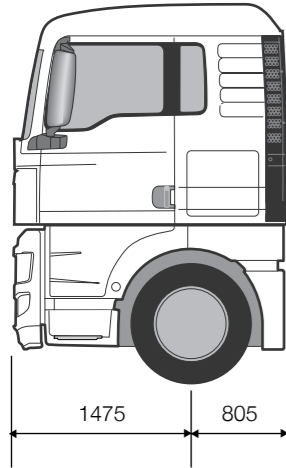


TGX 4x2 Drawbar

Cab Options

'XL' Sleeper - Standard

Additional weight: 0 kg



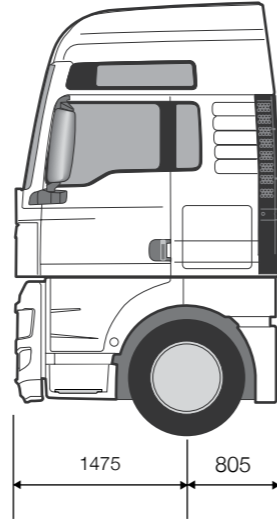
'XLX' Sleeper

Additional weight: 40 kg



'XXL' Sleeper

Additional weight: 85 kg



MAN Truck & Bus UK Ltd.,
Frankland Road, Blagrove,
Swindon, Wiltshire SN5 8YU
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Ref: MAN TGX 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.

TGX 4x2 Drawbar

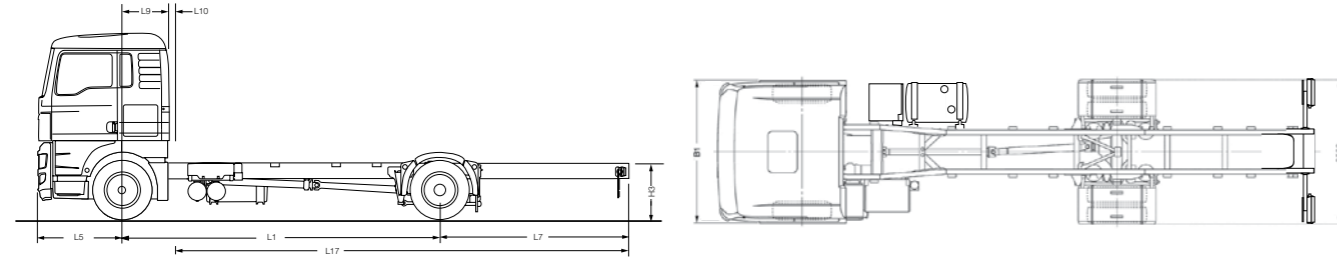
Chassis Specification: TGX 18.430 4x2 BL
TGX 18.470 4x2 BL
TGX 18.510 4x2 BL



TGX 4x2 Drawbar

Base Cab Model TGX 'XL' Cab

For cab variants, options and specifications see separate 'TGX 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	5646	6123	6754	7380	8007	8639
		ft.ins	18'6"	20'1"	22'1"	24'2"	26'3"	28'4"
	Max. recommended body length	mm	6561	7100	7812	8521	9195	9640
		ft.ins	21'6"	23'3"	25'7"	27'11"	30'2"	31'7"
B1	Width across wings	2500	2500	2500	2500	2500	2500	
H3	Frame height at centre rear wheels	- laden	938	938	938	938	938	938
		- unladen	968	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	18400	19300	20500	21800	230700	24200
KTK	Kerb to Kerb	16500	17400	18600	19900	21100	22300

Unladen Weights (kg +/- 2.5%)

Front axle	4965	4965	5090	5110	5125	5140
Rear axle	2390	2420	2450	2480	2515	2535
Total	7355	7415	7540	7590	7640	7675

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
GVW Gross Vehicle Weight	19000	18000
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
16 Speed manual gearbox	+30	+20	+50	225 Ah Batteries	+30	0 +30
PTO NH/4	+5	+2	+7	'XLX' Sleeper cab	+40	0 +40
Alloy Air Tanks	-11	-4	-15	'XXL' Sleeper cab	+85	0 +85
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

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

TGX 4x2 Drawbar



Engine Model - Euro 6

	D2676LF80	D2676LF79	D2676LF78
Engine Power (PS)	430	470	510
Rated Speed (rpm)	1800	1800	1800
Torque (Nm)	2200	2400	2600
Torque Range (rpm)	930 - 1350	930 - 1350	930 - 1350
Cylinders	6	6	6
Capacity (cc)	12419	12419	12419

Features

- Exhaust Gas Recirculation and Selective Catalytic Reduction
- 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
430PS	1226 DD	2.53:1	85	1280	1160	33%+	315/70R22.5
470PS	1226 DD	2.53:1	85	1200	1090	33%+	315/70R22.5
520PS	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)

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
Remote control central locking
Heated water trap
Full bodybuilder and telemetry interface module
Bluetooth® interface
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

Electrical System

Type MANTronic CAN bus system with central on board computer and vehicle management computer

Fuel Tank

Capacity 400 Litre
Section Rectangular Steel
RHS mounted
Locking cap

Voltage 24v

Alternator 120 Amp

Batteries 2 x 12v 175Ah