

SPECIFICATIONS

TATA SE 1613 Turbo BS II



ENGINE	: Tata 697 TC IC engine
Type	: Turbo Charged Intercooled Diesel Engine
No. of Cylinders	: 6 Inline
Capacity	: 5883cc
Air Filter	: Dry type, remote Mounted
Max. Engine Output	: 129 HP (96 kw) at 2400 rpm
Max. Torque	: 41kgm. (410 Nm) at 1400-1700 rpm
Fuel Injection Pump	: Rotary, Mico

CLUTCH	: 330 mm dia. single disc dry friction type
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GEAR BOX	: Tata GBS 40
Type	: Synchromesh on all forward gears & constantmesh on reverse gear
No. of gears	: 5 Forward, 1 Reverse

FRONT AXLE	: Heavy duty, Forged I beam, Reverse Elliot Type
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REAR AXLE	: Tata RA 108 RR / Tata RA 109 RR
Type	: Single reduction, fully floating axle shafts.
Ratio	: 5.857 :1 (41 / 7)

STEERING	: Power Steering 20.2 : 1
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FRAME	: Ladder type heavy duty frame with rivetted/bolted cross members. Depth-223mm, Width-60mm, Thick-7mm
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SUSPENSION	: Semi-elliptical leaf spring at front & rear
Shock Absorbers	: Hydraulic double acting telescopic type at front only.

BRAKES	
Service Brakes	: Dual circuit full air S-Cam brakes
Parking Brake	: Spring actuated parking brake acting on rear wheels with graduated hand brake valve.

Engine exhaust brake	: Coupled with service brake
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WHEELS & TYRES	: 10.00x20-16 PR/10Rx20-16PR Radial option 7.5x20 (For RA 109 RR)
Wheel rims	: 7.00x20 (for RA 108 RR)
No. of wheels	: Front: 2, Rear: 4, Spare: 1

FUEL TANK	: 225 litres
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CAB/COWL	: Resiliently mounted Semi-forward all steel non-sleeper cabin / cowl option
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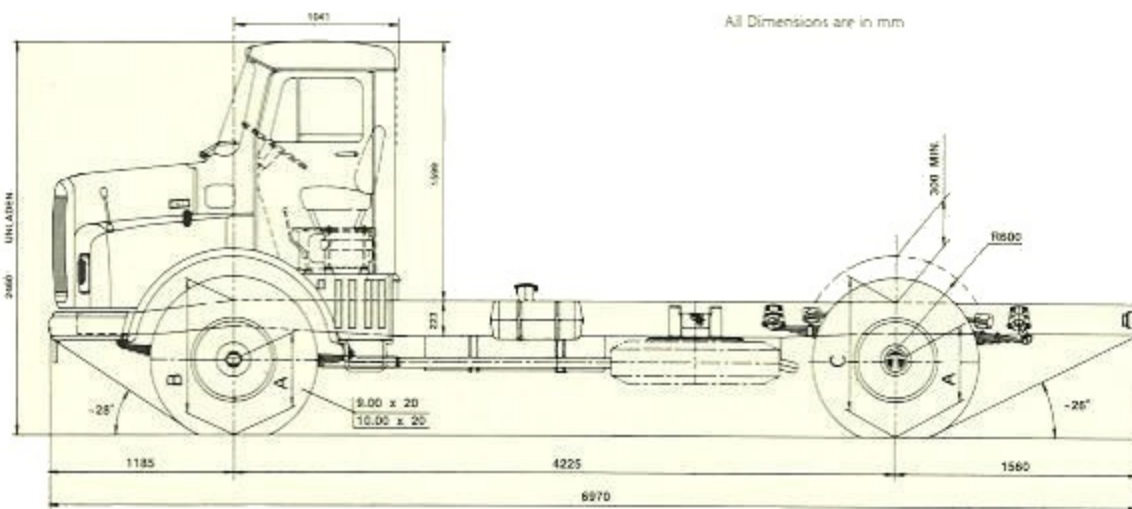
ELECTRICAL SYSTEM	: 12 Volts, 120 Ah capacity battery, 65 Amps alternator capacity
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PERFORMANCE	
Max. climbing ability	: 18% (in 1st gear with standard gear box & rear axle)
Max. geared speed in top gear	: 78 kmph

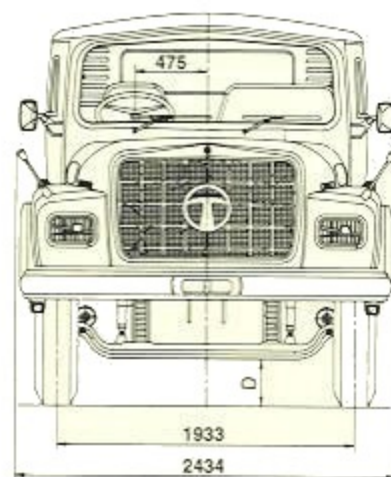
DEMENSIONS	
Wheelbase	: 4225 mm

WEIGHTS	
Kerb weight with cowl	: 4100 kg
Kerb weight with cabin	: 4230 kg
Max. Permissible FAW	: 6000 kg
Max. Permissible RAW	: 10200 kg
Max. Permissible GVW	: 16200 kg

CAUTION: Do not weld or drill on chassis frame. Accessories shown in the picture or elsewhere do not constitute standard fitment. The Specifications are subject to change without notice. These are indicative specifications for Reference only.



All Dimensions are in mm



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