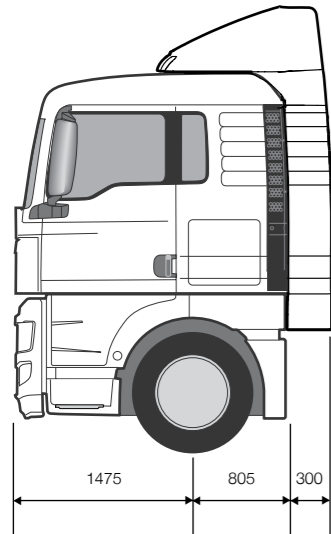


# TGX D38 4x2 Tractor

## Cab Options

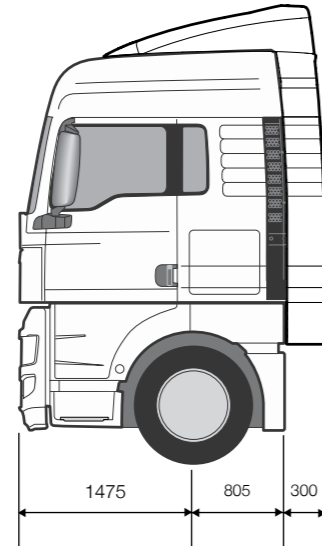
### 'XL' Sleeper - Standard

Additional weight: 0 kg



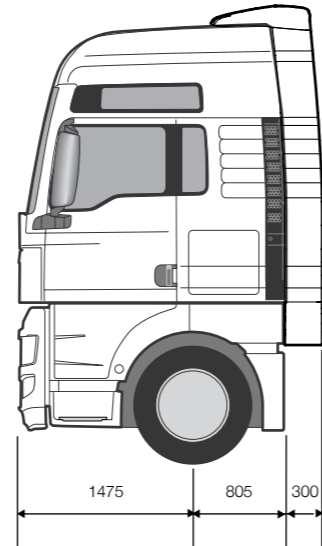
### 'XLX' Sleeper

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 4X2TRAC / 04  
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 4x2 Tractor

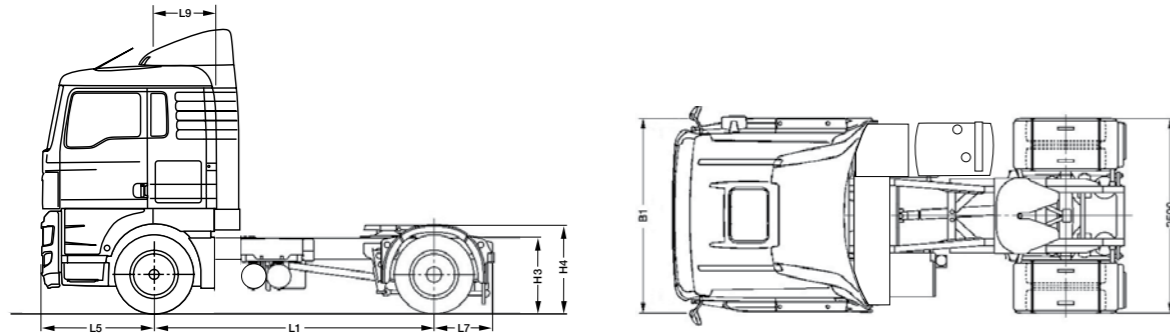
Chassis Specification: TGX 18.540 4x2 BLS  
TGX 18.580 4x2 BLS  
TGX 18.640 4x2 BLS



# TGX D38 4x2 Tractor

## Base Cab Model TGX 'XL' Cab

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



## Vehicle Dimensions (mm)

Dimension	Value	Value
<b>L1 Wheelbase</b>	<b>3600</b>	<b>3900</b>
L5 Front overhang	1475	1475
L7 Rear overhang	800	800
L9 Centre line front axle to back of cab	805	805
B1 Width across wings	2500	2500
H3 Fifth wheel flitch height at centre rear wheels	- laden 926	926
	- unladen 956	956
H4 Standard fifth wheel height	- laden 1211	1211
	- unladen 1241	1241

## Turning Circle

WTW Wall to Wall	14800	15700
KTK Kerb to Kerb	13000	13900
Optimum 5th wheel position for standard specification	585	885

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

Front axle	5580	5580
Rear axle	1990	2005
Total	7570	7585

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
GCW Gross Combination Weight	44000	40000
GVW Gross Vehicle Weight	18000	18000
Front axle	8000 <sup>(1)</sup>	8000 <sup>(1)</sup>
Rear axle	11500	11500

N.B. Tyre changes can effect legal weights. <sup>(1)</sup> Alternative Front Axle capacities available: 8000 kg; 9000 kg

## Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
Sliding 5th wheel	-10	+59	+49	'XLX' Sleeper cab	+40	0	+40
PTO NH/4	+4	+3	+7	'XXL' Sleeper cab	+85	0	+85
Alloy Air Tanks	-6	-4	-10	Side skirts based on 3900mm wheelbase	+28	+28	+56
9.00 x 22.5 Alcoa Alloy Wheels	-38	-76	-114				

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

# TGX D38 4x2 Tractor



## Engine Model - Euro 6

	D3876LF12	D3876LF11	D3876LF10
Engine Power (PS)	540	580	640
Rated Speed (rpm)	1800	1800	1800
Torque (Nm)	2700	2900	3000
Torque Range (rpm)	930 - 1380	930 - 1380	930 - 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 @40000 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-09 drop beam  
Drive HY-1350 single reduction

## 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

## Gearbox

MAN TipMatic® 12 speed automated gearbox

## Ratios

1	16.69	2	12.92
3	9.93	4	7.67
5	5.90	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  
Stabiliser

## Steering Gear

Type ZF Servocom hydraulically assisted

## Exhaust System

Ground discharge silencer, incorporating diesel particulate filter (DPF)

## Wheels & Tyres

Steer Axle Tyres 315/70R22.5  
steer tread  
Wheels 9.00x22.5  
Drive Axle Tyres 315/70R22.5  
traction tread  
Wheels 9.00x22.5

## General Equipment

60 litre AdBlue® tank  
Electronic immobiliser  
Adjustable air management kit with cab side deflectors  
Fixed fifth wheel and base plate  
3 piece plastic rear wings and spray reduction mats  
Mechanical battery master switch  
Catwalk  
Hoses and couplings including ABS lead  
Coupling lamp  
Rear axle diff lock  
Remote control central locking  
Heated water trap  
Full bodybuilder and telemetry interface module  
Bluetooth® interface  
Mirror backs and central air dam finished in matt silver  
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  
Voltage 24v  
Alternator 120 Amp  
Batteries 2 x 12v 225Ah

## Fuel Tank

Capacity 400 Litre  
Section Rectangular Steel  
RHS mounted  
Locking cap