



TGL 10 Tonne 4x2 Rigid

Chassis Specification: TGL 10.180 4x2 BB
TGL 10.210 4x2 BB



MAN EGR: Add Nothing!

TGL 10.180 10 Tonne 4x2 BB Rigid

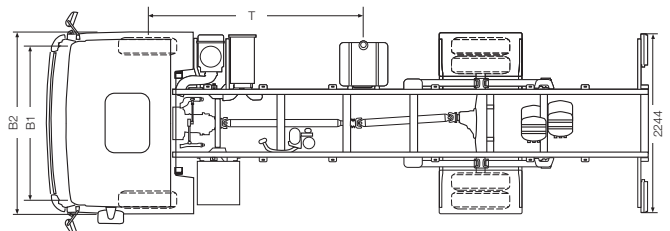
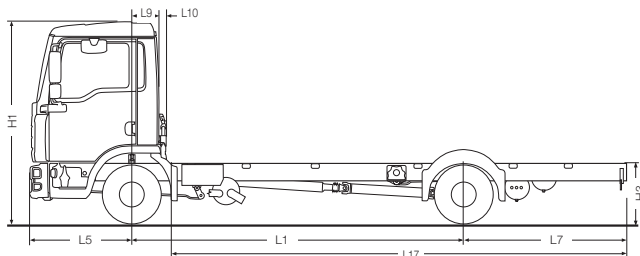
TGL 10.210 10 Tonne 4x2 BB Rigid

Chassis Specification

Base Cab Model

TGL C Cab

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



Vehicle Dimensions (mm)

		3600	3900	4200	4500	4850	5200
L1	Wheelbase						
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	4510	4965	5420	5875	6400
		ft.ins.	14'10"	16'3"	17'9"	19'3"	21'0"
	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
		- unladen	2630	2630	2630	2630	2630
H3	Frame height at centre rear wheels	- laden	782	782	782	782	782
		- unladen	900	900	900	900	900
T	Centre of front axle to centre of fuel tank	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.

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

5550mm wheelbase 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	2555	2550	2545	2540	2535	2530
Rear axle	1030	1060	1090	1110	1140	1160
Total	3585	3610	3635	3650	3675	3690

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	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
206 PS Engine In Lieu Of 180 PS Engine	+5	0	+5	Air Conditioning (Standard On LX Cab)	+25	0	+25
Exhaust Valve Brake (EVB)	+7	0	+7	L Sleeper Cab	+268	0	+268
ECAS Rear Axle Air Suspension	+5	+75	+80	LX Sleeper Cab	+353	0	+353
140 Ah Batteries	+15	+5	+20	Adjustable Cab Roof Spoiler	+40	0	+40
200 Litre Steel Fuel Tank	+3	+4	+7	Speedline Alloy Wheels 6.75x17.5	-16	-32	-48
				Aluminium Air Reservoirs	+1	-9	-8

Issue D. TGL BB10R180 - 09/07

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

TGL 10.180 10 Tonne 4x2 BB Rigid TGL 10.210 10 Tonne 4x2 BB Rigid

Chassis Specification



Engine Model

4 Cylinder in-line,
4.6 litre - 180 & 206 PS

Features

- 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

Maximum Power Peak Torque

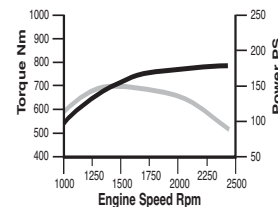
Graph Legend

Power

Torque

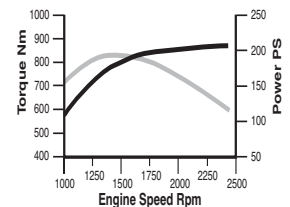
D0834 LFL54 180 PS

180PS @ 2400 rpm
700 Nm @ 1400 rpm



D0834 LFL55 206 PS

206PS @ 2400 rpm
830 Nm @ 1400 rpm



Performance

@10000 kg

Engine Power	Gearbox	Axle Ratio	Gear Road Speed (mph)	Engine RPM @55 mph	Engine RPM @53 mph	Starting Grade	Tyre Size
180PS	ZF 6AS850 OD	3.36:1	81.9	1610	1550	28.0%	235/75R17.5
		3.70:1	74.4	1775	1710	32.6%	235/75R17.5
206PS	ZF 6AS850 OD	3.36:1	81.9	1610	1550	33%+	235/75R17.5

Clutch

Single plate 362mm diameter,
asbestos free lining
240PS - 385mm diameter

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

6AS850 OD		12AS1210 OD	
1	6.72	1	10.33
2	3.68	3	6.49
3	2.15	5	4.18
4	1.41	7	2.47
5	1.00	9	1.55
6	0.79	11	1.00
R	6.03	R1	10.59
		R2	8.60

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.

Manual Gearbox Options

180&206 PS - ZF 6S850 OD

240 PS - Eaton FS 8309 DD*

*Alternative axle ratio required.

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. For Euro 4 incorporating MAN PM-KAT® Technology

Frame

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

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.

Fuel Tank

Capacity 150 Litre
Section Rectangular Steel
RHS mounted with locking cap

General Equipment

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

MAN ERF UK Ltd.,
Frankland Road, Blagrove,
Swindon. Wiltshire SN5 8YU
www.man-mn.co.uk

A member of the MAN Group.

