

MODEL	LPK 2523 Fully Built Tippers
ENGINE	
Engine Type	CUMMINS ISBe 5.9 230 40
Max. Engine Output	170 kW @ 2 500 r/min
Max. Torque	850 Nm @ 1 500 r/min
No. of Cylinders	6 Inline
Engine Capacity	5 883 cc
Emission Compliance	BS4

CLUTCH	
Engine Clutch Type	Single Plate Dry Friction
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 - 109 SRT 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) or Ultimaax 37T Rubber Suspension (NT/MT Ultimaax)

Anti-roll Bar	At Front & Rear
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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
Cabin Description	Day Cabin with Comfortable Adjustable Driver Seat

TYRES & BRAKES	
Tyres	10 x 20 16 PR Nylon (NT)/ 11.00 x 20 - 18 PR Mining (MT) 11.00 x 20 Nylon - Optional on Demand
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 % - Crawler
Minimum Turning Circle Dia	17 000 mm
Minimum Turning Circle Clearance Dia	18 500 mm
Ground Clearance	NT Inv. Bogie: 235 mm MT Inv. Bogie: 249 mm
	NT Ultimaax: 220 mm MT Ultimaax: 229 mm

DIMENSIONS	
Wheelbase	3 880 mm

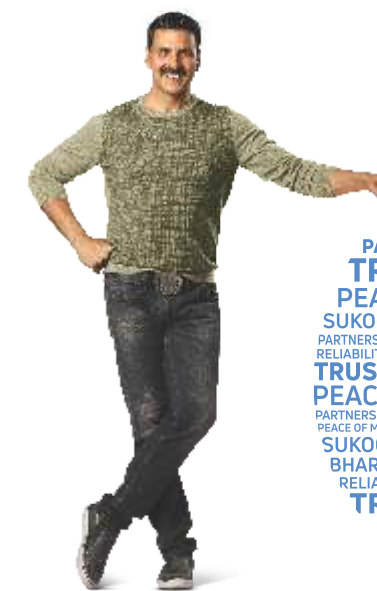
WEIGHT	
Gross Vehicle Weight (GVW)	25 000 kg

BS4 TECHNOLOGY & FUEL TANK	
BS4 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
Tipping Angle	48 to 54 degree
Cylinder Type	Front End Tipping

Specifications are subject to change without prior notice. These are indicative photos, specifications for reference only.

Sampoorna khayal har kadam.

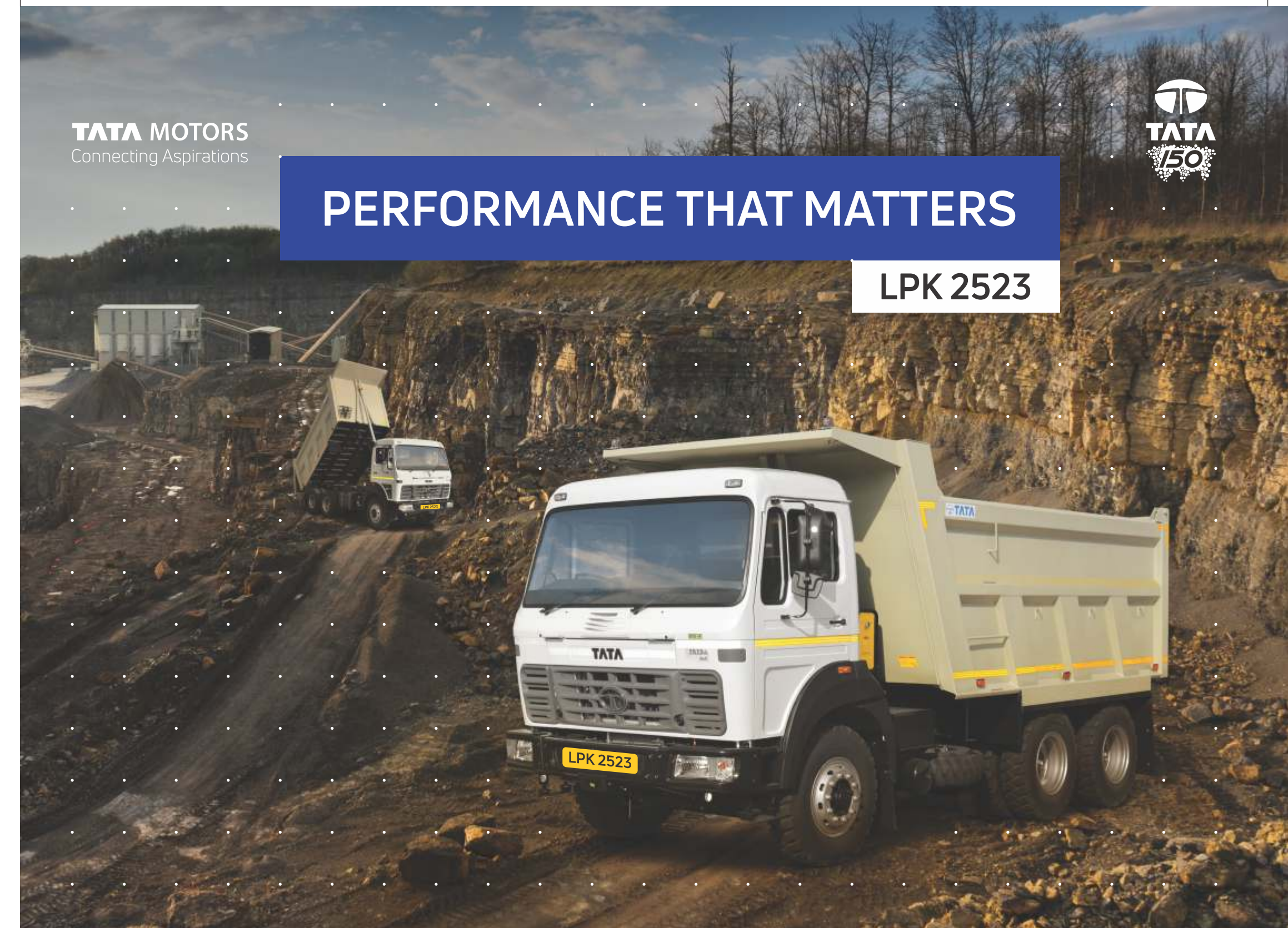


TATA MOTORS

For more information, please e-mail 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 - 400 093 or call toll-free no. 1800 209 7979.

*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.

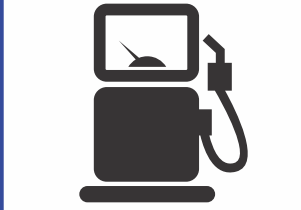
Tata Motors Ka Bharosa Rahe Aapke Saath Har Kadam



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
			Higher life
			Higher resale value
	Best Value Added Services	TATA Delight loyalty benefits, insurance, points	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 number 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
			Savings in fuel cost
			Easy gear shifting
			Vehicle can be operated for longer durations
		Better pulling ability in extreme terrains with crawler gear	Longer oil change intervals
			Clutch booster for reduced pedal efforts
			Driving comfort

	FEATURE	ADVANTAGE	BENEFIT
Axles 	Optimised Rear Axle Ratios (RAR)	Optimised torque on wheel	Better load carrying
		Better torque delivery	Better gradeability & torque on wheels
	Stronger & Optimised Heavy Duty Axles with Increased Box, Pinion and Ring Gear Size	Controlled wheel spin during slippery conditions	Higher pickup and uptime
Tyres & Suspension 	Available with Nylon as well as Mining Tyres Available with Inverted Bogie as well as Ultimaax Suspension	Better ability to take impact loads	Long lasting performance
		Suits multiple applications across ride conditions	Faster trip times and more number of trips
	Can be used for multiple terrains		Lower breakdowns and idling times
			Low tyre wear & savings on tyre costs
Tipper Body 	Good Body Construction Availability in 16 CuM Box (NT/MT) as well as 14 CuM Scoop Body (MT)	Rugged and reliable	Both suspensions need lower maintenance
			No greasing is required for Ultimaax
	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	Can be used for multiple terrains	Riding comfort, lower vibrations, better articulation
			Provides better road grip, larger tyres
After Treatment Exhaust System 	World-renowned Cummins Selective Catalytic Reduction (SCR)	Does Not Affect the Engine Unlike Other Techniques	Provides better ground clearance
		Better mileage	
	TATA Branded Diesel Exhaust Fluid (DEF) Clean, Safe, Robust and Reliable	Better engine life	
		Widest service and spare coverage	
		Easy availability	Higher engine life
			Better power & torque delivery
			Peace of mind
			Better fluid economy
		Better operating & BS4 compliant	Lower total cost of ownership
			Higher resale value
			Environment-friendly



New Improved Day Cabin



Truck Ventilation:
Blower & AC Options Available



Ergonomic Dashboard Design



Advance Instrument Cluster



Clear Lens Wraparound Headlamp



Pendant Type Accelerator
and Clutch Pedal



Comfortable Interiors



Optional Feature: Ultimaax Suspension



Fuel Economy Switch