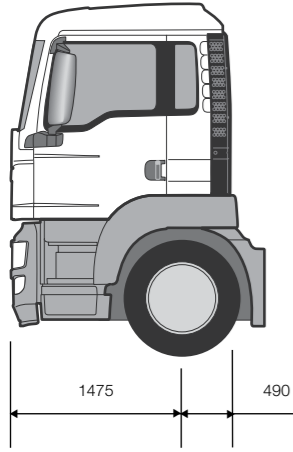


TGS 6x2 Drawbar Cab Options

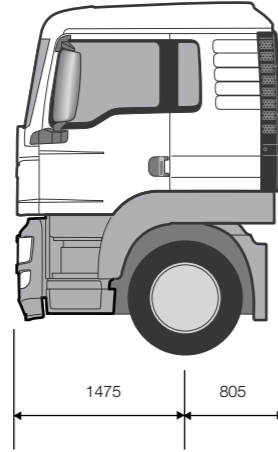
'M' Day Cab

Additional weight: -155 kg



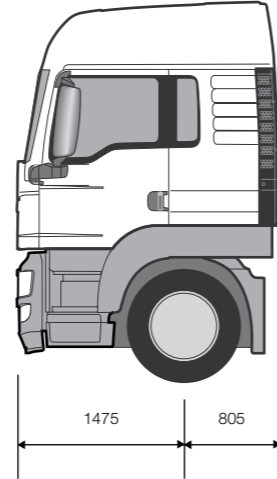
'L' Sleeper - Standard

Additional weight: 0 kg



'LX' Sleeper

Additional weight: 20 kg



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Frankland Road, Blagrove,
Swindon, Wiltshire SN5 8YU
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Ref: MAN TGS 6X2DB / 07
Issue Date: October 2019
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.

TGS 6x2 Drawbar

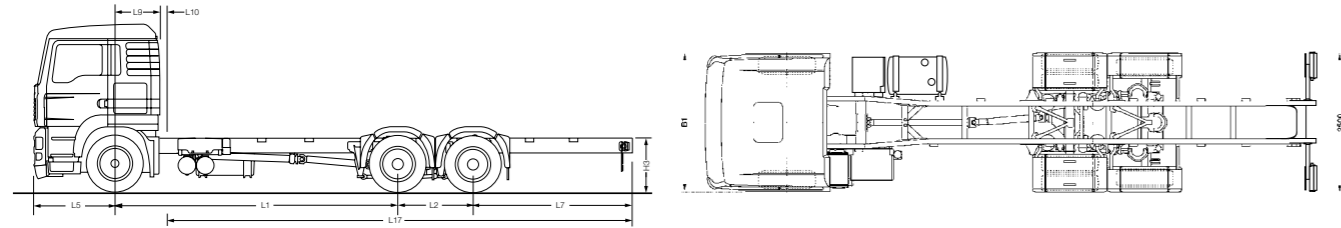
Chassis Specification: TGS 26.400 6x2-2 BL
TGS 26.430 6x2-2 BL
TGS 26.470 6x2-2 BL



TGS 6x2 Drawbar

Base Cab Model TGS 'L' Cab

For cab variants, options and specifications see separate 'TGS Cab Specification' sheet



Vehicle Dimensions (mm)

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
L10	Back of cab to foremost body/equip. position	80	80	80	80	80	80
L17	Min. recommended body length	mm	6298	6822	7341	7861	8552
		ft.ins	20'7"	22'4"	24'1"	25'9"	28'0"
	Max. recommended body length	mm	6567	7109	7645	8183	8898
		ft.ins	21'6"	23'3"	25'1"	26'10"	29'2"
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

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	17600	18500	19400	20300	21500	22700
KTK	Kerb to Kerb	15900	16800	17700	18600	19800	21000

Unladen Weights (kg +/- 2.5%)

Front axle	4900	4930	4945	4960	4980	4995
Rear axle	3495	3500	3525	3550	3570	3595
Total	8395	8430	8470	8510	8550	8590

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	44000
		40000 ⁽¹⁾ /44000 ⁽²⁾
GVW	Gross Vehicle Weight	26000
		26000 ⁽¹⁾ /24900 ⁽²⁾
Front axle		8000 ⁽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⁾ Alternative Front Axle capacities available: 7500 kg; 9000 kg.

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
D1556 Engine in lieu of D2676 Engine	-195	0	-195	9000 kg Parabolic front spring	+40	0	+40
Rear steer facility	+15	+75	+90	Air Conditioning	+40	0	+40
16 Speed manual gearbox	+35	+15	+50	385/65R Super Single Tyres on			
PTO NH/4	+4	+3	+7	11.75x22.5 steel rims on front	+38	0	+38
Alloy Air Tanks	-10	-5	-15	'M' Day cab	-155	0	-155
9.00 x 22.5 Alcoa Alloy Wheels	-38	-114	-152	'LX' Sleeper cab	+20	0	+20
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
225 Ah Batteries	+30	0	+30				

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

TGS 6x2 Drawbar



Engine Model - Euro 6

	D1556LF07	D2676LF80	D2676LF79
Engine Power (PS)	400	430	470
Rated Speed (rpm)	1800	1800	1800
Torque (Nm)	1800	2200	2400
Torque Range (rpm)	1000 - 1500	930 - 1350	930 - 1350
Cylinders	6	6	6
Capacity (cc)	9037	12419	12419

Features

- Common Rail EDC
- Cruise Control
- Exhaust valve brake
- Road speed limiter set to 89 kph
- OBD-D

Performance @44000 kg

Engine Power	Gearbox TipMatic®	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
400PS	1226 DD	2.71:1	79	1280	1160	33%+	315/70R22.5
430PS	1226 DD	2.53:1	85	1200	1090	33%+	315/70R22.5
470PS	1226 DD	2.53:1	85	1200	1090	33%+	315/70R22.5

Clutch

Single plate 430mm diameter, asbestos free lining

Axles

Steer	VOK-09 drop beam
Drive	HY-1350 single reduction
Rearlift	NO-08 non steering

Braking System

Type Electronic Brake System (EBS) with Anti-lock Braking System (ABS) and ASR traction control, including Emergency Brake Assist (EBA)

Features Vented disc brakes, 2 line trailer brake connections and pad wear indicators

Parking Brake Spring brakes on rear axle

Suspension

Steer Axle	Parabolic Springs with Shock Absorbers and 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 Servocom hydraulically assisted

Wheels & Tyres

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

Exhaust System

Ground discharge silencer, incorporating diesel particulate filter (DPF)

General Equipment

60 litre AdBlue® tank
Electronic immobiliser
Chassis side guards
3 piece plastic rear wings and spray reduction mats
Mechanical battery master switch
Rear axle diff lock
Heated water trap
Full bodybuilder and telemetry interface module
Lane Guard System (LGS)
Electronic Stability Programme (ESP)

Frame

Construction	Bolted and Riveted
Material	High tensile steel (S500MC)
Section	270 x 85 x 8mm
	942 - 762mm waisted

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	120 Amp
Batteries	2 x 12v 175Ah