

TATA MOTORS



Prima 4738.K



Specifications



ENGINE

Engine type	Cummins ISLe 375 Euro-III
Engine capacity (cc)	8850
Max engine output	370 BHP at 2100 rpm
Bore / stroke	114 mm / 144.5 mm
Max engine torque	1550 Nm at 1200 - 1400 rpm



TRANSMISSION AND STEERING

Clutch	430 mm, organic
Gearbox	Eaton ES-150409 A, DD, 9 speed with crawler
No. of gears	9
Crawler	14.39
1st	10.04
2nd	7.11
3rd	5.05
4th	3.71
5th	2.71
6th	1.92
7th	1.36
8th	1
Reverse	14.41



FRAME

Type	Ladder type heavy duty frame of channel section
Chassis	320 mm x 90 mm x 8 mm
Frame width	Front - 950, Rear - 850



SUSPENSION

Front Parabolic - 7.5T

Rear Bogie - 40T



BRAKES

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

Brake area 410 x 220

Engine exhaust brake Jake Brake, Auto Slack Adjuster



WHEELS AND TYRES

Tyre size 12R24 20PR

Wheel rim 8.50-24

Rear axle RA 210 - Two Stage Reduction

Final drive ratio 7.246

Rear axle weight Front - 16T, Rear - 16T

Front axle I Beam - 7.5T x 2



DIMENSIONS

Wheel base 5250

TCD 22274

Front track 2038

Rear track 1900

Max. width 2593

Overall height 3682

Scoop body options (CBM) 19 Half Pipe in Hardox

Applications Mining



WEIGHTS

Max. GCW 36000

Max. FAW 15000

Max. Raw	21000
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Tare Weight	11220
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PERFORMANCE

Grade ability	49% / 74%
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Top speed (kmph)	66
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CABIN

Cabin type	4 point suspended Prima Day Cabin
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AC	Standard
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For more information, please contact:

TATA MOTORS

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