



TGL 10 Tonne 4x2 Rigid

Chassis Specification: TGL 10.180 4x2 BB
TGL 10.220 4x2 BB



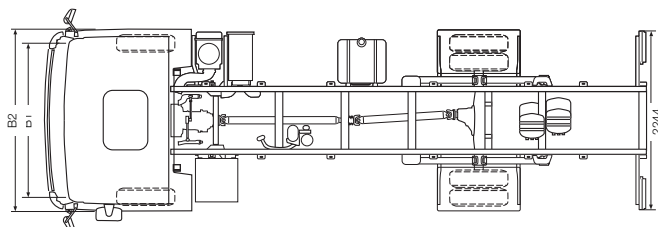
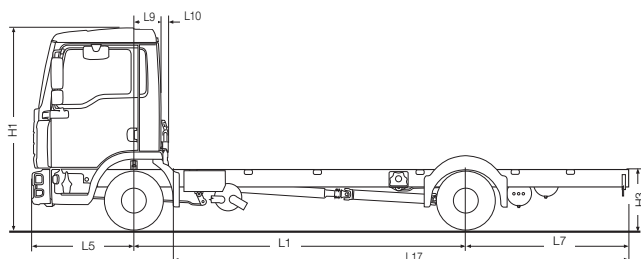
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Chassis Specification

Base Cab Model

TGL C Cab

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



Vehicle Dimensions (mm)

L1 Wheelbase		3600	3900	4200	4500	4850	5200
L5 Front overhang		1293 ⁽¹⁾	1293 ⁽¹⁾	1293 ⁽¹⁾	1293 ⁽¹⁾	1293 ⁽¹⁾	1293 ⁽¹⁾
L7 Rear overhang		1925	2125	2325	2475	2675	2875
L9 Centre line front axle to back of cab		500	500	500	500	500	500
L10 Back of cab to foremost body/equip. position		80	80	80	80	80	80
L17 Min. recommended body length	mm	4530	4990	5443	5903	6428	6960
	ft.ins.	14'10"	16'4"	17'10"	19'4"	21'1"	22'9"
	Max. recommended body length	mm	5180	5660	6140	6620	7180
		ft.ins.	17'0"	18'7"	20'2"	21'9"	23'7"
B1 Width across rear tyres		2264	2264	2264	2264	2264	2264
B2 Cab width over doors		2240	2240	2240	2240	2240	2240
H1 Cab height	- laden	2563	2563	2563	2563	2563	2563
	- unladen	2630	2630	2630	2630	2630	2630
H3 Frame height at centre rear wheels	- laden	782	782	782	782	782	782
	- unladen	900	900	900	900	900	900

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.

⁽¹⁾ Front overhang is 1275mm with Sleeper Cab.

Option of 5550mm wheelbase is available with rear air suspension only.

Turning Circle

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

Unladen Weights (kg +/- 2.5%)

Front axle	2620	2615	2605	2600	2590	2585
Rear axle	1095	1125	1160	1180	1215	1235
Total	3715	3740	3765	3780	3805	3820

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

Plated/Operating Weights (kg)

	Design	UK Legal
GTW Gross Train Weight	18700	18700
GVW Gross Vehicle Weight	10000	10000
Front axle	4000	4000
Rear axle	6800	6800

N.B. Tyre changes can effect legal weights.

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
220 PS Engine In Lieu Of 180 PS Engine	+20	0	+20	L Sleeper Cab	+170	0	+170
Exhaust Valve Brake (EVB)	+7	0	+7	LX Sleeper Cab	+235	0	+235
ECAS Rear Axle Air Suspension	+5	+75	+80	Adjustable Cab Roof Spoiler	+37	0	+37
140 Ah Batteries	+15	+5	+20	Speedline Alloy Wheels 6.75x17.5	-16	-32	-48
200 Litre Steel Fuel Tank	+3	+4	+7	Aluminium Air Reservoirs	+1	-9	-8
Air Conditioning	+25	0	+25	EEV Engine	+4	0	+4

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

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Chassis Specification



Engine Model	D0834 LFL64 180 PS	D0834 LFL65 220 PS
4 Cylinder in-line, 4.6 litre - 180 & 220 PS (Euro 5)		
Features		
<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 Optional EEV engines 		
Maximum Power	180PS @ 2400 rpm	220PS @ 2400 rpm
Peak Torque	700 Nm @ 1400 rpm	850 Nm @ 1300-1800 rpm
Graph Legend		
Power		
Torque		

Performance							@10000 kg
Engine Power	Gearbox	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
180PS	6AS800 OD	3.7:1	75.3	1752	1593	33%+	235/75R17.5
220PS	6AS800 OD	3.7:1	75.3	1752	1593	33%+	235/75R17.5

Clutch

Single plate 395mm diameter, asbestos free lining

Axles

Steer	VOK-05 drop beam
Drive	HY-0925 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 automated gearbox

6AS800 OD Ratio

1	6.58
2	3.60
3	2.13
4	1.39
5	1.00
6	0.78
R	6.06

Suspension

Steer Axle	Parabolic Springs with Shock Absorbers and Stabiliser
Drive Axle	Parabolic Springs with Shock Absorbers and Stabiliser

Steering Gear

Type	ZF 8095 Servocom hydraulically assisted.
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Manual Gearbox Options

6 speed 6S800 OD

Wheels & Tyres

Wheels	Steel	6.75x17.5
Tyres	Steer	235/75R 17.5 steer tread
	Drive	235/75R 17.5 traction tread

Exhaust System

Ground discharge silencer, incorporating diesel oxidation catalyst (DOC).

Frame

Construction	Bolted and Riveted
Material	High tensile steel
Section	220 x 70 x 6mm
Frame Width	862mm

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.
- Fuel filter with water separator.
- Central locking.
- Pre wired for cargo space lighting.
- Body mounting brackets.
- Audible reverse warning with night silent.
- Front under-run protection.

Fuel Tank

Capacity	150 Litre
Section	Rectangular Steel RHS mounted with locking cap

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Cab Options



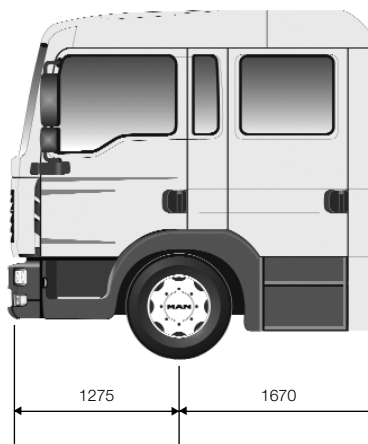
'C' Day Cab - Standard
Additional weight: 0 kg



'L' Sleeper
Additional Weight: 170 kg



'LX' Sleeper
Additional Weight: 235 kg



'DK' Crew
Additional Weight: 395 kg

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