

\*TECHNICAL SPECIFICATIONS

MODEL	LPK 2523 Fully Built Tipper	
ENGINE		
Engine Type		CUMMINS ISBe5.9 230 40
Max. Engine Output		170 kW @ 2500 r/min
Max. Torque		850 Nm @ 1500 r/min
No. Of Cylinders		6 inline
Engine Capacity		5883 cc
Emission Compliance		BSIV
CLUTCH		
Engine Clutch Type	Single plate dry friction type	
Outside diameter of clutch lining	380 mm	
GEARBOX		
Gearbox Model	TATA G1150 -DD	
No. of Gears	9 Forward + 1 Reverse	
Gear Ratios	C - 12.87, 1st - 9.13	
AXLE		
Front	Extra heavy duty forged I beam Reverse Elliot type	
Rear	RA-109SRT with inter-axle differential lock. extra heavy duty, hypoid gears, fully floating axle shafts	
Rear Axle Ratio	6.14	
SUSPENSION		
Front Suspension	Semi-elliptical leaf spring/Parabolic Front spring with rubber bushings (Ultimaax)	
Rear Suspension	Inverted bogie suspension (NT/MT)/ Ultimaax 37T Rubber Suspension (NT/MT Ultimaax)	
Antiroll Bar	At front & rear	
CHASSIS FRAME		
Chassis Type	Ladder type heavy duty frame	
Long member size	285 mm x 65 mm x 7 mm	
STEERING & CABIN		
Steering	Power Steering	
Steering Wheel Dia.	470 mm Dia.	
Cabin Description	Day Cabin with comfortable adjustable driver seats	

TYRES & BRAKES	
Tyres	10 x 20 16PR Nylon (NT) / 11.00 x 20-18PR Mining (MT)
Front & Rear Brakes	Full Air S-Cam with Automatic Adjuster
Service Brakes	Dual circuit full air S-cam brake
Parking Brake Description	Spring actuated parking brake acting on rear wheels
Auxiliary Braking System	Engine Exhaust Brake
ELECTRICALS	
Battery	12 V x 2 = 24 V, 120 Ah
PERFORMANCE	
Max. Climbing Ability	34% - 1st Gear, 48% in Crawler
Minimum Turning Circle Dia.	17000 mm
Minimum Turning Circle Clearance Dia.	18500 mm
Ground Clearance	NT: 235 mm   MT: 249 mm   NT Ultimaax: 220 mm MT Ultimaax: 229 mm
DIMENSIONS	
Wheelbase	3880 mm
WEIGHT	
Gross Vehicle Weight (GVW)	25000 kg
BSIV TECHNOLOGY & FUEL TANK	
BSIV Technology	Selective Catalytic Reduction (SCR)
Recommended SCR Reagent	Diesel Exhaust Fluid (DEF)
Fuel Tank Capacity	300 l
DEF Tank Capacity	35 l
TIPPER BODY DETAILS	
Standard Tipper Capacity	NT Inv Bogie: 16 CuM Box MT Inv Bogie: 16 CuM Box / 14 CuM Scoop NT Ultimaax: 16 Cum Box MT Ultimaax: 16 CuM Box / 14 CuM Scoop
Tipping Angle	48° to 54°
Cylinder Type	Front end tipping

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Performance that matters

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LPK 2523



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For more information, please email at [construck@tatamotors.com](mailto:construck@tatamotors.com) or visit our website: [www.construck.tatamotors.com](http://www.construck.tatamotors.com). You can also contact our Sales Office: **Tata Motors Limited**, 4th Floor, Ahura Centre, 82, Mahakali Caves Road, MIDC, Andheri (East), Mumbai 400093 or call toll-free no. **18002097979**.



Best-in-Class Warranty

4 Years or 4000 Hrs on Driveline consisting of Engine, Transmission & Rear Axle\*




\*Terms & Conditions Apply




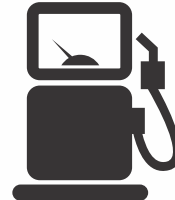




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LPK 2523

<div>TATA Trust</div> <div></div>	Feature	Advantage	Benefit
	Best-in-class Design and Build Quality	TML Trust. India's No.1 Tipper Manufacturer	High Application Suitability
			Higher Life
	Higher Resale Value		
	Best Value Added Services	TATA Delight Loyalty Benefits. Insurance, points	Safety for Drivers & Savings for Owners
Warranty Coverage/AMC & Onsite service	Reliability & Easy Service Support, Customisation Based on Application	Easy Maintenance	
		Better Revenue & Service Support	
<div>Engine</div> <div></div>	World Class Engine Delivering 170 kW Power & Torque upto 850 Nm @ 1500 r/min	Rapid & Refined Power delivery	Higher Engine Life
			Enhanced Driveability
	Fuel Efficiency Technologies	Superior Mileage	Savings in Fuel Cost
	Powerful & Reliable Engine	Higher Durability & Reliability	More No. of Trips
	Engine Exhaust Brakes	Enhanced Safety & Braking Efficiency	Ability to Carry Loads & Navigate Varied Terrains
	Enhanced Fuel Filtration	Better Cold Start	Faster Start
			Lower Maintenance Cost
<div>Gearbox</div> <div></div>	Trusted G1150 Gearbox	Best-in-class Driveability	Less Fatigue
			More Trips & Earning
		Better Mileage	Savings in Fuel Cost
		Better Pulling Ability in Extreme Terrains with Crawler Gear	Easy Gear Shifting
			Vehicle can be Operated for Longer Durations
		Longer Oil Change Intervals	Driver Comfort
Clutch Booster for Reduced Pedal Efforts			

<div>Axles</div> <div></div>	Feature	Advantage	Benefit
	Optimised Rear Axle Ratios (RAR)	Optimised Torque on Wheel Better Torque Delivery	Better Load Carrying
			Better Gradeability & Torque on Wheels
	Higher Pickup and Uptime		
	Long Lasting Performance		
Faster Trip Times and More Number of Trips			
Lower Break Downs and Idling Times			
Low Tyre Wear & Savings on Tyre Costs			
Stronger & Optimised Heavy Duty Axles with Increased Box, Pinion and Ring Gear Size	Controlled Wheel Spin during Slippery Conditions		Better Ability to take Impact Loads
<div>Tyres &amp; Suspension</div> <div></div>	Available with Nylon as well as Mining Tyres Available with Inverted Bogie as well as Ultimaax suspension	Rugged and Reliable	Both Suspensions need Lower Maintenance
		Can be used for Multiple Terrains	No Greasing is Required for Ultimaax
			Riding Comfort, Lower Vibrations, Better Articulation
			Provides Better Road Grip, Larger Tyres
			Provide Better Ground Clearance
<div>Tipper Body</div> <div></div>	Good Body Construction	Suits Multiple Applications Across Markets	Possibility of Putting Vehicle on Road from Day One
	Availability in 16 CuM Box (NT/MT) as well as 14 CuM Scoop Body (MT)	Scoop body is Well Suited for Light Mining, OB Removal, Hydro Power Projects, Irrigation Projects	Lesser Wear & Maintenance
	Box Body Appropriate for Construction Work, Industrial Applications, Movement of Aggregates, Blue Metal, Iron Ore, Limestone, Coal	Faster & Better Tipping	
			Higher Revenue
<div>After Treatment Exhaust System</div> <div></div>	World Renowned Cummins Selective Catalytic Reduction (SCR)	Does not Affect the Engine Unlike Other Techniques	Higher Engine Life
		Better Mileage	Better Power & Torque Delivery
		Better Engine Life	Peace of Mind
	TATA Branded Diesel Exhaust Fluid (DEF) Clean, Safe, Robust and Reliable	Widest Service and Spare Coverage	Better Fluid Economy
		Easy Availability	Lower Total Cost of Ownership
		Better Operating & BSIV Compliant	Higher Resale Value
			Environment Friendly