

TATA MOTORS



LPT 1613



Specifications



ENGINE

Engine type	Cummins B5.9 BS-III, water-cooled direct injection turbo-charged, after-cooled diesel engine
Engine capacity (cc)	5883
Max engine output	125 Hp at 2500 rpm
No. of cylinders	6 cylinders inline
Max engine torque	400 Nm at 1400 - 1700 rpm
Fuel type	Diesel



TRANSMISSION AND STEERING

Clutch	352 mm, single plate dry friction type
Gearbox	GBS-600, 5F + 1R
Type	Synchromesh on all forward gears
Gear ratios (1st)	6.58
Drive type	4x2
Steering	Integral hydraulic power assisted steering
Battery	12 V
Alternator	65 Amps



SUSPENSION

Front	Semi elliptical multi leaf spring
Rear	Semi elliptical multi 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	7.5 x 20
Rear axle	Option of TATA RA-108RR, TATA RA 109 RR
Axle ratio	5.86
Spare wheel carrier	Yes



DIMENSIONS

Wheel base	4225, 4885, 5195
TCD	16700, 18900, 20300
Overall length (mm)	7380, 8325, 8975
Overall width (mm)	2434
Front overhang (mm)	1185
Rear overhang (mm)	1970, 2285, 2595
Tank capacity (ltrs)	350



WEIGHTS

Gross vehicle weight (Kgs)	3880, 3930, 3990
Gross combination weight (Kgs)	16200
Maximum permissible front axle weight (Kgs)	6000
Maximum permissible rear axle weight (Kgs)	10200



PERFORMANCE

Grade ability	21%
Top speed (kmph)	81
Instrumental cluster	Yes



CABIN

Cabin type	Tilt cab
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For more information, please contact:

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