



TGS 6x2 Drawbar

Chassis Specification: TGS 26.320 6x2-2 BL
 TGS 26.360 6x2-2 BL
 TGS 26.400 6x2-2 BL
 TGS 26.440 6x2-2 BL



MAN EGR: Add Nothing!

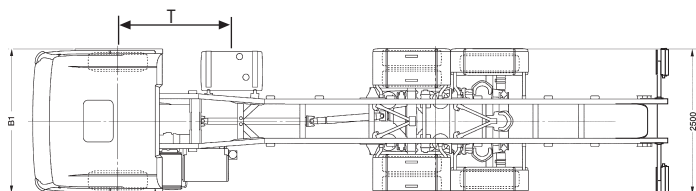
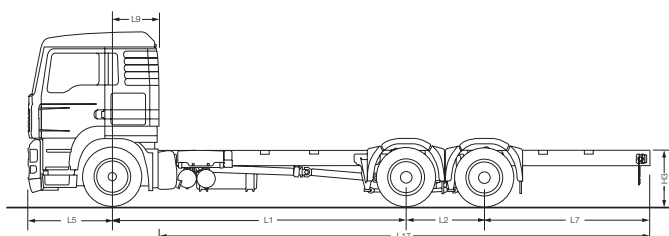
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Chassis Specification

Base Cab Model

TGS 'L' Cab

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



Vehicle Dimensions (mm)

		4200	4500	4800	5100	5500	5900
L1	Wheelbase	4200	4500	4800	5100	5500	5900
L2	Rear bogie spread	1350	1350	1350	1350	1350	1350
L5	Front overhang	1475	1475	1475	1475	1475	1475
L7	Rear overhang	2150	2400	2600	2800	3100	2900
L9	Centre line front axle to back of cab	805	805	805	805	805	805
L17	Min. recommended body length	mm	6300	6800	7350	7850	8550
		ft.ins	20'8"	22'4"	24'2"	25'9"	28'1"
	Max. recommended body length	mm	6500	7000	7550	8100	8800
		ft.ins	21'4"	22'11"	24'9"	26'7"	28'11"
B1	Width across wings	2500	2500	2500	2500	2500	2500
H3	Frame height at centre rear wheels	- laden	938	938	938	938	938
		- unladen	968	968	968	968	968
T	Centre of axle to centre of fuel tank	1975	1975	1975	1975	1975	1975

Other wheelbases available: 3,900 - Contact MAN Product Engineering, Swindon for further information

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

Turning Circle

WTW	Wall to Wall	18300	19200	20200	21100	22300	23600
KTK	Kerb to Kerb	16600	17500	18400	19400	20600	21900

Unladen Weights (kg +/- 2.5%)

Front axle	4500	4515	4525	4535	4540	4550
Rear axle	3320	3340	3370	3400	3435	3465
Total	7820	7855	7895	7935	7975	8015

N.B. Unladen weights are for vehicle in standard specification with 25 litres of fuel and without driver.

Plated/Operating Weights (kg)

	Design	UK Legal
GTW Gross Train Weight	44000	40000 ⁽¹⁾ /44000 ⁽²⁾
GVW Gross Vehicle Weight	26000	26000 ⁽¹⁾ /24900 ⁽²⁾
Front axle	8000/9000 ⁽³⁾	7500/9000 ⁽³⁾
Drive axle	11500	11500 ⁽¹⁾ /10500 ⁽²⁾
Rearlift axle	7500	7500 ⁽¹⁾ /6900 ⁽²⁾

N.B. Tyre changes can effect legal weights. ⁽¹⁾ At 40000 kg or below. ⁽²⁾ Above 40000 kg.

⁽³⁾ With VOK-09 axle, 9000 kg springs and 385/65R 22.5 tyres.

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
Rear steer with lift facility	+15	+75	+90	9000 kg Parabolic front spring	+14	0	+14
16 Speed manual gearbox	+45	+20	+65	Air Conditioning	+40	0	+40
ZF PTO NH/4	+4	+3	+7	385/65R Super Single Tyres on			
Alloy Air Tanks	-10	-5	-15	11.75x22.5 steel rims on front	+38	0	+38
Front Air Suspension	+95	0	+95	'M' Day cab	-146	0	-146
9.00 x 22.5 Alcoa Alloy Wheels	-38	-114	-152	'LX' Sleeper cab	+35	0	+35
Door extensions	+12	0	+12	Adjustable cab roof spoiler	+40	0	+40
Windows in rear cab wall	+8	0	+8	ADR Preparation	+40	0	+40
VOK-09 Front axle	+30	0	+30	Components weights are provided as a guide and may vary depending on			
225 Ah Batteries	+30	0	+30	make and manufacturing tolerances.			

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Chassis Specification

Engine Model	D2066LF39 320 PS/D2066LF38 360 PS	D2066LF37 400 PS/D2066LF36 440 PS
D20, 6 Cylinder in-line, 10.5 litre, Euro 4	320PS @ 1900 rpm 1600 Nm @ 1000-14000 rpm 360PS @ 1900 rpm 1800 Nm @ 1000-1400 rpm	400PS @ 1900 rpm 1900 Nm @ 1000-1400 rpm 440PS @ 1900 rpm 2100 Nm @ 1000-1400 rpm
Features <ul style="list-style-type: none"> • Exhaust Gas Recirculation (EGR) • Common Rail EDC • Cruise Control • Exhaust valve brake • Road speed limiter set not to exceed 56mph (90kph) • On-board diagnostics with NO_x control 		
	Power 	Torque

Performance							@44000 kg
Engine Power	Gearbox	Axle Ratio	Gear Road Speed (mph)	Engine RPM @55 mph	Engine RPM @53 mph	Starting Grade	Tyre Size
320PS	ZF 12AS2130 DD	3.08:1	71.1	1470	1415	28.6%	315/70R22.5
360PS	ZF 12AS2130 DD	3.08:1	71.1	1470	1415	32.7%	315/70R22.5
400PS	ZF 12AS2130 DD	3.08:1	71.1	1470	1415	33%+	315/70R22.5
440PS	ZF 12AS2130 DD	2.85:1	77.0	1360	1310	33%+	315/70R22.5

Clutch
 Single dry plate 430mm diameter, non asbestos

Axles
 Steer Axle VOK-08 drop beam
 Drive Axle HY-1350 single reduction
 Rearlift Axle NO-08 non steering

Braking System
 Type Electronic Brake System (EBS) with Anti-lock Braking System (ABS) and ASR traction control
 Features Vented disc brakes, 2 line trailer brake connections and pad wear indicators
 Parking Brake Spring brakes on rear axles

Gearbox
 MAN Tipmatic 12 speed automated gearbox
 Ratios
 Forward
 1 15.86 2 12.33 3 9.57
 4 7.44 5 5.87 6 4.57
 7 3.47 8 2.70 9 2.10
 10 1.63 11 1.29 12 1.00
 Reverse
 14.68

Suspension
 Steer Axle Parabolic springs Hydraulic dampers Stabiliser
 Drive Axle ECAS controlled 4 bag air Hydraulic dampers Stabiliser
 Rearlift Axle 2 bag air Hydraulic dampers Air operated lift Stabiliser

Steering Gear
 Type ZF 8098 Servocom hydraulically assisted.

Manual Gearbox Options
 ZF Direct drive, 16 speed gearbox, with range change and splitter.

Wheels & Tyres
 Steer Axle Tyres 315/70R 22.5 steer tread
 Wheels 9.00x22.5
 Drive Axle Tyres 315/70R 22.5 drive tread
 Wheels 9.00x22.5
 Rearlift Axle Tyres 315/70R 22.5 steer tread
 Wheels 9.00x22.5

Exhaust System
 Ground discharge silencer. Incorporating MAN PM-KAT® Technology

Frame
 Construction Bolted and Riveted
 Material High tensile steel
 Section 270 x 85 x 8mm 940 - 762 waisted

General Equipment
 Chassis side guards
 3 piece plastic rear wings and spray reduction mats

Fuel Tank
 Capacity 400 Litre
 Section Rectangular Steel
 RHS mounted
 Locking cap

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 175Ah

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