



TGM 15 Tonne 4x2 Rigid

Chassis Specification: TGM 15.250 4x2 BL
TGM 15.290 4x2 BL



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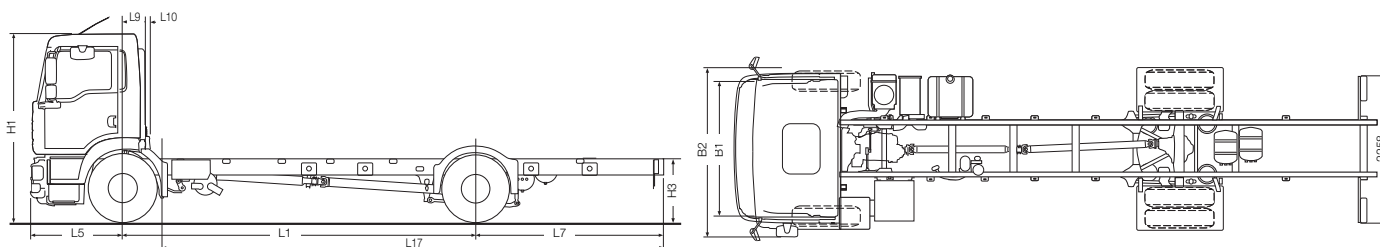
TGM 15.290 15 Tonne 4x2 BL Rigid

Chassis Specification

Base Cab Model

TGM C Cab

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



Vehicle Dimensions (mm)

		4125	4425	4775	5125	5475
L1	Wheelbase					
L5	Front overhang	1350	1350	1350	1350	1350
L7	Rear overhang	2325	2475	2675	2875	3075
L9	Centre line front axle to back of cab	450	450	450	450	450
L10	Back of cab to foremost body/equip. position	80	80	80	80	80
L17	Min. recommended body length	mm	5380	5839	6380	6920
		ft.ins.	17'7"	19'1"	20'11"	22'8"
	Max. recommended body length	mm	5870	6367	6950	7534
		ft.ins.	19'3"	20'10"	22'9"	24'8"
B1	Width across rear tyres	2417	2417	2417	2417	2417
B2	Cab width over doors	2240	2240	2240	2240	2240
H1	Cab height	- laden	2721	2721	2721	2721
		- unladen	2799	2799	2799	2799
H3	Frame height at centre rear wheels	- laden	823	823	823	823
		- unladen	853	853	853	853

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

Turning Circle

WTW	Wall to Wall	15900	16200	17900	19000	20000
KTK	Kerb to Kerb	14300	14700	16300	17400	18500

Unladen Weights (kg +/- 2.5%)

Front axle	3300	3295	3295	3295	3290
Rear axle	1545	1565	1590	1605	1640
Total	4845	4860	4885	4900	4930

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	33000 ⁽¹⁾	33000 ⁽¹⁾
GVW Gross Vehicle Weight	15000	15000
Front axle	5600	5600
Rear axle	10000	10000

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

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
290 PS Engine In Lieu Of 250 PS Engine	+10	0	+10	Adjustable Cab Roof Spoiler	+37	0	+37
Exhaust Valve Brake (EVB)	+7	0	+7	9 Speed 9S1310 OD Manual Transmission	-10	0	-10
Air Conditioning	+25	0	+25	305/70R 19.5 Tyres	+14	+28	+42
L Sleeper Cab	+170	0	+170	EEV Engine	+7	0	+7
LX Sleeper Cab	+235	0	+235				

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

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Chassis Specification

Engine Model	D0836 LFL63 250 PS	D0836 LFL64 290 PS
6 Cylinder in-line, 6.9 litre (Euro 5)		
Features		
<ul style="list-style-type: none"> Exhaust Gas Recirculation (EGR) Common Rail EDC Cruise Control Exhaust brake Road speed limiter set not to exceed 85 kph On-board diagnostics with No_x Control Optional EEV engines 		
Maximum Power	250PS @ 2300 rpm	290PS @ 2300 rpm
Peak Torque	1000 Nm @ 1200-1750 rpm	1150 Nm @ 1200-1750 rpm
Graph Legend		
Power		
Torque		

Performance							@15000 kg
Engine Power	Gearbox	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
250PS	12AS1210 OD	3.70:1	78.1	1620	1472	33%+	285/70R19.5
290PS	12AS1210 OD	3.70:1	78.1	1620	1472	33%+	285/70R19.5

Clutch

Single plate 395mm diameter, asbestos free lining

Axles

Steer VOK-06 drop beam
Drive HY-1130 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 12 speed automated gearbox

Ratios

1	10.33	2	8.40	3	6.49
4	5.27	5	4.18	6	3.40
7	2.47	8	2.01	9	1.55
10	1.26	11	1.00	12	0.81
R1	10.59	R2	8.60		

Suspension

Steer Axle Parabolic Springs with Shock Absorbers and Stabiliser

Drive Axle 4 Bellow Air Suspension with Shock Absorbers and Stabiliser

Steering Gear

Type ZF8095 Servocom hydraulically assisted.

Manual Gearbox Option

9 Speed 9S1310 OD*
*Alternative axle ratio required.

Wheels & Tyres

Wheels	Steel	8.25x19.5
Tyres	Steer	285/70R 19.5 steer tread
	Drive	285/70R 19.5 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 7mm
Frame Width	864mm
Front under run guard	

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 140Ah

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.

Fuel Tank

Capacity	200 Litre
Section	Rectangular Steel
	RHS mounted with locking cap

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Cab Options



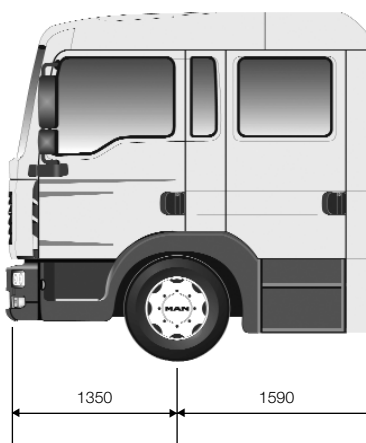
'C' Day Cab - Standard
Additional weight: 0 kg



'L' Sleeper
Additional Weight: 170 kg



'LX' Sleeper
Additional Weight: 235 kg



'DK' Crew
Additional Weight: 395 kg

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