



TGL 7.5 Tonne 4x2 Rigid

Chassis Specification: TGL 8.150 4x2 BB
TGL 8.180 4x2 BB
TGL 8.210 4x2 BB



MAN EGR: Add Nothing!

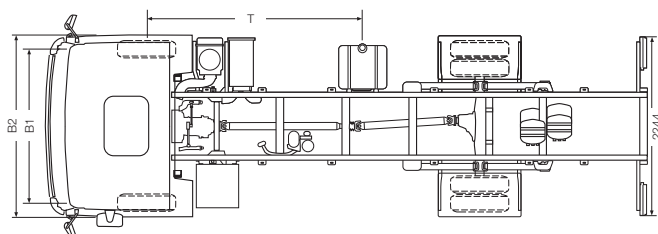
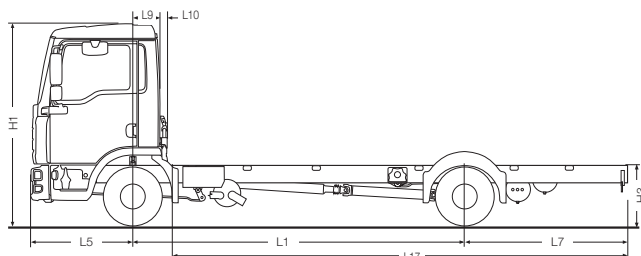
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Chassis Specification

Base Cab Model

TGL C Cab

For cab variants, options and specifications see separate TGL cab specification sheet



Vehicle Dimensions (mm)

		3300	3600	3900	4200	4500	4850	5200
L1	Wheelbase	3300	3600	3900	4200	4500	4850	5200
L5	Front overhang	1293	1293*	1293*	1293*	1293*	1293*	1293*
L7	Rear overhang	1775	1925	2125	2325	2475	2675	2875
L9	Centre line front axle to back of cab	438**	438**	438**	438**	438**	438**	438**
L10	Back of cab to foremost body/equip. position	82	82	82	82	82	82	82
L17	Min. recommended body length	4250	4650	5100	5550	6000	6500	7100
	ft.ins.	13'11"	15'3"	16'9"	18'3"	19'8"	21'4"	23'3"
	Max. recommended body length	4760	5240	5720	6200	6680	7240	7800
	ft.ins.	15'7"	17'2"	18'9"	20'4"	21'11"	23'9"	25'7"
B1	Width across rear tyres	2176	2176	2176	2176	2176	2176	2176
B2	Cab width over doors	2240	2240	2240	2240	2240	2240	2240
H1	Cab height	- laden 2545	2545	2545	2545	2545	2545	2545
	- unladen	2596	2596	2596	2596	2596	2596	2596
H3	Frame height at centre rear wheels	- laden 740	740	740	740	740	740	740
	- unladen	872	872	872	872	872	872	872
T	Centre of front axle to centre of fuel tank	1890	2190	2500	2800	3000	3450	3800

Recommended body length only applicable to bodies with UDL without auxiliary equipment and vehicle to base specification.

Please refer to current Product Marketing Bulletin for recommended body lengths with sleeper cabs.

*Front overhang is 1275mm with Sleeper Cab.

**This dimension is 500mm with 180PS and 206PS engine options.

5550mm wheelbase available with rear air suspension only.

Turning Circle

WTW	Wall to Wall	13100	14000	14900	15800	16700	17800	18800
KTK	Kerb to Kerb	11500	12300	13200	14100	15000	16100	17100

Unladen Weights (kg +/- 2.5%)

Front axle	2495	2430	2425	2420	2415	2410	2405
Rear axle	800	885	905	920	940	965	985
Total	3295	3315	3330	3340	3355	3375	3390

N.B. Unladen weights are for vehicle in standard specification with 25 litres of fuel and without driver.

Plated/Operating Weights (kg)

	Design	UK Legal
GTW Gross Train Weight	18700 ⁽¹⁾	18700 ⁽¹⁾
GVW Gross Vehicle Weight	7500	7500
Front axle	3400/3800 ⁽²⁾	3400/3800 ⁽²⁾
Rear axle	5200	5200

N.B. Tyre changes can effect legal weights. ⁽¹⁾ Maximum value, subject to specification. ⁽²⁾ Standard with sleeper cab option.

Optional Equipment & Weights (kg)

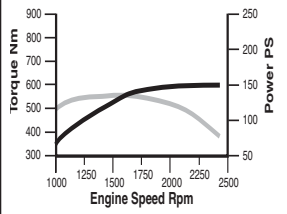
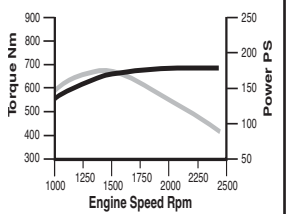
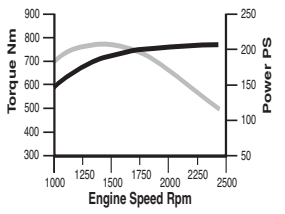
	Front	Rear	Total		Front	Rear	Total
180PS Engine In Lieu Of 150PS Engine	+15	0	+15	L Sleeper Cab	+310	0	+310
206PS Engine In Lieu Of 150PS Engine	+20	0	+20	LX Sleeper Cab	+395	0	+395
ZF S-42 Gearbox (150PS Engine Only)	-35	-10	-45	Adjustable Cab Roof Spoiler	+40	0	+40
Exhaust Valve Brake (EVB)	+7	0	+7	Aluminium Air Reservoirs	+1	-9	-8
ECAS Rear Axle Air Suspension	+5	+75	+80	Steel Front Bumper	+25	-5	+20
140 Ah Batteries	+15	+5	+20	235/75R 17.5 Tyres	+8	0	+8
200 Litre Steel Fuel Tank	+3	+4	+7				
Air Conditioning (Standard On LX Cab)	+25	0	+25				

All weights indicated above are subject to +/- 2.5% manufacturer's tolerance.

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Chassis Specification

Engine Model		D0834 LFL53 150 PS	D0834 LFL54 180 PS	D0834 LFL55 206 PS
4 Cylinder in-line, 4.6 litre	Maximum Power Peak Torque	150PS @ 2400 rpm 570 Nm @ 1400 rpm	180PS @ 2400 rpm 700 Nm @ 1400 rpm	206PS @ 2400 rpm 830 Nm @ 1400 rpm
Features	Graph Legend			
<ul style="list-style-type: none"> Exhaust Gas Recirculation (EGR) Common Rail EDC Cruise Control Exhaust brake Road speed limiter set to 85 kph On-board diagnostics with NO_x control 	Power Torque			

Performance							@7500 kg
Engine Power	Gearbox	Axle Ratio	Gear Road Speed (mph)	Engine RPM @55 mph	Engine RPM @53 mph	Starting Grade	Tyre Size
150PS	ZF 6AS850 OD	3.36:1	78.9	1675	1615	33%+	215/75R17.5
180PS	ZF 6AS850 OD	3.36:1	78.9	1675	1615	33%+	215/75R17.5
206PS	ZF 6AS850 OD	3.36:1	78.9	1675	1615	33%+	215/75R17.5

Clutch

Single plate 362mm diameter, asbestos free lining

Axles

Steer VOK-05 drop beam
Drive HY-0718 single reduction drive axle

Braking System

Type Electronic Brake System (EBS) with Anti-lock Braking System (ABS)

Features Disc brakes, air dryer, asbestos free linings and brake assistant

Parking Brake Spring brakes on rear axle

Gearbox

MAN Tipmatic 6 speed automated gearbox

Ratios

1	6.72
2	3.68
3	2.15
4	1.41
5	1.00
6	0.79
R	6.03

Suspension

Steer Axle Parabolic Springs with Shock Absorbers and Stabiliser

Drive Axle Parabolic Springs with Shock Absorbers and Stabiliser

Steering Gear

Type C300 Servocom hydraulically assisted.

Manual Gearbox Option

ZF S5-42/2 5 speed 150PS only
ZF 6S850 OD 6 speed

Wheels & Tyres

Wheels	Steel	6.00x17.5
Tyres	Steer	215/75R 17.5* steer tread
	Drive	215/75R 17.5 traction tread

*235/75R 17.5 on Sleeper cabs.

Exhaust System

Ground discharge silencer. For Euro 4 incorporating MAN PM-KAT® Technology

Frame

Construction	Bolted and Riveted
Material	High tensile steel
Section	220 x 70 x 4.5mm
Frame Width	859mm

Electrical System

Type MANTronic CAN bus system with central on board computer and vehicle management computer

Voltage	24v
Alternator	80 Amp
Batteries	2 x 12v 88Ah/140Ah*

*On Sleeper cabs.

General Equipment

Electronic immobiliser.
Heated fuel filter.
Central locking.
Pre wired for cargo space lighting.
Body mounting brackets.
Audible reverse warning with night silent.

Fuel Tank

Capacity	150 Litre
Section	Rectangular Steel RHS mounted with locking cap

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