



TGM 15 Tonne 4x2 Rigid

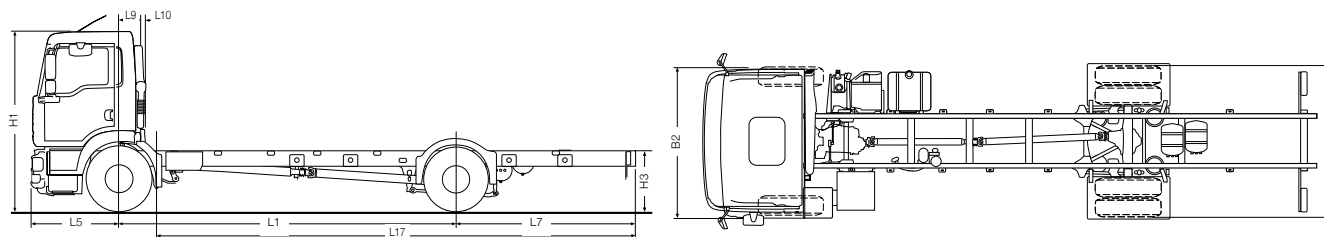
Chassis Specification: TGM 15.250 4x2 BL
TGM 15.290 4x2 BL
TGM 15.320 4x2 BL



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Base Cab Model TGM 'C' Cab

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



Vehicle Dimensions (mm)

		4125	4425	4775	5125	5475
L1	Wheelbase	4125	4425	4775	5125	5475
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	5404	5868	6412	6957	7493
		ft.ins.	17'8"	19'3"	21'0"	22'9"
	Max. recommended body length	5899	6399	6987	7575	8155
		ft.ins.	19'4"	20'11"	22'11"	24'10"
B1	Width across rear tyres	2417	2417	2417	2417	2417
B2	Cab width over wings	2370	2370	2370	2370	2370
H1	Cab height	2721	2721	2721	2721	2721
	- laden	2721	2721	2721	2721	2721
	- unladen	2799	2799	2799	2799	2799
H3	Frame height at centre rear wheels	823	823	823	823	823
	- laden	823	823	823	823	823
	- unladen	853	853	853	853	853

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

Turning Circle

	17000	18000	19100	20300	21500
WTW Wall to Wall	17000	18000	19100	20300	21500
KTK Kerb to Kerb	15500	16500	17600	18800	20000

Unladen Weights (kg +/- 2.5%)

	3385	3380	3385	3385	3380
Front axle	3385	3380	3385	3385	3380
Rear axle	1570	1590	1610	1625	1660
Total	4955	4970	4995	5010	5040

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 ⁽¹⁾	33000 ⁽¹⁾
GVW Gross Vehicle Weight	15000	15000
Front axle	5600 ⁽²⁾	5600 ⁽²⁾
Rear axle	10000	10000

N.B. Tyre changes can effect legal weights. ⁽¹⁾ Maximum value, subject to specification. ⁽²⁾ Alternative front axle capacity: 6300 kg

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
65 litre AdBlue® tank (full)	+35	+10	+45	Air Conditioning	+25	0	+25
Exhaust Valve Brake (EVB)	+7	0	+7	Adjustable Cab Roof Spoiler	+37	0	+37
L Sleeper Cab	+230	0	+230	9 Speed 9S1310 OD Manual Transmission	-10	0	-10
LX Sleeper Cab	+255	0	+255	305/70R 19.5 Tyres	+14	+28	+42

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

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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 @15000 kg

Engine Power	Gearbox TipMatic®	Axle Ratio	Geared Road Speed (mph)	Engine RPM		Starting Grade	Tyre Size
				@55 mph	@50 mph		
250PS	1212 OD	3.70:01	78	1600	1450	33%+	285/70R19.5
290PS	1212 OD	3.70:01	78	1600	1450	33%+	285/70R19.5

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	220 x 70 x 7mm
Frame width	864mm
Front under run guard	
Lateral protection	
Rear under run	

Fuel Tank

Capacity	220 Litre
Section	Rectangular Steel
	RHS mounted
	Locking cap

Axles

Steer	VOK-06 drop beam
Drive	HY-1130 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	8.25x19.5
Tyres	Steer	285/70R 19.5 steer tread
	Drive	285/70R 19.5 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 8095 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



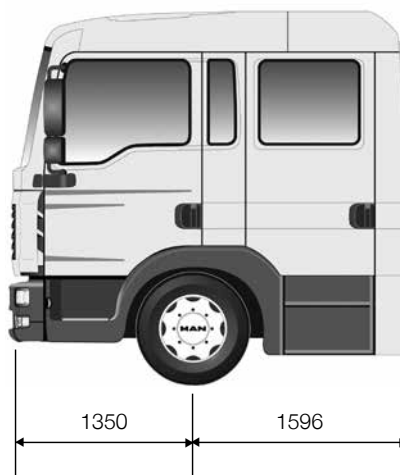
'LX' Sleeper

Additional weight: 255 kg



'DK' Crew

Additional weight: 505 kg



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

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