

# SPECIFICATIONS

## TATA LPS 3516 TC EX BS II



<b>ENGINE</b>	: Cummins 6BT 5.9
Type	: Turbo Charged, Intercooled Diesel Engine
No. of Cylinders	: 6 Inline
Capacity	: 5883cc
Air Filter	: Dry type, remote Mounted
Max. Engine Output	: 160 HP (119 kw) at 2500 rpm
Max. Torque	: 55 kgm. (550 Nm) at 1400-1700 rpm
Fuel Injection Pump	: Rotary type, Bosch

<b>CLUTCH</b>	: 352mm dia. single plate dry friction type
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<b>GEAR BOX</b>	: TATA GBS-600
Type	: Synchromesh on all forward gears & constantmesh on reverse gear
No. of gears	: 6 Forward, 1 Reverse

<b>FRONT AXLE</b>	: Heavy duty, Forged I beam, Reverse Elliot Type
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<b>REAR AXLE</b>	: Heavy Duty Tata RA 109RR
Type	: Single speed, fully floating axle shafts.
Ratio	: 6.8339:1 (41/6)

<b>STEERING</b>	: Power steering 20.2 : 1
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<b>FRAME</b>	: Ladder type heavy duty frame with rivetted/bolted cross members. Depth-285mm, Width-65mm, Thick-7mm,
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<b>SUSPENSION</b>	: Semi-elliptical leaf spring at front & rear Anti-roll bar at front axle only.
Shock Absorbers	: Hydraulic double acting telescopic type at front only.

<b>BRAKES</b>	
Service Brakes	: Dual circuit full air S-Cam brakes
Parking Brake	: Spring actuated parking brake acting on rear wheels with graduated hand brake valve.

Engine exhaust brake	: Coupled with service brake.
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<b>WHEELS &amp; TYRES</b>	: 10.00x20-16 PR / 10 Rx20-16PR (optional)
Wheel rims	: 7.50x20
No. of wheels	: Front: 2, Rear: 4, Spare: 1

<b>FUEL TANK</b>	: 225 litres
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<b>CAB/COWL</b>	: Resiliently mounted full forward sleeper Cowl/Sleeper cabin with optional A/C
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<b>ELECTRICAL SYSTEM</b>	: 12 Volts, 180 Ah capacity battery, 65 Amps alternator capacity
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<b>PERFORMANCE</b>	
Max. climbing ability	: 15% ( in 1st gear with standard gear box & rear axle )
Max. geared speed in top gear	: 70 kmph

<b>DIMENSIONS</b>	
Wheelbase	: 3200 mm

<b>WEIGHTS</b>	
Bare chassis kerb weight	: 5630 kg with cabin
Max. Permissible GVW	: 16200 kg
Max. Permissible FAW	: 6000 kg
Max. Permissible RAW	: 10200 kg
Max. Permissible GCW	: 35200 kg when coupled with suitable trailer

**CAUTION:** Do not weld or drill on chassis frame. Accessories shown in the picture or elsewhere do not constitute standard fitment. The Specifications are subject to change without notice. These are indicative specifications for Reference only.

