



## TGL 7.5 Tonne 4x2 Rigid

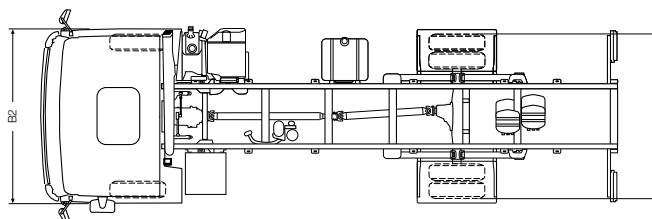
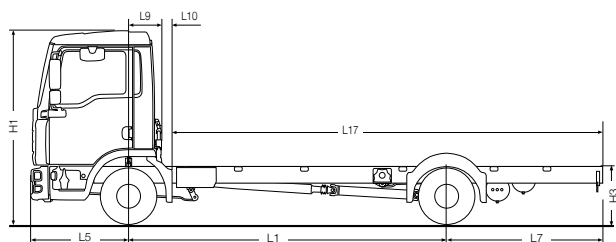
Chassis Specification: TGL 8.160 4x2 BB  
TGL 8.190 4x2 BB  
TGL 8.220 4x2 BB



# TGL 7.5 Tonne 4x2 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	4242	4602	5070	5572	5989	6513	7048
		ft.ins.	13'11"	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	2184	2184	2184	2184	2184	2184	2184
B2	Cab width over wings	2300	2300	2300	2300	2300	2300	2300
H1	Cab height	- laden	2544	2544	2544	2544	2544	2544
		- unladen	2593	2593	2593	2593	2593	2593
H3	Frame height at centre rear wheels	- laden	742	742	742	742	742	742
		- unladen	830	830	830	830	830	830

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

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

\*Front overhang is 1284mm with Sleeper Cab. Option of 5550mm wheelbase is available with rear air suspension only.

### 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	2605	2605	2595	2590	2580	2575
Front axle	2655	2605	2605	2595	2590	2580	2575
Rear axle	885	975	990	1010	1030	1060	1080
Total	3540	3580	3595	3605	3620	3640	3655

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 <sup>(1)</sup>	18750 <sup>(1)</sup>
GVW Gross Vehicle Weight	7500	7500
Front axle	3400/3800 <sup>(2)</sup>	3400/3800 <sup>(2)</sup>
Rear axle	5200/5600 <sup>(1)</sup>	5200/5600 <sup>(1)</sup>

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

### Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
65 litre AdBlue® tank (full)	+35	+10	+45	LX Sleeper Cab	+255	0	+255
Exhaust Valve Brake (EVB)	+7	0	+7	Adjustable Cab Roof Spoiler	+37	0	+37
ECAS Rear Axle Air Suspension	+5	+75	+80	Aluminium Air Reservoirs	+1	-9	-8
140 Ah Batteries	+15	+5	+20	Steel Front Bumper	+45	-6	+39
200 Litre Steel Fuel Tank	+21	+28	+49	235/75R 17.5 Tyres on FA	+8	0	+8
Air Conditioning	+25	0	+25				
L Sleeper Cab	+230	0	+230				

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

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Engine Model - Euro 6	D0834LFL77	D0834LFL78	D0834LFL79
Engine Power (PS)	160	190	220
Rated Speed (rpm)	2300	2300	2300
Torque (Nm)	600	750	850
Torque Range (rpm)	1000 - 1850	1200 - 1750	1300 - 1800
Cylinders	4	4	4
Capacity (cc)	4580	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 TipMatic®	Axle Ratio	Geared Road Speed (mph)	Engine RPM		Starting Grade	Tyre Size
				@55 mph	@50 mph		
160PS	68 OD	3.36:1	79	1640	1490	33%+	215/75R17.5
190PS	68 OD	3.36:1	79	1640	1490	33%+	215/75R17.5
220PS	68 OD	3.36:1	79	1640	1490	33%+	215/75R17.5

## Clutch

Single plate 395mm diameter, asbestos free lining

## Gearbox

MAN TipMatic® 6 speed automated gearbox

## Ratios

1	6.58
2	3.60
3	2.12
4	1.39
5	1.00
6	0.78
R	6.22

## 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-05 drop beam
Drive	HY-0718 single reduction

## Suspension

Steer Axle	Parabolic Springs with Shock Absorbers and Stabiliser
Drive Axle	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

\*235/75R 17.5 on Sleeper cabs.

## 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 / 155Ah*

\*On Sleeper cabs.

## 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
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## Exhaust System

Ground discharge silencer, incorporating diesel particulate filter (DPF)

## General Equipment

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

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## Cab Options

### 'C' Day Cab - Standard

Additional weight: 0 kg



### 'L' Sleeper

Additional weight: 230 kg



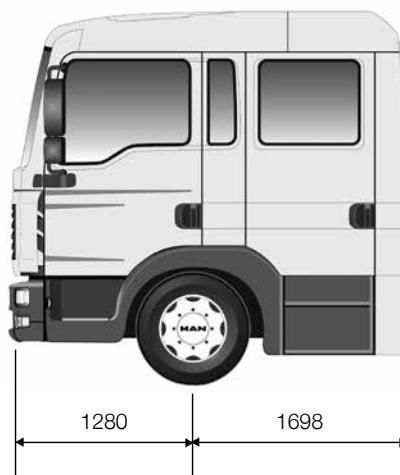
### 'LX' Sleeper

Additional weight: 255 kg



### 'DK' Crew

Additional weight: 505 kg



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We reserve the right to make modifications in line with technical progress.