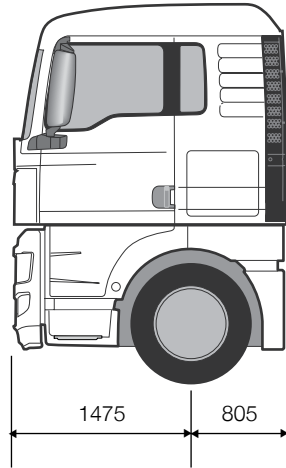


# TGX 6x2 Drawbar Cab Options

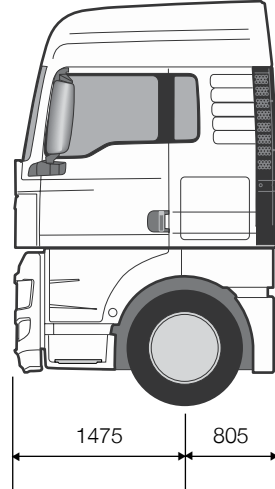
## 'XL' Sleeper - Standard

Additional weight: 0 kg



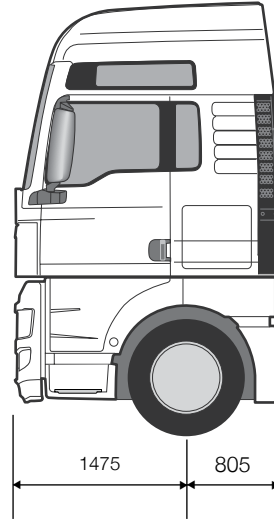
## 'XLX' Sleeper

Additional weight: 40 kg



## 'XXL' Sleeper

Additional weight: 85 kg



**MAN Truck & Bus UK Ltd.,**  
Frankland Road, Blagrove,  
Swindon, Wiltshire SN5 8YU  
[www.mantruckandbus.co.uk](http://www.mantruckandbus.co.uk)

Ref: MAN TGX D38 6X2DB / 02  
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 D38 6x2 Drawbar

Chassis Specification: TGX 26.540 6x2-2 LL  
TGX 26.580 6x2-2 LL  
TGX 26.640 6x2-2 LL

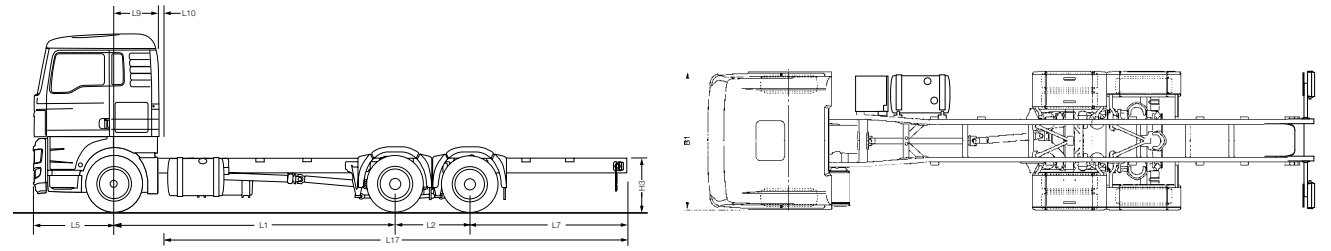


# TGX D38 6x2 Drawbar



## Base Cab Model TGX 'XL' Cab

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



## Vehicle Dimensions (mm)

Dimension	3900	4200	4500	4800	5100
L1 Wheelbase	3900	4200	4500	4800	5100
L2 Rear bogie spread	1350	1350	1350	1350	1350
L5 Front overhang	1475	1475	1475	1475	1475
L7 Rear overhang	1950	2150	2400	2600	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	5890	6390	6930	7710	7950
	ft.ins	21'0"	22'9"	24'4"	26'7"
Max. recommended body length	6385	6945	7400	7650	8400
	ft.ins	20'11"	22'9"	24'3"	25'1"
B1 Width across wings	2500	2500	2500	2500	2500
H3 Frame height at centre rear wheels	938	938	938	938	938
	- laden				
	- unladen	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

Measurement	18000	18900	19800	20800	21700
WTW Wall to Wall	18000	18900	19800	20800	21700
KTK Kerb to Kerb	16200	17100	18000	18900	19900

## Unladen Weights (kg +/- 2.5%)

Component	3900	4200	4500	4800	5100
Front axle	5640	5640	5665	5630	5640
Rear axle	3205	3235	3270	3410	3450
Total	8845	8875	8935	9040	9090

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 <sup>(1)</sup> /44000 <sup>(2)</sup>
GVW Gross Vehicle Weight	26000	26000 <sup>(1)</sup> /24900 <sup>(2)</sup>
Front axle	8000 <sup>(3)</sup>	8000 <sup>(3)</sup>
Drive axle	11500	11500 <sup>(1)</sup> /10500 <sup>(2)</sup>
Rearlift axle	7500	7500 <sup>(1)</sup> /6900 <sup>(2)</sup>

N.B. Tyre changes can effect legal weights. <sup>(1)</sup> At 40000 kg or below. <sup>(2)</sup> Above 40000 kg. <sup>(3)</sup> Alternative Front Axle capacities available: 9000 kg.

## Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
Rear steer facility	+15	+75	+90	'XLX' Sleeper cab	+40	0	+40
PTO NH/4	+4	+3	+7	'XXL' Sleeper cab	+85	0	+85
Alloy Air Tanks	-10	-5	-15	Adjustable cab roof spoiler	+40	0	+40
9.00 x 22.5 Alcoa Alloy Wheels	-38	-114	-152	ADR Preparation	+40	0	+40
385/65R Super Single Tyres on 11.75x22.5 steel rims on front	+38	0	+38				

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

# TGX D38 6x2 Drawbar

## Engine Model - Euro 6

	D3876LF12	D3876LF11	D3876LF10
Engine Power (PS)	540	580	640
Rated Speed (rpm)	1800	1800	1800
Torque (Nm)	2700	2400	3000
Torque Range (rpm)	900 - 1380	900 - 1380	900 - 1400
Cylinders	6	6	6
Capacity (cc)	15256	15256	15256

## 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 @44000 kg

Engine Power	Gearbox TipMatic®	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
540PS	1229 DD	2.53:1	85	1200	1090	33%+	315/70R22.5
580PS	1229 DD	2.53:1	85	1200	1090	33%+	315/70R22.5
640PS	1229 DD	2.53:1	85	1200	1090	33%+	315/70R22.5

## Clutch

Single plate 430mm diameter, asbestos free lining

## Axles

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

## Suspension

Steer Axle	ECAS Controlled 2 Bag Air Hydraulic Dampers Stabiliser
Drive Axle	ECAS Controlled 4 Bag Air Hydraulic Dampers Stabiliser
Rearlift Axle	2 Bag Air Hydraulic Dampers Air operated lift Stabiliser

## 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		

## Frame

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

## 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

## 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 225Ah

## Fuel Tank

Capacity	400 Litre
Section	Rectangular Steel RHS mounted Locking cap

## 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 axles

## Steering Gear

Type ZF Servocom hydraulically assisted

## 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)