.
- Reliable combination switch

## FEATURE HIGHLIGHTS

- Panoramic view windshield

- Footstep for windscreen cleaning



- Front Mirror for foreground visibility & wide angle ORVMs

- Sheet metal 3-piece design bumper

## TECHNICAL SPECIFICATIONS OF ULTRA 1518

Model	ULTRA 1518	Model	ULTRA 1518
Engine Model	NG 5L DICR	Front Axle	Heavy Duty, Durable with Best in Class Turning Circle Diameter
Fuel Injection Pump	Common Rail Fuel Injection System	Rear Axle	Single Reduction Hypoid Gears, Fully Floating Axle Shafts, Banjo Type
Power	132 kW (180PS) @ 2400 r/min	Battery	24 V, 2 X 75 Ah
Torque	590 Nm @ 1000-2000 r/min	Alternator Capacity	50 A
Clutch Type & Dia	352 mm, Single Plate Dry Friction Type Booster Assisted	Fuel Tank Capacity (l)	160
Gearbox	GBS-750 (6F + 1R Synchronesh) Cable Shift	Emission	BS-IV
Suspension	Front: Parabolic Leaf Springs Rear: Semi-elliptical at Rear with Parabolic Aux springs	Variants Available	Fully Built MS Container, PUF Container, Reefer Trucks
Tyres	Front: All Steel Radial 9.00 R20.16PR Rear: All Steel Radial 9.00 R20.16PR	Standard Variants	Cabin Chassis
Steering Type	Power Steering with Tilt & telescopic	Standard Variants	CLB High Deck CLB High Deck CLB High Deck
Brake Type	Air brakes, Maintenance free & safer stopping	Wheel Base	4530mm 4920mm 5300mm
Ground Clearance (mm)	Fr: 273 Rr: 228	Turning Circle Radius	7850mm 8500mm 9450mm
Gradeability (%)	27.2%	Length	6005 mm 6025 mm 6635 mm 6655 mm 7265 mm 7285 mm
GVW (kg)	15710	Width	2330 mm 2285 mm 2330 mm 2285 mm 2330 mm 2285 mm
		Height	575 mm 1830 mm 575 mm 1830 mm 575 mm 1830 mm
		Loading Area	13.99 sqm 13.76 sqm 15.45 sqm 15.2 sqm 16.92 sqm 16.65 sqm
		Deck Length	20 Ft 22Ft 24 Ft
		Warranty	3 Years / 3,00,000 Kms; whichever is earlier



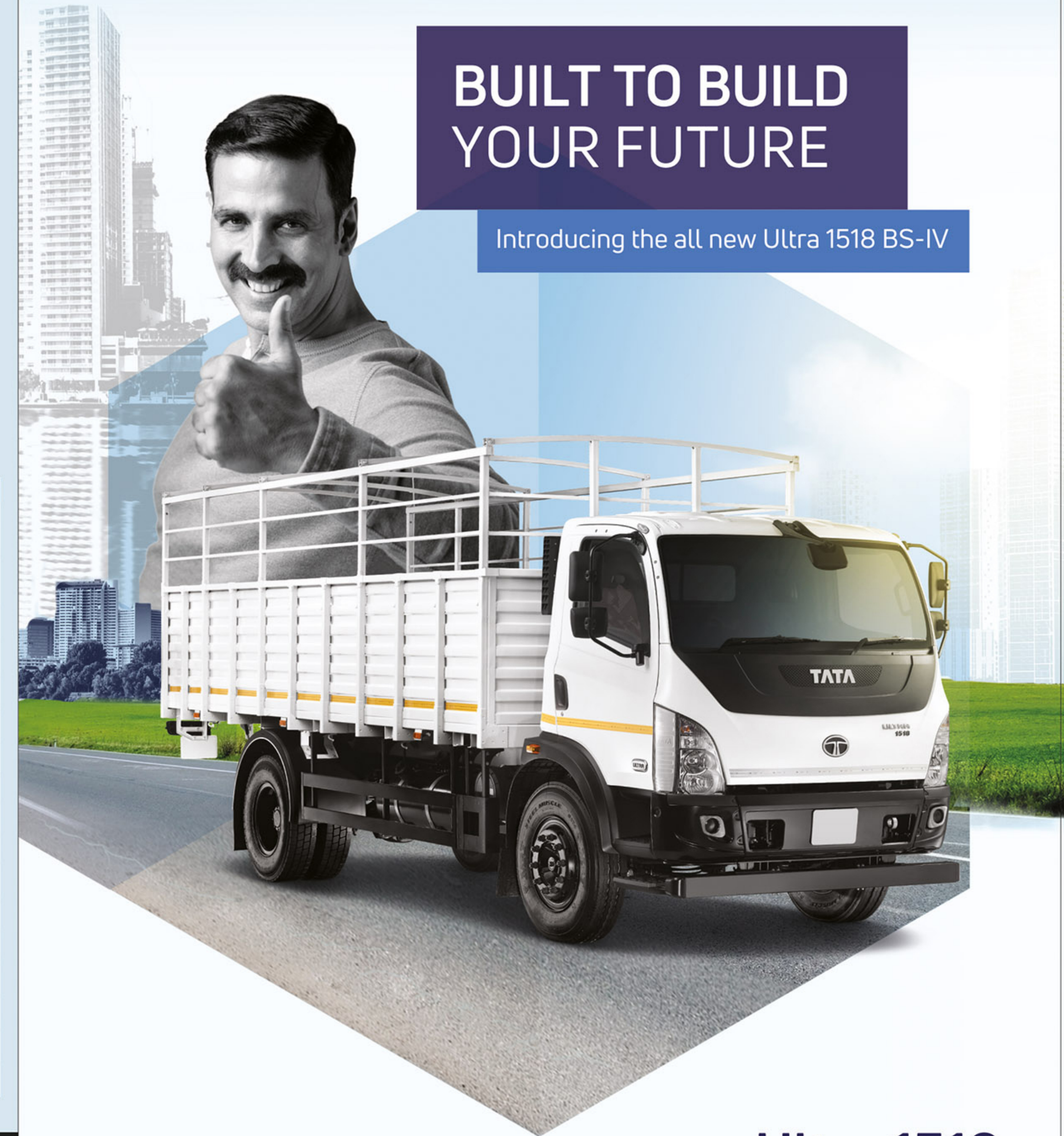
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**TATA MOTORS**  
Connecting Aspirations



## BUILT TO BUILD YOUR FUTURE

Introducing the all new Ultra 1518 BS-IV



## Ultra 1518

TRUCK OF THE FUTURE

## NEW GENERATION ENGINE



### 5L New Generation DICR (Direct Injection Common Rail)

Type	Turbocharged Intercooled Common Rail Diesel Engine
Number of Cylinders	4 Cylinder, In-Line
Capacity	5005 CC
Max. Engine Output	132KW(180PS) @ 2400 rpm
Max. Torque	590 Nm @ 1000 - 2000 rpm
Emission Compliance	BS-IV (capable to meet BS VI emission norms)

## FEATURES

- SOHC (Single Overhead Camshaft), 4 valves per cylinder

- Common Rail FIE with Advanced Engine Management System

- Solenoid Injectors

- DC motor linear Electrical EGR with EGR cooling

- Industry best flat torque curve - Lesser number of gear shifts, fatigueless driving and faster turnaround time leading to higher number of trips and More Revenues
- Higher Low End Torque - Superior gradeability and restartability

- Industry best fuel efficiency
- Best-in-class drivability, acceleration, lesser gear shifts and improved gradeability

- Solenoid injectors give precise fuel delivery, superior reliability resulting in increased longevity, durability and efficiency

- Better Fuel Economy
- Higher Engine Life due to lesser cylinder temperature
- No Diesel Exhaust Fluid (AUS 32 - 32% Aqueous Urea Solution) required
- Minimal Maintenance



### REAR AXLE MERITOR

MS13-145 for 15T  
Industry best durability and life

### G750

Proven Gearbox with Cast Iron housing and high life

### HEAVY DUTY FRONT AXLE

Durable Front Axle With Higher Life And Best-in-class TCD



### TELEMATICS (OPTIONAL)

MICROLISE Vehicle management system for Fleet owners



- Best flat torque curve – Lesser no. of gear shifts, Comfort driving, faster turnaround time leading to more number of trips and more revenues



- World-class cabin comfort



- Low maintenance and ease of service



- Best in class Fuel Economy (FE)



- High modularity, strength and durability



- Telematics option for fleet operators



Available in 17 Ft, 20 Ft, 22Ft & 24 Ft Deck Length with 7.5 Ft width for all your applications Fully Built Variants MS Container, PUF Container, Reefer Trucks

## MULTIPLE APPLICATIONS



Parcel, Courier



Industrial Components



FMCG



Auto Components



Agri Products



Cement



White Goods

## WORLD-CLASS CABIN

- All new world class steel cabin aesthetically designed with elegant looks
- Hydraulic 45 degree 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
- Foldable arm rest with storage box and bottle holder, magazine pocket in door trim
- Grab handles for easy ingress/egress
- Hook to hang coat, case for goggles, utilitarian head box



## CHASSIS

- Best in class strongest chassis with bolted design for increased modularity
- Rolled from (HSS 800 high strength steel with high tensile strength)
- Straight long member – multiple wheelbase options
- Better frame: 7 mm thick, 250 mm deep long members yielding higher durability, excellent torsional, bending and lateral stiffness, best-in-class ride and handling with front anti roll bar

## AIR BRAKES

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



## STEERING

- Power steering with dropping characteristic – stability at high speed
- Tilt & telescopic – suitable for any driver
- Palm effort drivable steering

## SINGLE KEY OPERATION

- For the comfort and ease of driver

