



TGL 7.5 Tonne 4x2 Fleet Rigid

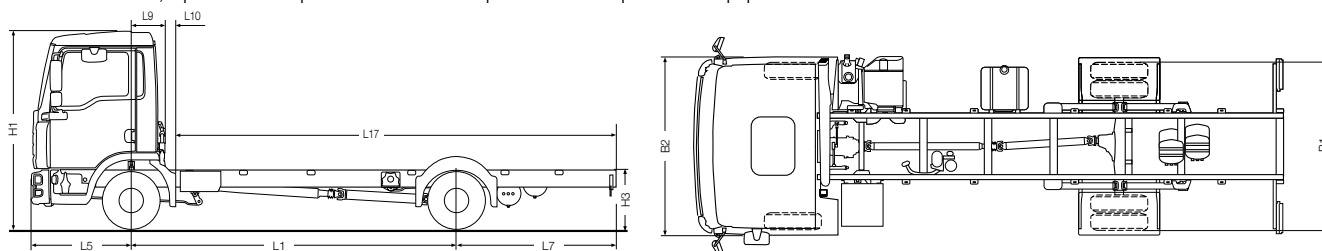
Chassis Specification: TGL 7.160 4x2 BB
TGL 7.190 4x2 BB



TGL 7.5 Tonne 4x2 Fleet Rigid

Base Cab Model TGL 'C' Cab

For cab variants, options and specifications see separate 'TGL Options & Equipment' sheet



Vehicle Dimensions (mm)

		3300	3600	3900	4200	4500	4850	5200
L1	Wheelbase	3300	3600	3900	4200	4500	4850	5200
L5	Front overhang	1292	1292	1292	1292	1292	1292	1292
L7	Rear overhang	1775	1925	2125	2325	2475	2675	2875
L9	Centre line front axle to back of cab	500	500	500	500	500	500	500
L10	Back of cab to foremost body/equip. position	80	80	80	80	80	80	80
L17	Min. recommended body length	4232	4605	5066	5527	5990	6524	7058
		ft.ins.	13'10"	15'1"	16'7"	18'1"	19'7"	21'4"
	Max. recommended body length	4700	5180	5660	6140	6620	7180	7740
		ft.ins.	15'5"	16'11"	18'6"	20'1"	21'8"	23'6"
B1	Width across rear tyres	2187	2176	2176	2176	2176	2176	2176
B2	Cab width over wings	2300	2300	2300	2300	2300	2300	2300
H1	Cab height	2544	2544	2544	2544	2544	2544	2544
	- laden	2544	2544	2544	2544	2544	2544	2544
	- unladen	2593	2593	2593	2593	2593	2593	2593
H3	Frame height at centre rear wheels	742	742	742	742	742	742	742
	- laden	742	742	742	742	742	742	742
	- unladen	830	830	830	830	830	830	830

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

Turning Circle

	13100	14000	14900	15800	16700	17800	18800
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%)

	2655	2590	2585	2580	2575	2570	2565
Front axle	2655	2590	2585	2580	2575	2570	2565
Rear axle	830	905	920	950	970	1000	1025
Total	3485	3495	3505	3530	3545	3570	3590

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

Plated/Operating Weights (kg)

	Design	UK Legal
GTW Gross Train Weight	18750 ⁽¹⁾	18750 ⁽¹⁾
GVW Gross Vehicle Weight	7500	7500
Front axle	3400	3400
Rear axle	5200	5200

N.B. Tyre changes can effect legal weights. ⁽¹⁾ Maximum value, subject to specification.

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
Exhaust Valve Brake (EVB)	+7	0	+7	Steel Front Bumper	+45	-6	+39
ECAS Rear Axle Air Suspension	0	+80	+80	Air Conditioning	+25	0	+25
140 Ah Batteries	+15	+5	+20	Aluminium Air Reservoirs	+1	-9	-8
Adjustable Cab Roof Spoiler	+37	0	+37				

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

TGL 7.5 Tonne 4x2 Fleet Rigid



Engine Model - Euro 6	D0834LFL77	D0834LFL78
Engine Power (PS)	160	190
Rated Speed (rpm)	2300	2300
Torque (Nm)	600	750
Torque Range (rpm)	1000 - 1850	1200 - 1750
Cylinders	4	4
Capacity (cc)	4580	4580

Features

- Selective Catalytic Reduction
- Common Rail EDC
- Cruise Control
- Exhaust brake
- Road speed limiter set to 89 kph
- OBDC

Performance @7500 kg

Engine Power	Gearbox	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
160PS	6S800 OD	3.36:1	80	1610	1460	33%+	215/75R17.5
190PS	6S800 OD	3.36:1	80	1610	1460	33%+	215/75R17.5

Clutch

Single plate 395mm diameter, asbestos free lining

Gearbox

6 speed manual gearbox

Ratios

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

Frame

Construction	Bolted and Riveted
Material	High tensile steel (S420MC)
Section	270 x 70 x 4.5mm
Frame width	859mm
Lateral protection	
Rear under run	

Fuel Tank

Capacity	150 Litre
Section	Rectangular Steel RHS mounted Locking cap

Axles

Steer	VOK-03 drop beam
Drive	HY-0718 single reduction

Suspension

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

Wheels & Tyres

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

Electrical System

Type	MANTronic CAN bus system with central on board computer and vehicle management computer
Voltage	24v
Alternator	110 Amp
Batteries	2 x 12v 88Ah

Braking System

Type	Electronic Brake System (EBS) with Anti-lock Braking System (ABS)
Features	Disc brakes, air dryer, asbestos free linings
Parking Brake	Spring brakes on rear axle

Steering Gear

Type	C300 Servocom hydraulically assisted
------	--------------------------------------

Exhaust System

Ground discharge silencer, incorporating diesel particulate filter (DPF)

General Equipment

35 litre AdBlue® tank
Electronic immobiliser
Fuel filter with water separator
Pre wired for cargo space lighting
Mechanical battery master switch
Body mounting brackets
Audible reverse warning with night silent
Manual door locking
Manual mirrors
Lane Guard System (LGS)
Electronic Stability Programme (ESP)

TGL 7.5 Tonne 4x2 Fleet Rigid

Cab Options

'C' Day Cab - Standard

Additional weight: 0 kg



MAN Truck & Bus UK Ltd.,
Frankland Road, Blagrove,
Swindon. Wiltshire SN5 8YU
www.mantruckandbus.co.uk

Ref: MAN TGL 7T4X2FLTRIG / 12
Issue Date: July 2017

Technical illustrations are not binding. Picture on front cover may not be standard equipment.
We reserve the right to make modifications in line with technical progress.