

TATA MOTORS



LPT 3718



Specifications



ENGINE

Engine type	Cummins B5.9 180 MECH BS-III, water-cooled direct injection turbo-charged intercooler diesel engine with viscous fan
Engine capacity (cc)	5883
Max engine output	180 hp @ 2500 rpm
No. of cylinders	6 cylinders inline
Max engine torque	685 Nm @ 1400 - 1600 rpm
Fuel type	Diesel



TRANSMISSION AND STEERING

Clutch	380 mm push type, single plate dry friction type
Gearbox	TATA G1150-9 speed DD (9.13), 8F + 1R + crawler
Type	Synchromesh on all forward gears and constant mesh on reverse gear
Gear ratios (1st)	9.138
Drive type	8x2
Steering	Hydraulic power steering
Battery	24V
Alternator	75 Amps



SUSPENSION

Front	Parabolic at front, pneumatic suspension at lift axle
Rear	Semi elliptical leaf spring
Shock absorber	Hydraulic double acting telescopic type



BRAKE

Service brake	Dual circuit, full air S-CAM brake system
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WHEELS AND TYRES

Tyre size	10R20 - 16PR, radial
Wheel rim	7.5 x 20 steel rim
Rear axle	RA 110
Axle ratio	6.14
Spare wheel carrier	Yes



DIMENSIONS

Wheel base (mm)	6255
TCD (mm)	21900
Overall length (mm)	10807
Overall width (mm)	2434
Front overhang (mm)	1260
Rear overhang (mm)	800
Tank capacity (ltrs)	400



WEIGHTS

Gross vehicle weight (Kgs)	9400
Gross combination weight (Kgs)	37000
Maximum permissible front axle weight (Kgs)	12000
Maximum permissible rear axle weight (Kgs)	25000



PERFORMANCE

Grade ability	25%
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Top speed (kmph)	78
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Instrumental cluster	Gauge
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CABIN

Cabin type	Forward tilt type
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For more information, please contact:

TATA MOTORS

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