

TATA MOTORS

Connecting Aspirations

Tata LPT 2523 TC 6x4 Freight Carrier



LPT 2523 TC 6x4 Freight Carrier

ENGINE

Make	Tata Cummins
Model	B235 20 (Euro 2)
Capacity (cc)	5 883
Layout	Diesel inline 6
Type	Turbo intercooled
Power kw at r/min	173 @ 2 500
Torque Nm at r/min	800 @ 1 500

TRANSMISSION

Make	ZF
Model	9S 1110
Type	Synchromesh
Shift	Manual
No. of gears forward	9
High / Low Ratios	9.48:1 / 0.75:1

MAJOR DIMENSIONS (mm)

Overall Height	2 800
Overall Length	9 370
Overall Width	2 448
Front Overhang	1 515
Rear Overhang	2 170
Wheelbase	4 880
CA - cab to bogie/rear axle	4 055

MASS (KG)

Manufacturer's Gross Vehicle Mass (GVM)	25000
Permissible Maximum Vehicle Mass (V)	24 000
Manufacturer's Gross Combination Mass (GCM)	30,500
Permissible Maximum Drawing Vehicle Mass (D/T)	31 000
Tare (T)	7 380
Permissible Rear axle weight	18 000
Permissible Front axle weight	6 000
Manufacturers Rear axle weight	18,000
Manufacturers Front axle weight	6 000

CLUTCH

Type	Single
Diameter (mm)	380

DRIVE AXLE

Reduction type	Single
Final ratio	6.17:1

BRAKES

Type	Full air dual
Front	Drums
Rear	Drums
Anti-lock braking system (ABS)	Yes

ELECTRICAL & FUEL

Fuel Tank Capacity (Ltrs)	350
----------------------------	-----

TYRES

Size and ply rating	11.00 R22.5-16PR
---------------------	------------------