

LPK 2518 Tippers	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
	Warranty Coverage/AMC & Onsite Service	Reliability & easy service support, customisation based on application	Easy maintenance Better revenue & service support Higher engine life Enhanced driveability
Engine	World Class Engine	Rapid & refined power delivery	Higher engine life Enhanced driveability
	Fuel Efficiency Technologies	Superior mileage Lower hourly consumption of fuel	Savings in fuel cost
	Enhances Fuel Filtration & Optimal Torque	Higher durability & reliability Better cold start	More number of trips Ability to carry loads, navigate terrains Faster start
	Enhanced Oil Drain Interval	Lower maintenance	Savings in lubrication costs
Gearbox	Trusted Gearboxes - Options of 6-speed & 9-speed	Best-in-class driveability	Longer life & lesser wear and tear
		6-speed gearboxes are designed for higher fuel efficiency at rated loads 9-speed gearbox vehicles have optimised RAR for high gradients or difficult road conditions	Easy driving with less fatigue More trips & higher earnings Savings in fuel cost
Axles	Optimized Rear Axle Ratios (RAR) - Stronger Axles	Stronger & optimised axles - Options of leaf spring and inverted bogie suspension	Better load carrying Better gradeability & torque on wheels Higher pickup and uptime Better trip times Wider range to choose from. Choose vehicle based on your application
			Designed as per Indian road gradients Low tyre wear
			Possibility of putting vehicle on road from day one
Tipper Body	Good body construction, better hydraulics. Fully built options of 14 CuM/16 CuM/20 CuM Box Body and other options to choose from	Suits multiple applications across markets like movement of aggregates, blue metal, limestone & coal	Lesser wear & maintenance Faster & better tipping Higher revenue
			Peace of mind as wear and tear are minimal Saving in fuel cost Better power & torque delivery Higher engine life
After Treatment Exhaust System	World Renowned Cummins Selective Catalytic Reduction (SCR)	Does not affect the engine unlike other techniques Better mileage Better engine performance	Peace of mind as wear and tear are minimal Saving in fuel cost Better power & torque delivery Higher engine life
	Tata Branded Diesel Exhaust Fluid (DEF)	Widest service and spare coverage Easy availability at Tata workshops	Better fluid economy
	Clean, Safe, Robust and Reliable	Better operating & BS4 compliant	Lower total cost of ownership Higher resale value Environment-friendly

## TATA 6-YEAR WARRANTY

Sampoorna khayal har kadam.



### TATA MOTORS

For more information, please e-mail 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 - 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



TATA MOTORS  
Connecting Aspirations



# TOUGH CONDITIONS EXTRA TOUGH PERFORMERS

LPK 2518



Trusted & well-accepted | Lower cost of ownership | Suited for multiple applications & terrains | Rugged & reliable



## TECHNICAL SPECIFICATIONS

MODEL	LPK 2518 6S 14 CuM	LPK 2518 9S 16 CuM	LPK 2518 9S HD 16 CuM	LPK 2518 6S 20 CuM
<b>ENGINE</b>				
Engine Type	CUMMINS ISBe 5.9 180 40	CUMMINS ISBe 5.9 180 40	CUMMINS ISBe 5.9 180 40	CUMMINS ISBe 5.9 180 40
Max. Engine Output	134 kW @ 2 500 r/min	134 kW @ 2 500 r/min	134 kW @ 2 500 r/min	13 kW @ 2 500 r/min
Max. Torque	700 Nm @ 1 500 r/min	700 Nm @ 1 500 r/min	700 Nm @ 1 500 r/min	700 Nm @ 1 500 r/min
No. of Cylinders	6 Inline	6 Inline	6 Inline	6 Inline
Engine Capacity	5 883 cc	5 883 cc	5 883 cc	5 883 cc
Emission Compliance	BS4	BS4	BS4	BS4
<b>CLUTCH</b>				
Engine Clutch Type	Single Plate Dry Friction	Single Plate Dry Friction	Single Plate Dry Friction	Single Plate Dry Friction
Outside Diameter of Clutch Lining	380 dia Organic Clutch	382 dia Organic Clutch	383 dia Organic Clutch	381 dia Organic Clutch
<b>AXLE</b>				
Front	Extra Heavy Duty Forged I Beam, Reverse Elliot Type	Extra Heavy Duty Forged I Beam, Reverse Elliot Type	Extra Heavy Duty Forged I Beam, Reverse Elliot Type	Extra Heavy Duty Forged I Beam, Reverse Elliot Type
Rear	RA 109 SRT, Extra Heavy Duty, Hypoid Gears, Fully Floating Axle Shafts	RA 109 SRT, Extra Heavy Duty, Hypoid Gears, Fully Floating Axle Shafts	RA 109 SRT, Extra Heavy Duty, Hypoid Gears, Fully Floating Axle Shafts	RA 109 SRT, Extra Heavy Duty, Hypoid Gears, Fully Floating Axle Shafts
Rear Axle Ratio	6.83	6.42	6.42	6.83
<b>SUSPENSION</b>				
Suspension	Semi-elliptical Leaf Spring at Front and Rear, with Anti-roll Bar at Front Axle	Semi-elliptical Leaf Spring at Front and Rear, with Anti-roll Bar at Front Axle	Semi-elliptical Leaf Spring at Front and Rear, with Anti-roll Bar at Front & Rear	Semi-elliptical Leaf Spring at Front and Rear, with Anti-roll Bar at Front Axle Optional - Inverted Bogie at the Rear
<b>CHASSIS FRAME</b>				
Chassis Type	Ladder Type Heavy Duty Frame	Ladder Type Heavy Duty Frame	Ladder Type Heavy Duty Frame	Ladder Type Heavy Duty Frame
<b>STEERING &amp; CABIN</b>				
Steering	Hydraulic Power Steering	Hydraulic Power Steering	Hydraulic Power Steering	Hydraulic Power Steering
Steering Wheel Dia	470 mm	470 mm	470 mm	470 mm
Cabin Description	Comfortable Steel Cabin	Comfortable Steel Cabin	Comfortable Steel Cabin	Comfortable Steel Cabin

MODEL	LPK 2518 6S 14 CuM	LPK 2518 9S 16 CuM	LPK 2518 9S HD 16 CuM	LPK 2518 6S 20 CuM
<b>TYRES &amp; BRAKES</b>				
Tyres	10.00 x 20 - 16 PR	10.00 x 20 - 16 PR	10.00 x 20 - 16 PR	10.00 x 20 - 16 PR
Front & Rear Brakes	Full Air S-Cam with Automatic Adjuster	Full Air S-Cam with Automatic Adjuster	Full Air S-Cam with Automatic Adjuster	Full Air S-Cam with Automatic Adjuster
Service Brakes	Dual Circuit Full S-Cam Brake	Dual Circuit Full S-Cam Brake	Dual Circuit Full S-Cam Brake	Dual Circuit Full S-Cam Brake
Parking Brake Description	Spring Actuated Parking Brake Acting on Rear Wheels	Spring Actuated Parking Brake Acting on Rear Wheels	Spring Actuated Parking Brake Acting on Rear Wheels	Spring Actuated Parking Brake Acting on Rear Wheels
Auxiliary Braking System	Engine Exhaust Brake	Engine Exhaust Brake	Engine Exhaust Brake	Engine Exhaust Brake
<b>ELECTRICALS</b>				
Battery	12 V x 2 = 24 V, 120 Ah	12 V x 2 = 24 V, 120 Ah	12 V x 2 = 24 V, 120 Ah	12 V x 2 = 24 V, 120 Ah
<b>PERFORMANCE</b>				
Max. Climbing Ability (1st Gear)	27 % - First Gear	41.65 % - Crawler Gear, 28 % - First Gear	41.65 % - Crawler Gear, 28 % - First Gear	27.5 % - First Gear
Minimum Turning Circle Dia	17 000 mm	17 000 mm	17 000 mm	18 500 mm
Minimum Turning Circle Clearance Dia	18 500 mm	18 500 mm	18 500 mm	20 400 mm
Ground Clearance	235 mm	235 mm	235 mm	235 mm
<b>DIMENSIONS</b>				
Wheelbase	3 880 mm	3 880 mm	3 880 mm	4 880 mm
Length	7 103 mm	7 103 mm	7 060 mm	8 530 mm
<b>WEIGHT</b>				
Gross Vehicle Weight (GVW)	25 000 kg	25 000 kg	25 000 kg	25 000 kg
<b>BS4 TECHNOLOGY &amp; FUEL TANK</b>				
BS4 Technology	Selective Catalytic Reduction (SCR)	Selective Catalytic Reduction (SCR)	Selective Catalytic Reduction (SCR)	Selective Catalytic Reduction (SCR)
Recommended SCR Reagent	Diesel Exhaust Fluid (DEF)	Diesel Exhaust Fluid (DEF)	Diesel Exhaust Fluid (DEF)	Diesel Exhaust Fluid (DEF)
Fuel Tank Capacity	300 l	300 l	300 l	300 l
DEF Tank Capacity	35 l	35 l	35 l	35 l
<b>TIPPER BODY DETAILS</b>				
Standard Tipper Capacity	14 CuM	16 CuM	16 CuM/14 CuM (Optional)	20 CuM
Tipping Angle	46 to 52 degree	46 to 52 degree	48 to 54 degree	43 to 49 degree
Cylinder Type	Front End Tipping	Front End Tipping	Front End Tipping	Front End Tipping

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

## ADVANCE FEATURES



**Tata Cummins ISBe 5.9 BS4 Engine**  
Fuel efficiency technologies for better mileage & fluid economy



**6-speed & 9-speed Gearbox**  
Proven & reliable



**Axles & Suspension**  
Strong & rugged axles; leaf spring or inverted bogie suspension



**Optimised Gear Ratios**  
Better performance & gradeability



**Suited for Multiple Applications & Terrains**  
Coal, blue metal, sand aggregates, surface movement & other applications



**Higher Profits**  
Lower maintenance, more trips, better revenue



**Advanced Instrument Cluster**



**Ergonomic Dashboard Design**



**Comfortable Day Cabin**



**Also available LPK 2518/48 20CuM with Bell Crank (STD) / Inverted Bogie Suspension (HD)**

