



# TGM 18 Tonne 4x2 Rigid

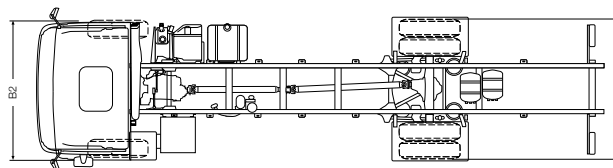
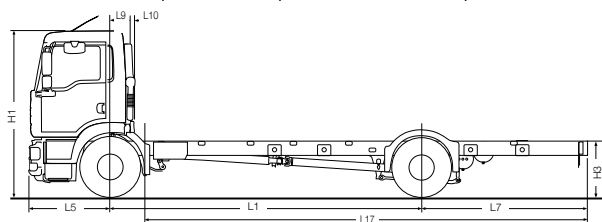
Chassis Specification: TGM 18.250 4x2 BL  
TGM 18.290 4x2 BL  
TGM 18.320 4x2 BL



# TGM 18 Tonne 4x2 Rigid

## Base Cab Model TGM 'C' Cab

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



### Vehicle Dimensions (mm)

		4425	4725	5075	5425	5775	6175	6575	6975	
L1	Wheelbase	4425	4725	5075	5425	5775	6175	6575	6975	
L5	Front overhang	1409	1409	1409	1409	1409	1409	1409	1409	
L7	Rear overhang	2325	2475	2675	2875	3075	3275	2675	2675	
L9	Centre line front axle to back of cab	390	390	390	390	390	390	390	390	
L10	Back of cab to foremost body/equip. position	80	80	80	80	80	80	80	80	
L17	Min. recommended body length	5388	5833	6352	6867	7384	7979	8597	9196	
		ft.ins.	17'8"	19'1"	20'10"	22'6"	24'3"	26'2"	28'2"	30'2"
	Max. recommended body length	5813	6289	6841	7392	7944	8579	9235	9875	
		ft.ins.	19'0"	20'6"	22'5"	24'3"	26'0"	28'1"	30'3"	32'4"
B1	Width across rear tyres	2442	2442	2442	2442	2442	2442	2442	2442	
B2	Cab width over wings	2490	2490	2490	2490	2490	2490	2490	2490	
H1	Cab height	- laden	2847	2847	2847	2847	2847	2847	2847	
		- unladen	2923	2923	2923	2923	2923	2923	2923	
H3	Frame height at centre rear wheels	- laden	957	957	957	957	957	957	957	
		- unladen	987	987	987	987	987	987	987	

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

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

6575mm and 6975mm wheelbases are not available with rear steel suspension.

### Turning Circle

WTW	Wall to Wall	17200	18200	19300	20400	21500	22700	23500	24700
KTK	Kerb to Kerb	15600	16500	17600	18700	19800	21100	21900	23100

### Unladen Weights (kg +/- 2.5%)

Front axle	3630	3655	3670	3685	3700	3720	3750	3765
Rear axle	1830	1835	1840	1860	1880	1875	1845	1845
Total	5460	5490	5510	5545	5580	5595	5545	5610

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	33000 <sup>(1)</sup>	33000 <sup>(1)</sup>
GVW	Gross Vehicle Weight	18000	18000
Front axle		7100 <sup>(2)</sup>	7100 <sup>(2)</sup>
Rear axle		11500	11500

N.B. Tyre changes can effect legal weights. <sup>(1)</sup>Maximum value, subject to specification. <sup>(2)</sup>Alternative Front Axle capacity available: 7500 kg.

### Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
65 litre AdBlue® tank (full)	+35	+10	+45	Adjustable Cab Roof Spoiler	+37	0	+37
Exhaust Valve Brake (EVB)	+7	0	+7	Document Box (Day Cab Only)	+5	0	+5
Air Conditioning	+25	0	+25	MAN Alloy Wheels 8.25x22.5	-30	-60	-90
Rear Axle Parabolic Leaf Suspension	0	-60	-60	MAN Alloy Wheels 9.00x22.5	-36	-72	-108
L Sleeper Cab	+230	0	+230	7500 kg Front Axle	+10	0	+10
LX Sleeper Cab	+255	0	+255				

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

# TGM 18 Tonne 4x2 Rigid



Engine Model - Euro 6	D0836LFL79	D0836LFL80	D0836LFL81
Engine Power (PS)	250	290	320
Rated Speed (rpm)	2200	2200	2200
Torque (Nm)	1050	1150	1250
Torque Range (rpm)	1200 - 1600	1200 - 1700	1200 - 1700
Cylinders	6	6	6
Capacity (cc)	6871	6871	6871

## Features

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

## Performance @18000 kg

Engine Power	Gearbox TipMatic®	Axle Ratio	Geared Road Speed (mph)	Engine RPM		Starting Grade	Tyre Size
				@55 mph	@50 mph		
250PS	1212 OD	4.11:1	82	1590	1380	33%+	295/80R22.5
290PS	1212 OD	4.11:1	82	1590	1380	33%+	295/80R22.5
340PS	1212 OD	4.11:1	82	1590	1380	33%+	295/80R22.5

## Clutch

Single plate 395mm diameter, asbestos free lining

## Gearbox

MAN TipMatic® 12 speed automated gearbox

### Ratios

1	10.37	2	8.42	3	6.48
4	5.27	5	4.18	6	3.39
7	2.48	8	2.01	9	1.55
10	1.26	11	1.00	12	0.81
R1	10.56	R2	8.58		

## Frame

Construction	Bolted and Riveted
Material	High tensile steel (S420MC)
Section	270 x 70 x 7mm
Frame width	864mm
Front under run guard	
Lateral protection	
Rear under run	

## Fuel Tank

Capacity	300 Litre
Section	Rectangular Steel RHS mounted Locking cap

## Axles

Steer	VOK-07 drop beam
Drive	HY-1350 single reduction

## Suspension

Steer Axle	Parabolic Springs with Shock Absorbers and Stabiliser
Drive Axle	4 Bellow Air Suspension with Shock Absorbers and Stabiliser

## Wheels & Tyres

Wheels	Steel	8.25x22.5
Tyres	Steer	295/80R 22.5 steer tread
	Drive	295/80R 22.5 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 155Ah

## Braking System

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

## Steering Gear

Type	ZF 8098 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



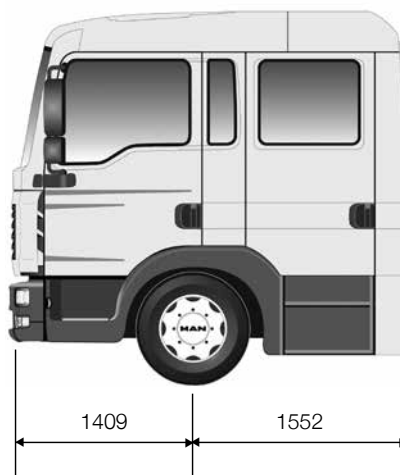
### 'LX' Sleeper

Additional weight: 255 kg



### 'DK' Crew

Additional weight: 505 kg



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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.