





SPECIFICATIONS

TATA LPO 1318 TC

DIMENSIONS

Wheelbase	: 5.55 m
Overall Length	: 10.7m
Max. Width	: 2.45m
Height	: 3.17m

ENGINE

Model	: CUMMINS B180 20
TYPE	: Water cooled ,Turbo charged inter-cooled
No. of cylinders	: 6 inline
Bore/ Stroke	: 102 mm x 120 mm
Capacity	: 5883 cc
Max. Engine Output	: 134 kW (182 PS)at 2250 rpm
Max.Torque	: 654 Nm @ 1500 RPM
Emission Norm	: EURO-II

FRAME

:	Ladder type heavy duty frame with rivetted/bolted cross members
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SUSPENSION

Type	: Semi Elliptical Leaf Spring at front and rear,Optional-Weveller
Anti Roll Bar	: At front axle only
Shock Absorbers	: Hydraulic double acting telescopic type at front and rear

BRAKES

Service Brakes	: Fully duplicated, full air S-CAM brake
Parking Brakes	: Hand operated Type - Spring actuated parking brake acting on rear wheels
Brake Drum diameter	: 410 mm

WHEELS & TYRES

Tyres	: 11R22.5 - 16 PR
Wheel rims	: 8.25x22.5
No. of wheels	: Front - 2 Rear - 4 Spare - 1

CLUTCH

Type	: Single plate dry friction type
Diameter of clutch lining	: 352 mm

GEARBOX

Model	: G600 with overdrive
No. of gears	: 6 forward, 1 Reverse

FRONT AXLE

: Heavy duty Forged I beam, Reverse Elliot type
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REAR AXLE

Type	: TATA RA - 109 RR Single reduction hypoid gears, fully floating axle shafts
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STEERING

Type	: Integral hydraulic power assisted steering
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No. of wheels	: Front - 2 Rear - 4 Spare - 1
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ELECTRICAL SYSTEM

System Voltage	: 24 volts
Alternator capacity	: 45 Amps
Battery	: 2x12 Volts, 180 Ah
Windscreen Wiper	: 2 speed and intermittent wipe

FUEL TANK

Capacity	: 250 litres
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WEIGHTS

Max. Permissible FAW	: 6000 kg
Max. Permissible RAW	: 10200 kg
Max. Permissible GVW	: 16200 kg

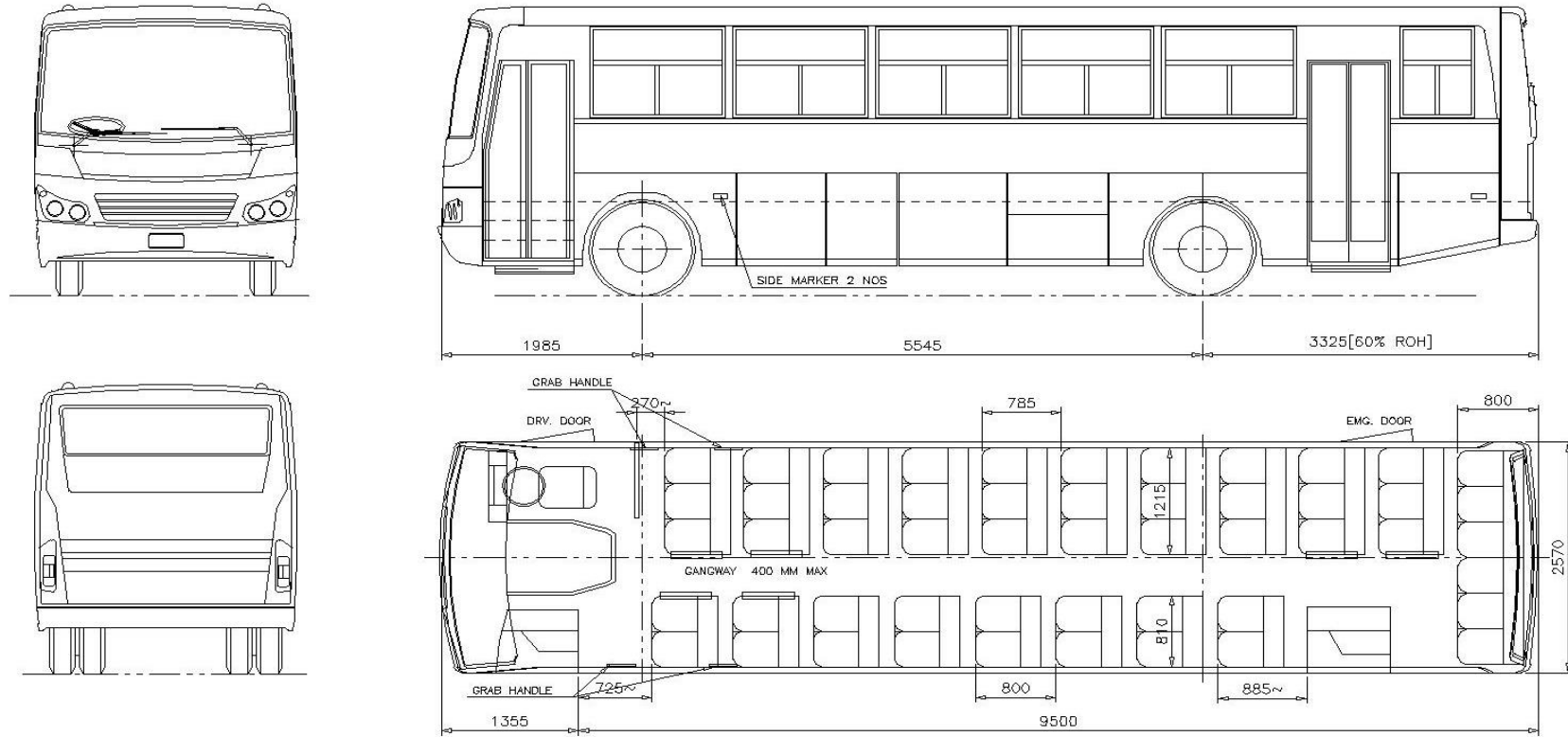
PERFORMANCE

Max. climbing ability in 1 st gear (with std. gear box & rear axle)	: 30%
Max. geared speed in top gear (with std. rear axle)	: 96 kmph
Minimum turning circle diameter	: 20.4 metres

LPO 1318 - Brief Specifications (Body)



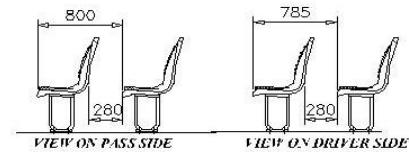
1	Body structure	Tube of galvanised of 120 GSM will be used. Zink chromate primer to be applied to enhance the salt sprey life.
2	Front and rear face	Comfort Bus Model. Front and Rear Face in FRP
3	Exterior Panelling	Skirt and roof panels in aluminium. Stretch panel in GP.
4	Interior Panelling	PVC coated GP panels in ottis grey colour
5	Flooring	Flat flooring with 3.0mm thk aluminium chequered plate fitted with positive fastning with tap screw. Nuts will be used at accessible locations. All lapping to be sealed.
6	Passenger doors	02 nos. pneumatic jack knife door with locking arrangement. Passenger door apperture to be 810 +/- 25mm and passanger door clear opening will be 650+/-20mm. Passenger door will be as per OEM design
7	Passenger seats	52 nos 3x2 layout Anti vandal plastic moulded seats with soft type seating and backrest cushion. Seating layout as per offer drawing. Fire retardent material to be used for seats.Armrest to be provided for front 2 rows of LH and RH seats and 2 nos RH seats infront of rear door.Seat belt to be provided for front row of seats.Grab handle to be provided for front two rows of seats.
8	Emergency Exit	Hinged type door to be provided at driver side with locking arrangements. Tower bolt to be provided from inside of bus.
9	Driver door	To be provided with sliding glass window with clear glass
10	Side Windows	Top 1/3rd fixed & bottom 2/3rd sliding. Window frame to be black powder coated
11	Step	Three riser step covered with 3.0mm thk aluminium chequered plate. Both front and rear step to be provided with pnumatically operated retractable step.Retractable step height shall not be more than 350mm.
12	Body Insulation	Thermocol insulation to be provided at side and roof.
13	Driver Ventilator	Driver's leg ventilator and driver roof ventllator to be provided
14	Hatrack	Sleek grill type hatrack to be provided
15	Roof grab rail	One line of m.s. pipe grey powder coated to be provided. Two nos hand straps to be provided in each span.
16	Window guard rail	Not to be provided
17	Driver seat	Suspended Mechanical type driver seat with headrest to be provided.



NOTE:

- 1) ALL DIMENSIONAL TOLERANCE WHEREVER NOT SPECIFIED WILL BE STRICTLY AS PER ACGL STANDARD
- 2) THIS IS TENTATIVE OFFER DRAWING. SEAT LAYOUT AND OTHER AGGREGATES PLACEMENT MAY CHANGE DURING EXECUTION OF BUS

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2	VJM	DPD	19/4/18		RETRACTABLE STEP SHOWN FOR FRONT AND REAR DOOR.
1	VJM	DPD	8/4/18		
SR.NO.	DRN.	CHD.	DATE	MOD.NO.	CUSTOMER - TATA MOTORS



SEATING CAPACITY		NOTE:- 1. ALL DIMENSIONS ARE IN MM. 2. ALL FITMENTS AND DETAILS TO BE AS PER SPECIFICATION SHEET. 3. SUBJECT TO CHANGE WITHOUT NOTICE. 4. DRAWING DRAWN IN LADEN CONDITION. CHASSIS MODEL LP0 1318/55 (RHD) DRAWING NO. 1000 1922 CA
PLASTIC MOULDED SEATS	52	
FOLDING SEATS		
STANDING		
CREW	1	
TOTAL	53	

Automobile Corporation of Goa Limited, Honda - Goa