

TATA MOTORS



LPK 2523



Specifications



ENGINE

Engine type	Cummins 6BT 5.9L
Engine capacity (cc)	5883
Max engine output	170 kW at 2500 rpm
Bore / stroke	102 mm x 120 mm
Max engine torque	814 Nm at 1500 rpm
Emission norms	BSII



TRANSMISSION AND STEERING

Clutch	380 mm, organic
Gearbox	Tata G 1150
No. of gears	9
Crawler	12.87
1st	9.13
2nd	6.72
3rd	4.9
4th	3.57
5th	2.55
6th	1.88
7th	1.37
8th	1
Reverse	13.4



FRAME

Type	Ladder type heavy duty frame of channel section
Chassis	285 mm x 65 mm x 7 mm

Frame width	888 mm
-------------	--------



SUSPENSION

Front	Semi elliptical
-------	-----------------

Rear	Bogie 37 T
------	------------



BRAKES

Service brake	Dual circuit full air S-CAM brake
---------------	-----------------------------------

Brake area	7120 sq cm
------------	------------

Engine exhaust brake	Yes
----------------------	-----



WHEELS AND TYRES

Tyre size	11R22.5 - 16PR
-----------	----------------

Wheel rim	8.25 x 22.5
-----------	-------------

Rear axle	RA 109 - Single stage reduction
-----------	---------------------------------

Rear axle weight	Front - 14T, Rear - 14T
------------------	-------------------------

Final drive ratio	6.17
-------------------	------

Front axle	I Beam - 6T
------------	-------------



DIMENSIONS

Wheel base	3880
------------	------

TCD	17000
-----	-------

Front track	1964
-------------	------

Rear track	1905
------------	------

Ground clearance	F - 314, R - 235
------------------	------------------

Max. width (wt. body)	2592
-----------------------	------

Overall height (wt. body)	3205
---------------------------	------

Box body options (CBM)	14, 16
------------------------	--------

Scoop body option (CBM)	12
-------------------------	----

Applications	Construction
--------------	--------------



WEIGHTS

Max GCW	25000
Max. FAW	6000
Max. Raw	19000



PERFORMANCE

Grade ability	52%, 35%
Top speed (kmph)	83



CABIN

Cabin type	Fixed type non sleeper cab
------------	----------------------------

For more information, please contact:

TATA MOTORS

International Business, One Indiabulls, Tower 2A,
14th Floor 841, S.B Marg, Elphinstone Road,
Mumbai 400 013