



Tata LPT 809 Ex

With 5.4 Ton Payload Capacity



TRUCKS & BUSES FROM
TATA MOTORS

5.4T Payload ■ Turbo-Charged Intercooled Engine ■ Air Brakes ■ Deluxe Cabin

TATA LPT 809 Ex

SPECIFICATIONS

ENGINE

| | |
|---------------------|------------------------------------|
| ENGINE | : TATA 497 TCIC(Bharat Stage-II) |
| Type | : Turbo Charged Intercooled Engine |
| Max. Engine Output | : 66.3 KW @ 2400 rpm |
| Max. Torque | : 325 Nm @ 1300-1600 rpm |
| Air Filter | : Dry type |
| Fuel Filter | : Two stage fine filtration |
| Fuel Injection Pump | : Rotary pump (MICO) |

CLUTCH

: Single plate dry friction type, 280 mm

GEAR BOX

| | |
|-----------------|---|
| GEAR BOX | : GBS27 Synchromesh, 5 Forward 1 Reverse |
| Gear Ratios | : 1st 7.36; 2nd 4.38; 3rd 2.48; 4th 1.58; 5th 1; Reverse -6.67 |

REAR AXLE

: Single reduction, hypoid gears, fully floating axle shafts

Ratio : 4.125:1

STEERING

: Variable ratio - mechanical

Ratio : 35-40:1

Brakes

| | |
|----------------------|--|
| Service Brakes | : Dual circuit full air S-Cam brake |
| Parking Brakes | : Spring actuated parking brakes acting on rear wheels |
| Engine Exhaust Brake | : Coupled with service brake |

FRAME

: Ladder type frame with rivetted / bolted cross members

Long Member Size (mm) (DxWxT) : 200 x 60 x 5

SUSPENSION

| | |
|-------------------|--|
| SUSPENSION | : Semi-elliptical springs at front & rear |
| Shock Absorbers | : Hydraulic double acting telescopic at front & rear |

WHEELS & TYRES

| | |
|---------------|----------------------------------|
| Size | : 7.50x16, 16PR |
| Wheel Rims | : 6.00 Gx16 SDC |
| No. of Wheels | : Front - 2, Rear - 4, Spare - 1 |

FUEL TANK CAPACITY

: 90 litres

ELECTRICAL SYSTEM

| | |
|--------------------------|------------------------|
| System Voltage | : 12 volts |
| Alternator (Max. Output) | : 35 amps |
| Battery | : 12V, 120 Ah capacity |

PERFORMANCE

| | |
|-----------------------------------|----------------------------------|
| Max. Climbing Ability in 1st Gear | : 25% |
| Min. Turning Circle Dia (m) | : 12.3 (3400 WB), 13.5 (3800 WB) |

WEIGHTS

| | | |
|--------------------------|--------|------|
| Wheel Base (mm) | : 3400 | 3800 |
| Max Permissible FAW (Kg) | : 3160 | 3160 |
| Max Permissible RAW (Kg) | : 5560 | 5560 |
| Max Permissible GVW (Kg) | : 8720 | 8720 |
| Max Payload* (Kg) | : 5408 | 5318 |

* For Cab & Load Body version as per IS:9211

DIMENSIONS

| | 3400 WB | 3800 WB |
|-----------------------------|------------------|----------------|
| Cab Load Body (mm) | : 4381x2042x603 | 5050x2042x603 |
| Cab High Deck Loadbody (mm) | : 4342x2014x1773 | 5062x2074x1713 |



Cab Chassis



Cab Load Body



High Deck Load Body

CAUTION : Do not weld or drill on chassis frame. Accessories shown in the picture or elsewhere do not constitute standard fitment. Specifications are merely indicative. Due to continuous developments or product improvements, these specifications are liable to change without notice. For further details, please contact: Tata Motors Limited, Commercial Vehicle Marketing Office: 26th Floor, Centre 1. World Trade Centre, Cuff Parade, Mumbai 400 005. Tel: 66561800, Fax: 66360410. www.tatamotors.com You can also call at our 24-Hour Toll-free number **1800 22 5370**