

TATA MOTORS



LPT 1615



Specifications



ENGINE

Engine type	Cummins 6BT 5.9, water-cooled direct injection turbo-charged, after-cooled diesel engine
Engine capacity (cc)	5883
Max engine output	108 kW at 2500 rpm with viscous fan
No. of cylinders	6 cylinders inline
Max engine torque	500 Nm at 1300 - 1700 rpm with viscous fan
Fuel type	Diesel



TRANSMISSION AND STEERING

Clutch	352 mm, pull type, single plate dry friction type
Gearbox	TATA GBS-600, 6 Speed (6F + 1R)
Type	Synchromesh on all forward gears and constant mesh on reverse gear
Gear ratios (1st)	1st - 6.58
Drive type	4x2
Steering	Integral hydraulic power assisted steering
Battery	12 V
Alternator	55 Amps



SUSPENSION

Front	Semi elliptical leaf spring
Rear	Semi elliptical leaf spring



BRAKES

Service brake	Fully duplicated, full air S-CAM brake
Engine brake	Hand control valve acting on rear axle



WHEELS AND TYRES

Tyre size	10.00 x 20 -16PR Nylon
Wheel rim	7.50 x 20
Rear axle	TATA RA-109RR Single reduction, hypoid gears, fully floating axle shafts
Axle ratio	5.857
Spare wheel carrier	Yes



DIMENSIONS

Wheel base	4885, 5195
TCD	18900, 20300
Overall length (mm)	8325, 8975
Overall width (mm)	2434
Front overhang (mm)	1185
Rear overhang (mm)	2285, 2595
Tank capacity (ltrs)	350



WEIGHTS

Gross vehicle weight (Kgs)	4954
Gross combination weight (Kgs)	16200
Maximum permissible front axle weight (Kgs)	6000
Maximum permissible rear axle weight (Kgs)	10200



PERFORMANCE

Grade ability	19%
Top speed (kmph)	90
Instrumental cluster	Yes



CABIN

Cabin type	Tilt cab
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For more information, please contact:

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