



TGM 26 Tonne 6x4 Tipper

Chassis Specification: TGM 26.290 6x4 BB
TGM 26.340 6x4 BB



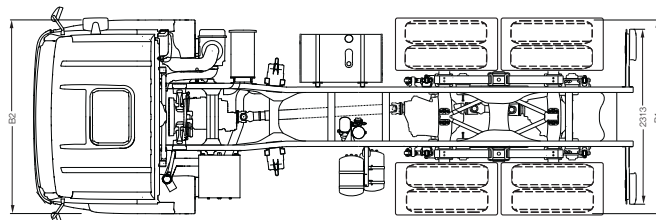
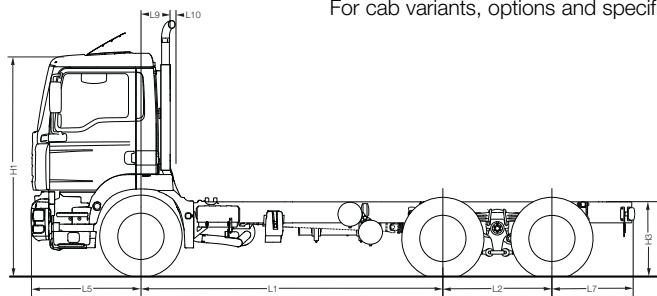
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Chassis Specification

Base Cab Model

TGM C Cab

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



Vehicle Dimensions (mm)

Dimension	Base Cab Model	TGM C Cab
L1 Wheelbase	3875	4125
L2 Rear bogie spread	1400	1400
L5 Front overhang	1400	1400
L7 Rear overhang	1025	1025
L9 Centre line front axle to back of cab (including exhaust pipe)	480	480
L10 Back of cab to foremost body/equip. position	50	50
B1 Width across rear tyres	2422	2422
B2 Cab width over doors	2240	2240
H1 Cab height	2873	2873
	- laden	
	- unladen	
H3 Frame height at centre rear wheels	977	977
	- laden	
	- unladen	

Turning Circle

Turning Circle	Base Cab Model	TGM C Cab
WTW Wall to Wall	18600	19400
KTK Kerb to Kerb	17040	17900

Unladen Weights (kg +/- 2.5%)

Weight	Base Cab Model	TGM C Cab
Front axle	3585	3605
Rear bogie	3750	3760
Total	7335	7365

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	29500 ⁽¹⁾	29500 ⁽¹⁾
GVW Gross Vehicle Weight	26000	26000
Front axle	7500	7500
Rear axle	21000	19000

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

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
340PS Engine In Lieu Of 290PS Engine	+5	0	+5	Document Box	+5	0	+5
Exhaust Valve Brake (EVB)	+7	0	+7	Synthetic Bumper	-26	+6	-20
Air Conditioning	+25	0	+25	MAN Alloy Wheels 9.00x22.5	-36	-144	-180
Tipmatic Transmission	+10	0	+10	EEV engine	+7	0	+7

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

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Chassis Specification



Engine Model	D0836 LFL64 290 PS	D0836 LFL65 340 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 to 85 kph On-board diagnostics with NO_x control Optional EEV engine 		
Maximum Power	290PS @ 2300 rpm	340PS @ 2300 rpm
Peak Torque	1150 Nm @ 1200-1750 rpm	1250 Nm @ 1200-1800 rpm
Graph Legend		
Power		
Torque		

Performance								@26000 kg
Engine Power	Gearbox	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size	
290PS	9S1110 DD	4.11:1	66.5	1904	1731	33%+	295/80R22.5	
340PS	9S1310 OD	5.29:1	68.8	1838	1671	33%+	295/80R22.5	

Clutch

Single plate 395mm diameter, asbestos free lining

Gearbox

9 speed manual synchromesh gearbox

Ratios

Direct Drive	Overdrive
1 12.73	1 9.48
2 8.83	2 6.58
3 6.28	3 4.68
4 4.64	4 3.48
5 3.48	5 2.62
6 2.54	6 1.89
7 1.8	7 1.35
8 1.34	8 1.00
9 1.00	9 0.75
R 12.04	R 8.97

Gearbox Options

12 speed TipMatic automated

Frame

Construction	Bolted and Riveted
Material	High tensile steel
Section	270 x 70 x7mm
Frame Width	964 - 764mm waisted
Front under run guard	

Fuel Tank

Capacity	200 Litre
Section	Rectangular Steel
	RHS mounted with locking cap

Axles

Steer	VOK-08 drop beam
Drive	HYD-1370/HY-1350 single reduction drive axle complete with cross axle and inter axle diff locks.

Suspension

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

Wheels & Tyres

Wheels	Steel	9.00x22.5
Tyres	Steer	315/80R 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	80 Amp
Batteries	2 x 12v 140Ah

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 axles

Steering Gear

Type	ZF8098 Servocom hydraulically assisted.
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Exhaust System

Vertical discharge silencer, incorporating diesel oxidation catalyst (DOC).

General Equipment

- Electronic immobiliser.
- Fuel filter with water separator.
- Manual door locking.
- PTO without flange.
- Audible reverse warning with night silent.
- Steel front bumper.
- Windows in rear cab wall.

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Cab Options



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

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