

*TECHNICAL SPECIFICATIONS

MODEL	LPK 2523 Fully Built Tippers
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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For more information, please email at construck@tatamotors.com or visit our website: 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**.

*Terms & Conditions apply. CAUTION: Accessories shown in the picture or elsewhere do not constitute standard fitment. The specifications are merely indicative. Due to continuous product improvements, these specifications are liable to change without notice.

TATA
Delight



Best-in-Class Warranty

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

*Terms & Conditions Apply

Service Onsite



TATA MOTORS



Performance that matters

TATA
LPK 2523



TATA
CONSTRUCK



TATA LPK 2523

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

	Feature	Advantage	Benefit
Axles 	Optimised Rear Axle Ratios (RAR)	Optimised Torque on Wheel Better Torque Delivery	Better Load Carrying
	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 Suits Multiple Applications across Ride Conditions	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
Tyres & Suspension 	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
			No Greasing is Required for Ultimaax
		Can be used for Multiple Terrains	Riding Comfort, Lower Vibrations, Better Articulation
			Provides Better Road Grip, Larger Tyres
			Provide Better Ground Clearance
Tipper Body 	Good Body Construction Availability in 16 CuM Box (NT/MT) as well as 14 CuM Scoop Body (MT)	Suits Multiple Applications Across Markets Scoop body is Well Suited for Light Mining, OB Removal, Hydro Power Projects, Irrigation Projects Box Body Appropriate for Construction Work, Industrial Applications, Movement of Aggregates, Blue Metal, Iron Ore, Limestone, Coal	Possibility of Putting Vehicle on Road from Day One
			Lesser Wear & Maintenance
			Faster & Better Tipping
			Higher Revenue
After Treatment Exhaust System 	World Renowned Cummins Selective Catalytic Reduction (SCR)	Does not Affect the Engine Unlike Other Techniques Better Mileage Better Engine Life	Higher Engine Life
			Better Power & Torque Delivery
			Peace of Mind
	TATA Branded Diesel Exhaust Fluid (DEF) Clean, Safe, Robust and Reliable	Widest Service and Spare Coverage Easy Availability Better Operating & BSIV Compliant	Better Fluid Economy
			Lower Total Cost of Ownership
			Higher Resale Value
			Environment Friendly