

TATA MOTORS



LPO 1618



Specifications



ENGINE

Engine model	CUMMINS B180
Engine capacity (cc)	5883
Max engine output	134 kW (180 Ps) @ 2250 RPM
Max engine torque	654 Nm @1500 RPM



TRANSMISSION

Clutch type	Single plate dry friction type
Clutch dia (mm)	352 mm clutch booster assisted control mechanism (optional)
Gearbox model	Tata GBS-600 with overdrive synchromesh
No. of gears	6 Forward, 1 Reverse



BRAKES

Brakes	Fully duplicated, full air S-CAM brake system
Parking brake	Spring actuated parking brake acting on rear wheels
Engine exhaust brake	Pneumatically operated with foot control valve



SUSPENSION

Type	Semi elliptical leaf spring at front and rear, optional - Weveller
Shock absorber	Hydraulic double acting telescopic type at front



ELECTRICAL SYSTEMS

System voltage	24 V
Alternator capacity	75 Amps
Battery	2 x 12 V, 180 Ah



TYRES

No. of wheels	Front - 2, Rear - 4, Spare - 1
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Wheel rims	8.25 x 22.5; 7.25 x 20 (optional)
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Tyre size	11R22.5 - 16 PR; 10R20 16PR/10 x 20 (optional)
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DIMENSIONS

Wheel base (mm)	5545
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Overall length (mm)	10900
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Overall width (mm)	2600
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Overall height (unladen)	3350
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Front overhang (mm)	2060
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Rear overhang (mm)	3600
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WEIGHTS

FAW (kg)	6000
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RAW (kg)	10200
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GVW (kg)	16200
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OTHER PARAMETERS

Front axle	Heavy duty forged I beam Reverse Elliot type
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Rear axle	Single reduction, hypoid gears, fully floating axle shafts
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Steering	Power assisted hydraulic steering
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Fuel tank (L)	350
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RA ratio	5.857:1
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PERFORMANCE

Gradeability	30%
Max speed	96 km/h
Turning circle diameter	20.4 m

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