

TATA MOTORS

Connecting Aspirations

Tata Prima 4038 4x2 Truck Tractor



PRIMA 4038S
4x2 Truck Tractor

ENGINE

Make	Cummins
Model	ISLe 370 (Euro 3)
Capacity (cc)	8 898
Layout	6 cylinder common rail
Type	Turbo intercooled
Power kw at r/min	276 @ 2 100
Torque Nm at r/min	1 550 @ 1 200 -1 400

TRANSMISSION

Make	Eaton
Model	FSO10309 OD
Type	Synchromesh
Shift	Manual
No. of gears forward	9
High / Low Ratios	10.58:1 / 0.74:1

MAJOR DIMENSIONS (mm)

Overall Height	3 286
Overall Length	6 133
Overall Width	2585
Front Overhang	1 465
Rear Overhang	1 191
Wheelbase	3 460
CA - cab to bogie/rear axle	2 262

MASS (KG)

Manufacturer's Gross Vehicle Mass (GVM)	18 000
Permissible Maximum Vehicle Mass (V)	18 000
Manufacturer's Gross Combination Mass (GCM)	40 500
Permissible Maximum Drawing Vehicle Mass (D/T)	40 500
Tare (T)	6970
Permissible Rear axle weight	9 000
Permissible Front axle weight	7 500
Manufacturers Rear axle weight	13 000
Manufacturers Front axle weight	7 500

CLUTCH	
Type	Single
Diameter (mm)	430

DRIVE AXLE

Reduction type	Hub reduction
Final ratio	5.126:1

BRAKES

Type	Full air Dual Circuit
Front	Parabolic Leaf Springs
Rear	Semi elliptical leaf springs
Anti-lock braking system (ABS)	Yes

ELECTRICAL & FUEL

Fuel Tank Capacity (Ltrs)	625
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TYRES

Size and ply rating	315/80R22.5 Rib at front and Lug at rear
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