

POWER OF ADVANCED EMISSION CONTROL

Our Prima Lx Tippers now come with an advanced active emissions control technology system called **Selective Catalytic Reduction (SCR)**. It injects a liquid reductant agent (Diesel Exhaust Fluid) through a special catalyst into the exhaust stream of a diesel engine, converting NO_x into nitrogen, water and CO₂, which are natural components of the air we breathe.

TECHNICAL SPECIFICATIONS

		PRIMA Lx 2525.K		PRIMA Lx 3125.K
Engine	Model	Cummins ISBe 6.7 BS4		
	Max. Engine Output	180 kW @ 2 500 r/min		
	Max. Torque	950 Nm @ 1 200-1 700 r/min		
	Volume	6 700 cc		
Clutch	Type	Single Plate Dry Friction Type		
	Size	430 mm Diameter		
Gearbox	Model	Tata G 1150 Heavy Duty Gearbox		
	No. of Gears	8 Forward, 1 Crawler & 1 Reverse		
	Gear Ratios	Crawler - 12.87; FGR - 9.14		
Axle	Front Axle Type	Extra Heavy Duty Forged I Beam		
	Rear Axle Type	RA 109 Single Reduction Axle		
	Rear Axle Ratio (RAR)	5.58		
Suspension	Front	Parabolic Leaf Spring		
	Rear	Heavy Duty Bogie Suspension		
	Anti-roll Bar	Both at Front & Rear		
Chassis Frame	Type	Ladder Type Heavy Duty Frame with Riveted & Bolted Cross Members		
	Dimensions	286 mm x 90 mm x 7 mm		
Cabin	Type	Prima Lx Non-sleeper Cabin		
	Air-conditioner	Available		
Wheels & Tyres	Tyre Type	Crossply, Non-mining / Mining		Crossply, Non-mining (Radial optional)
	Tyre Size	11 x 20 16PR Non-mining / 11 x 20 18PR Mining		11 x 20 16PR Non-mining
Performance	Max. Gradeability	49.1% in Crawler		40% in Crawler
Dimensions	Ground Clearance	262 mm		254 mm
	Wheelbase	3 950 mm		5 250 mm
Body	Type	Box	Scoop	Box
	Size	16 CuM	14 CuM	18 CuM, 23 CuM

TATA MOTORS
Connecting Aspirations



BOOST YOUR PRODUCTIVITY. GO WORLD CLASS.

PRIMA Lx BS4



PRIMA Lx 2525.K

PRIMA Lx 3125.K

Higher Fuel Efficiency, Higher Reliability & Longer Service Intervals



Cabin: Comfort Redefined

- Fully air-conditioned, comfortable cabin for higher productivity
- 3-way adjustable seats for continuous operation
- 4-point suspended cabin, lower NVH and higher productivity on all terrains
- Wider glass for better visibility in extremely challenging terrains



Clutch: Larger Clutch Diameter

- Larger 430 mm diameter single plate push type clutch
- Wider contact area, better power transmission
- Higher wear limit thickness, higher clutch life

Body Options



Prima Lx 2525.K
16 CuM Box



Prima Lx 2525.K
14 CuM Scoop



Prima Lx 3125.K
18/23 CuM Box



Heavy Duty Bogie Suspension

- Heavy duty TML inverted bogie suspension
- Service-friendly upward U bolt
- Anti-roll bar for front and rear
- Thicker leaf springs for better load carrying capacity



Heavy Duty Rear Axle

- Heavy duty single reduction rear axle
- Differential lock
- Higher oil drain intervals

HEAVY DUTY AGGREGATES FOR SUPERIOR PERFORMANCE



Engine: Higher Power, High on Performance

- Powerful 180 kW Cummins ISBe 6.7 engine
- Proven CRDi engine with best-in-class performance
- Higher Torque at lower r/min for better gradeability & lesser gear shifts
- Engine Start Stop (ESS) in idling
- Engine exhaust brake



Gearbox: Heavy Duty 9-Speed Gearbox

- Heavy duty Tata G 1150 9-speed gearbox
- Higher gear ratios for better pulling ability
- Higher centre distance between shafts & wider gears for durability
- Serrated output shaft flange
- Longer oil drain interval - 4 000 hrs



Higher Ground Clearance

- Higher ground clearance for all kinds of terrains
- Prima Lx 2525.K - 262 mm
- Prima Lx 3125.K - 254 mm

Gradeability

- Best-in-class gradeability for higher performance
- Prima Lx 2525.K 49.1 % @ Crawler
- Prima Lx 3125.K 40 % @ Crawler

