

Captain 2523



TIPPER BODY OPTIONS AND APPLICATIONS

Body	Sheet Thickness (Floor x Side Board x Head Board)	Applications
16 cum box (with 25% canopy)	6 x 5 x 5	Ores and mineral transport (bauxite, limestone), canal and irrigation projects
14 cum scow (rock body with 100% canopy)	8,4 x 5 x 5	Quarrying and mining

TECHNICAL SPECIFICATIONS

Engine	'H'-series, Common Rail System (CRS), BS III
Maximum power	225 HP @ 2500 rpm
Maximum torque	800 Nm @ 1400-1900 rpm
Clutch	15" diameter (381 mm) Hi-Dur ceramic clutch with clutch boosters
Gear box	9-speed with 8.83:1 FGR and 12.73:1 CGR with cable shift mechanism
Front axle	Forged 'I' section, reverse Elliot type
Rear axle	Fully-floating single-speed hypoid with 6.17:1 RAR
Frame dimension	279 X 90 X 8 mm joggled bolted frame with 6 cross members
Suspension	Front: semi-elliptic, multi-leaf with anti-roll bar and shock absorbers Rear: heavy-duty bogie suspension with V-rod
Brakes	Full-air, dual-line
Parking brakes	Flick-valve operated pneumatic on rear wheels only
Fuel tank capacity	200 L cross-linked polymer tank
Battery	24V (2 x 12V), 150 AH (for AC), 130 AH (for non-AC)
Tyres	11 x 20-16 PR (optional: 11 x 20-18 PR with mine lug)

Specifications are subject to change due to continuous improvements and fabrication tolerance and are for reference only. Do not drill or weld on the frame.



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PERFORMANCE

Max. speed in top gear	80 kmph
Gradeability (with crawler gear)	46.3%

WEIGHT (kgs)

	Unladen	Laden
	16 cum box	14 cum rock
Front axle	4770	4950
Rear axle	7490	8210
Total	12260	13160

SERVICE OFFERINGS



Standard warranty: 3 years / 5000 hours



*2532 & 3132 in prototype stage