

TATA MOTORS



LPS 4018



Specifications



ENGINE

Engine type	Cummins 6BT 5.9 Euro 3, water-cooled direct injection turbo-charged diesel engine
Engine capacity (cc)	5883
Max engine output	179 Hp @ 2500 rpm
No. of cylinders	6 cylinders inline
Max engine torque	675 Nm @ 1400 - 1600 rpm
Fuel type	Diesel



TRANSMISSION AND STEERING

Clutch	380 mm push type, single disc - dry friction type, boost assisted
Gearbox	G 750, 6 Speed (6F + 1R)
Type	Synchromesh on all forward gears and constant mesh on reverse gear
Gear ratios (1st)	9.19
Drive type	4x2
Steering	Hydraulic power assisted
Battery	24V
Alternator	75 Amps



SUSPENSION

Front	Semi elliptical parabolic leaf spring
Rear	Semi elliptical multi leaf spring
Shock absorber	Hydraulic double acting telescopic type



BRAKES

Service brake	Dual circuit, S-CAM brake with ABS
Engine brake	Pneumatically operated with foot control



WHEELS AND TYRES

Tyre size	10R20 - 16PR, radial
Wheel rim	7.5 x 20 steel rim
Front axle	Extra heavy duty forged I beam, Reverse Elliot type
Rear axle	TATA RA - 109 RR single reduction
Axle ratio	6.83
Spare wheel carrier	Yes
5th wheel coupling size	2 inch fabricated coupling (JOST)
Height from ground	1325 - 1239



DIMENSIONS

Wheel base (mm)	3200
TCD (mm)	12300
Overall length (mm)	5593
Overall width (mm)	2550
Overall height (mm)	2806
Front overhang (mm)	1338
Rear overhang (mm)	1055
Tank capacity (Itrs)	400



WEIGHTS

Gross vehicle weight (Kgs)	5970
Gross combination weight (Kgs)	40200
Maximum permissible front axle weight (Kgs)	6000
Maximum permissible rear axle weight (Kgs)	10200



PERFORMANCE

Grade ability	19%
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Top speed (kmph)	70
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Instrumental cluster	Gauge
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CABIN

Cabin type	3 point mechanically suspended fixed type
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For more information, please contact:

TATA MOTORS

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