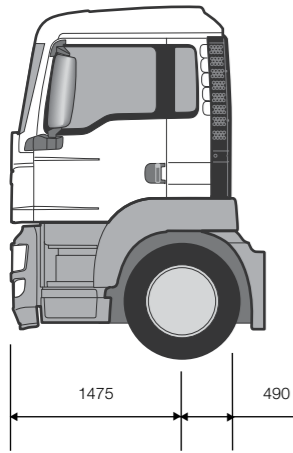


TGS 6x4 Rigid

Cab Options

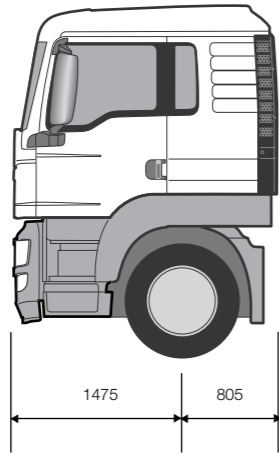
'M' Day Cab

Additional weight: -155 kg



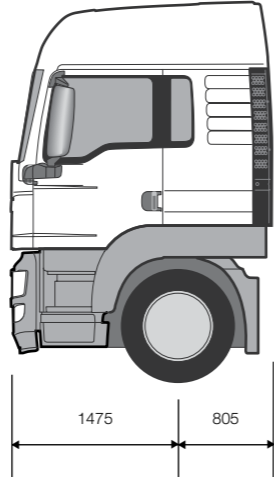
'L' Sleeper - Standard

Additional weight: 0 kg



'LX' Sleeper

Additional weight: 20 kg



MAN Truck & Bus UK Ltd.,
 Frankland Road, Blagrove,
 Swindon, Wiltshire SN5 8YU
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Ref: MAN TGS 6X4RIG / 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 6x4 Rigid

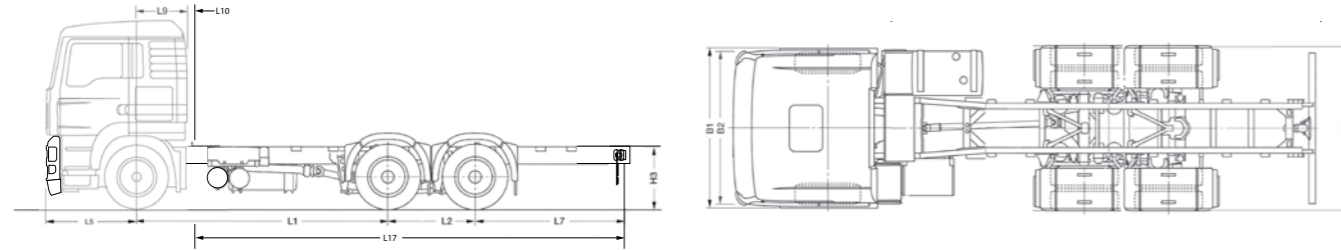
Chassis Specification: TGS 26.400 6x4 BB
 TGS 26.430 6x4 BB
 TGS 26.470 6x4 BB



TGS 6x4 Rigid

Base Cab Model TGS 'L' Cab

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



Vehicle Dimensions (mm)

L1	Wheelbase	3900	4200	4500	4800	5100
L2	Rear bogie spread	1400/1350*	1400/1350*	1400/1350*	1400/1350*	1400/1350*
L5	Front overhang	1475	1475	1475	1475	1475
L7	Rear overhang	2050/2100*	2200/2250*	2500/2550*	2600/2650*	2750/2800*
L9	Centre line front axle to back of cab	805	805	805	805	805
L10	Back of cab to foremost body/equip. position	80	80	80	80	80
L17	Min. recommended body length	mm	5905	6450	6900	7400
		ft.ins	19'4"	21'1"	22'7"	24'3"
	Max. recommended body length	mm	6460	7045	7530	8065
		ft.ins	21'2"	23'1"	24'8"	26'5"
B1	Width across wings	2500	2500	2500	2500	2500
H3	Frame height at centre rear wheels	- laden	957	957	957	957
		- unladen	1027/987*	1027/987*	1027/987*	1027/987*

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

*Dimensions with rear bogie air suspension

Turning Circle

WTW	Wall to Wall	19600	20400	21300	22200	23100
KTK	Kerb to Kerb	18000	18800	19700	20600	21500

Unladen Weights (kg +/- 2.5%)

Front axle	5040	5050	5055	5060	5070
Rear bogie	4015	4145	4185	4205	4220
Total	9055	9195	9240	9265	9290

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⁾ /25000 ⁽²⁾
Front axle	8000 ⁽³⁾	8000 ⁽³⁾
Rear bogie	20000	19000 ⁽¹⁾ /17000 ⁽²⁾

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

⁽³⁾ Alternative Front Axle capacity available: 9000 kg.

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
D1556 engine in lieu of D2676 engine	-195	0	-195	225 Ah Batteries	+30	0	+30
Rear bogie 8 bellow air suspension	0	-210	-210	Air conditioning	+40	0	+40
16 Speed manual gearbox	+35	+15	+50	385/65R Super single tyres on			
PTO NH/4	+5	+2	+7	11.75x22.5 steel rims on front	+38	0	+38
Alloy air tanks	-9	-6	-15	'M' Day cab	-155	0	-155
Door extensions	+12	0	+12	'LX' Sleeper cab	+20	0	+20
3 Piece Steel Bumper	+105	-30	+75	Adjustable cab roof spoiler	+40	0	+40

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

TGS 6x4 Rigid



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

⁽¹⁾ With MAN TopTorque (TipMatic only).

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		Starting Grade	Tyre Size
				@55 mph	@50 mph		
400PS	1226 DD	3.08:1	73	1400	1270	33%+	295/80R22.5
430PS	1226 DD	3.08:1	73	1400	1270	33%+	295/80R22.5
470PS	1226 DD	3.08:1	73	1400	1270	33%+	295/80R22.5

Clutch

Single plate 430mm diameter, asbestos free lining

Axles

Steer VOK-09 drop beam
Drive HDY-1160/HY-1133 single reduction with cross axle and inter axle diff locks

Braking System

Type Electronic Brake System (EBS) with Anti-lock Braking System (ABS)
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

1	16.69	2	12.92
3	9.93	4	7.67
5	5.9	6	4.57
7	3.66	8	2.83
9	2.17	10	1.68
11	1.29	12	1.00
R1	15.54		

Suspension

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

Steering Gear

Type ZF Servocom hydraulically assisted

Wheels & Tyres

Steer Axle Tyres 315/80R 22.5 steer tread
Wheels 9.00x22.5
Drive Axles Tyres 295/80R 22.5 traction tread
Wheels 9.00x22.5

Exhaust System

Ground discharge silencer, incorporating diesel particulate filter (DPF)

Frame

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

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

General Equipment

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

Fuel Tank

Capacity 400 Litre
Section Rectangular Steel
RHS mounted
Locking cap