TECHNICAL SPECIFICATIONS

Model	LPT 1618 5 l Turbotronn	LPT 1618 5 l Advantage
ENGINE		
Model	5 L Turbotronn DICR BS4	Fuel intelligent
Туре	Compression ignition	Flattest torque curve in industry for class-leading fuel economy
	Water-cooled direct injection turbocharged inter-cooled common rail diesel engine	Max. torque for excellent driveability Lesser no. of gear shifts for fatigueless driving
No. of Cylinders	4 inline	Highest low-end torque for easy restartability
Bore/Stroke	112 mm x 127 mm	Superior wheel traction and pulling power
Capacity	5 005 cc	Benchmark capability of gradient negotiation
Max. Engine Output	132 kW @ 2 400 r/min	Increased life of fuel injector and fuel filter
Max. Torque	590 Nm @ 1 000 - 2 000 r/min	
Fuel Filter	2-stage fuel filtration pre & main fuel filter with water separator	
DRIVELINE & CHASSIS		
CLUTCH		
Туре	Single pate dry friction type booster assisted; 352 mm dia	Organic clutch for smooth and efficient engine torque transfer
51		Longer clutch life No maintenance No burning No wear adjustment
GEARBOX		
Model	G750 6 F + 1 R	Proven and reliable high capacity 6S transmission to suit multitude of applications & operating terrain delivering
Gear Ratio	9.19, 4.983, 2.967, 1.933, 1.397, 1 Rev - 8.128	optimum wheel torque, gradeability and fuel-efficiency
Gear Shift	Cable operated with dashboard mounted gear shift lever	Extended driving comfort from dash mounted gear lever
REAR AXLE		
Model	MS 13-145 M/s Meritor Make	World-class Meritor Make rear axle with shallower RAR coupled with higher engine torque and
Description	Single reduction hypoid gears Fully floating axle shafts	deeper transmissions ratios High efficiency drivetrain
Ratio	RAR: 4.11	Suits optimal torque at wheel and mileage requirement for the widest range of applications and operating gradients
FRONT AXLE		
Туре	7T extra heavy duty forged I beam	Proven FA with enhanced forging with best-in-class durability and excellent tyre life
51	Reverse elliot type	
FRAME & SUSPENSION		
Туре	Ladder type heavy duty frame High strength HS 800 long member	Chassis with optimised weight & stiffness
	Front suspension: Option of parabolic and multi leaf semi-elliptical	Best-in-class vehicle handling Higher durability & strength
	Rear suspension: Multi leaf semi-elliptical with aux spring	Superior load bearing capacity suitable for all terrain of load
		Superior riding comfort Better shock insulation Better stress prevention Better road stability Higher bump factor
PERFORMANCE, TYRES & G\	/w	
STEERING		
Туре	Power assisted - hydraulic; 23.6:1	Ergonomic steering wheel with higher stg. ratio for easy driving and maneuverability
BRAKES		
Туре	Drum-drum configuration with BS 180 mm width Masu NA 1 707 liner	Air drum brakes for better safety, reliability & minimal maintenance
PERFORMANCE		
Wheelbase	4 225 mm 4 855 mm 5 195 mm 6 750 mm	Choice of 4-deck lengths across 4 wheelbases
		Clinically designed axle spacing for better load distribution across applications
Gradeability	32.7 % at rated GVW	Highest gradeability to suit applications across terrains
Min. Turning Circle Dia.	16 700 mm	Low TCD for easy maneuverability
TYRES		
Size & Type	10 R 20 16 PR radial tube	Radial tyres
	295/80R22.5 tubeless radial (option)	Superior mileage
		Higher tread life & traction
		Greater productivity & riding comfort
VENTILATION		
Туре	Forced ventilation (Blower)	Conducive for body building
		Lower operating cost
EMISSION CONTROL		

TATA MOTORS NSULTANCE (xperience the best)
pecifications are merely indicative.

TATA GENUINE PARTS

TATA SURAKSHA

TATA PROLIFE

TATA KAVACH

ATA ALES

ΤΛΤΛ Genuine **Parts**

Engineered to go the distanc

Tata Motors Ka Bharosa Rahe Aapke Saath Har Kadam

TATA MOTORS

TATA FLEETMAN AAPKE SAATH HAR KADAM

ATA MOTORS INSURANCE

6 YEAR WAR

TATA DELIGHT

TATA OK

Service-Anywhere, Anytime

YEAR

6 SAAL. AAPKA KHAYAL.

FleetMân

eet Telematics for higher productivity

Delight Har Kadam Par K

ÖK

TATA MOTORS Certified

SERVICE & MAINTENANCE

Maintenance: Service Interval	km	The 1618 5 l Advantage
Engine Oil Drain Interval	80 000	
Gearbox Oil Change Interval	1st: 1 20 000	Enhanced service intervals
	2nd: 1 60 000	Minimal maintenance cost
Axle Oil Change Interval	1st: 1 20 000	Higher uptime & TAT
	2nd: 1 60 000	Unmatched reliability
Hub Greasing Interval	1st: 1 20 000	Maximum profitability
	2nd: 160 000	Synthetic grease for higher life
Oil Filter Change Frequency	80 000	& temperature resistance
Fuel Filter Change Frequency	80 000	
Air Filter Cartridge Change Frequency	80 000	
Coolant Change Frequency	2 40 000	
Durability		
Warranty: Vehicle & Driveline	Driveline:	Best-in-industry aggregate,
	6-year/6 lakh km	durability & design life
	Vehicle:	Minimal service cost
	3-year/3 lakh km	Best resale value
		Best-in-class tyre mileage
		Peace of mind

FREE SERVICES - LPT 1618 5 l

Sr.	Free Service	km	Months
1	PDI	At the time of delivery of vehicle	
2	Wheel Alignment	3 000 - 5 000	
3	First Service	79 500 - 80 500	12
4	Second Service	1 59 500 - 1 60 500	24
5	Third Service	2 39 500 - 2 40 500	36

TATA MOTORS

For more information, please visit our website: www.tatatrucks.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 as per the policy of ITGI. Insurance available on light, intermediate & heavy commercial vehicles. 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.





LPT 1618

SL TURBOTRONN

HIGHER PICKUP QUICKER DELIVERIES

16 200 kg Gross Vehicle Weight

LPT 1618

DUMDAAR PERFORMANCE. SHANDAAR MILEAGE.

PRESENTING TURBOTRONN ENGINE

- Best-in-Segment Fuel Economy
- Up to 7 00 000 km of Engine Life
- Superior Reliability
- Low Maintenance Cost
- BS4 to BS6 Emission Protection
- Higher Power and Torque
- Powerful Performance

TURBOTRONN

THE FUEL-INTELLIGENT ENGINE



SL TURBOTRONN

AN ENGINEERING EXCELLENCE

- 1800 bar common rail FIE
- Solenoid injectors
- Waste gate turbocharger
- SOHC | 4 valves/cylinder for high power density
- Multilayered steel cylinder head gasket
- Rear timing gear drive

- Aluminium Piston | Fracture split connecting rod
- Centrifuge oil filter for enhanced oil change interval
- Bed plate for improved NVH and low distortion
- DC motor linear Electrical EGR with EGR cooling
- Laminated sheet oil sump
- Low power consuming 24-inch e-viscous fan

E-Comm Features

CCTV Camera	\checkmark
Door Opening sensor	\checkmark
Hidden Lock with OTP	×
Anti-fuel theft system	\checkmark
Temporary partition	×
Side Door	\checkmark
Load sensor with GPS tracking	\checkmark
2nd Camera inside container	\checkmark
Cabin Camera	\checkmark
Touchpad	\checkmark
Monotring during Ignition off	\checkmark
Rear View camera	\checkmark

KEY FEATURES	

CUSTOMER BENEFITS



India's first MCV Cowl with "Fuel-Intelligent" 5 l 4-cylinder Turbotronn engine



nearest competition

2 30 000 more operating profit over nearest competition

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Dimensions	
External	9 450 mm x 2 590 mm x 2665 mm
Internal	9 320 mm x 2 525 mm x 2 440 mm
Side Panel	
Гуре	MS Corrugated Panels
Thickness	1.6 mm
Floor	
Туре	MS Chequered Sheet
Thickness	3.15 mm
Roof Panel	
Туре	MS Embossed Panels
Thickness	1.6 mm
Tail Door	
Туре	270° Opening Doors with EPDM Rubber
Paint	
Туре	2K PU Paint
Other fitments	
Lamp inside container • Regulatory parts • Temporary partition	



Description	Wheelbase	Applications
LPT 1618 / 42 5 l Cowl Turbotronn	4 225	Packed LPG, POL Tanker, Cement Bags, Industrial Goods, Agri Products, Construction Aggregates, Sand, MLO, Timber, Sugarcane, Fisheries, Poultry, Milk/Edible Oil Tankers, Road Sweeper, Garbage Compactor and Water Tankers
LPT 1618 / 48 5 l Cowl Turbotronn	4 855	Industrial Goods, Auto Components, Parcel, Industrial Coils, Cotton & Hosiery, CNG Caskets, Industrial Coils & Cables, Marbles & Tiles, Paper and MLO
LPT 1618 / 52 5 l Cowl Turbotronn	5 195	Reefers, E-commerce and Parcel & Courier
LPT 1618 / 68 5 l Cowl Turbotronn	6 750	Auto Logistics, White Goods, FMCG, E-commerce and Reefers



GEARBOX G750 6-SPEED



WORLD-CLASS MERITOR MAKE REAR AXLE

GEAR SHIFT ADVISOR

Gear Shift Advisor System Architecture



$\begin{array}{|c|c|c|} \hline \ \ Dirich Control Cont$

Advise Up/Down (🔺 🔻) shifts considering:

- Efficient operating zones of the engine
- Driver intent: Coast | Drive | Accelerate
- Vehicle situations: Uphill/Downhill | Acc./Dec. Empty/Loaded
- Real-time engine torque monitoring