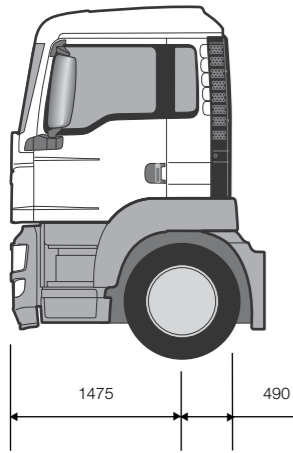


TGS 4x2 Drawbar Cab Options

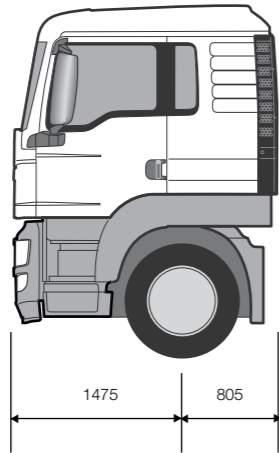
'M' Day Cab

Additional weight: -155 kg



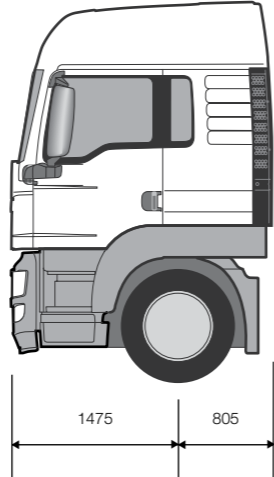
'L' Sleeper - Standard

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 4X2DB / 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 4x2 Drawbar

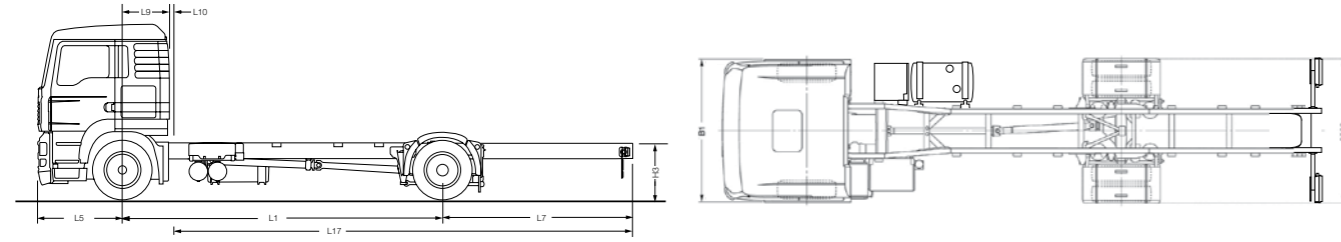
Chassis Specification: TGS 18.400 4x2 BL
TGS 18.430 4x2 BL
TGS 18.470 4x2 BL



TGS 4x2 Drawbar

Base Cab Model TGS 'L' Cab

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



Vehicle Dimensions (mm)

L1	Wheelbase	4800	5100	5500	5900	6300	6700
L5	Front overhang	1475	1475	1475	1475	1475	1475
L7	Rear overhang	2500	2900	3200	3400	3700	3400
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	5515	5982	6601	7215	7830
		ft.ins	18'1"	19'7"	21'7"	23'8"	25'8"
	Max. recommended body length	mm	6413	6941	7640	8336	9032
		ft.ins	21'0"	22'9"	25'0"	27'4"	29'7"
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, 4,200, 4,500 - 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	18200	19100	20300	21600	22800	24000
KTK	Kerb to Kerb	16500	17400	18600	19900	21100	22300

Unladen Weights (kg +/- 2.5%)

Front axle	4850	4880	4900	4920	4935	4950
Rear axle	2390	2420	2450	2480	2515	2535
Total	7240	7300	7350	7400	7450	7485

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
GVW	Gross Vehicle Weight	19000
Front axle	8000 ⁽¹⁾	8000 ⁽¹⁾
Rear axle	13000	11500

N.B. Tyre changes can effect legal weights. ⁽¹⁾ 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	225 Ah Batteries	+30	0	+30
16 Speed manual gearbox	+35	+15	+50	Air Conditioning	+40	0	+40
PTO NH/4	+5	+2	+7	'M' Day cab	-155	0	-155
Alloy Air Tanks	-11	-4	-15	'LX' Sleeper cab	+20	0	+20
Front Air Suspension	+95	0	+95	Adjustable cab roof spoiler	+40	0	+40
9.00 x 22.5 Alcoa Alloy Wheels	-38	-76	-114	ADR Preparation	+40	0	+40
Door extensions	+12	0	+12				

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

TGS 4x2 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 @40000 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

Braking System

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

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
R	15.54		

Suspension

Steer Axle Parabolic Springs with Shock Absorbers and Stabiliser
Drive Axle ECAS Controlled
4 Bag Air
Hydraulic Dampers
4-Point Control Arm

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

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

Fuel Tank

Capacity 400 Litre
Section Rectangular Steel
RHS mounted
Locking cap

General Equipment

60 litre AdBlue® tank
Electronic immobiliser
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)