



## **TGX 6x4 Tractor**

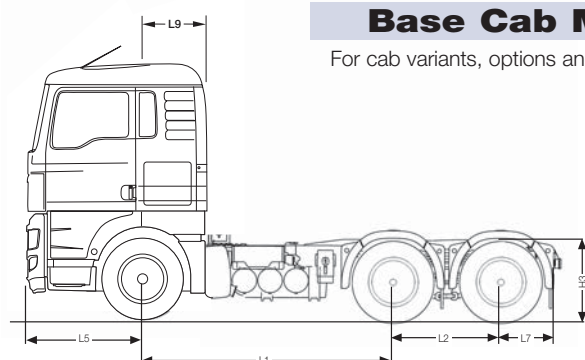
Chassis Specification:    TGX 26.400 6x4 BBS  
   TGX 26.440 6x4 BBS  
   TGX 26.480 6x4 BBS



**MAN EGR: Add Nothing!**

# TGX 26.400 6x4 BBS Tractor TGX 26.440 6x4 BBS Tractor TGX 26.480 6x4 BBS Tractor

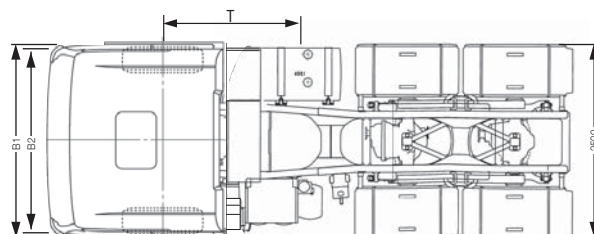
## Chassis Specification



### Base Cab Model

### TGX 'XL' Cab

For cab variants, options and specifications see separate TGX cab specification sheet



## Vehicle Dimensions (mm)

		3200	3600	3900
L1	Wheelbase	3200	3600	3900
L2	Rear bogie spread	1400/1350*	1400/1350*	1400/1350*
L5	Front overhang	1475	1475	1475
L7	Rear overhang	700/750*	700/750*	700/750*
L9	Centre line front axle to back of cab	805	805	805
B1	Width across wings	2500	2500	2500
B2	Cab width over doors	2240	2240	2240
H3	Frame height at centre rear wheels	- laden 1040 - unladen 1160/1070*	- laden 1040 - unladen 1160/1070*	- laden 1040 - unladen 1160/1070*
T	Centre of front axle to centre of fuel tank	1810	1810	1810

## Turning Circle

WTW	Wall to Wall	16200	17400	18300
KTK	Kerb to Kerb	14400	15600	16500
	Optimum 5th wheel position for standard specification	1125	1175	1225

\* Dimensions with rear bogie air suspension.

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

Front axle	4870	4880	4885
Rear bogie	3710	3720	3730
Total	8580	8600	8615

N.B. Unladen weights are for vehicle in standard specification with 25 litres of fuel and without driver.

## Plated/Operating Weights (kg)

This model can operate up to 80000 kg in STGO Cat 2

	Design	UK Legal
GCW Gross Combination Weight	44000	40000/44000 <sup>(2)</sup>
GVW Gross Vehicle Weight	26000	26000/25000 <sup>(2)</sup>
Front axle	8000/9000 <sup>(3)</sup>	8000/9000 <sup>(3)</sup>
Rear bogie	20000	19000 <sup>(1)</sup> /17000 <sup>(2)</sup>

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

<sup>(3)</sup> With VOK-09 axle, 9000 kg springs and 385/65R 22.5 tyres.

## Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
D26 Engine in lieu of D20 engine	+25	0	+25	385/65R Super Single Tyres on			
Rear bogie 8 bellow air suspension	0	-210	-210	11.75x22.5 steel rims on front	+38	0	+38
HPD1353/HP1333 hub reduction drive axles*	0	+75	+75	'XLX' Sleeper cab	+20	0	+20
Tipmatic Automatic Gearbox	-40	-25	-65	'XXL' Sleeper cab	+70	0	+70
ZF PTO NH/4	+4	+3	+7	Jost pressed fixed 5th wheel inc bed plate - 44 tonnes	+18	+168	+186
Alloy Air Tanks	-5	-10	-15	Jost pressed sliding 5th wheel assembly - 44 tonnes	+5	+230	+235
3 Piece Steel Bumper	+86	-22	+64	Air management kit	+75	0	+75
VOK-09 dropped beam front axle	+30	0	+30	Components weights are provided as a guide and may vary depending on make and manufacturing tolerances.			
9000 kg parabolic front spring	+14	0	+14				
225 Ah Batteries	+30	0	+30				

# TGX 26.400 6x4 BBS Tractor TGX 26.440 6x4 BBS Tractor TGX 26.480 6x4 BBS Tractor



## Chassis Specification

Engine Model	D2066LF37 400 PS	D2066LF36 440 PS	D2676LF05 480 PS
D20, 6 Cylinder in-line, 10.5 litre, Euro 4	400PS @ 1900 rpm 1900 Nm @ 1000-1400 rpm	440PS @ 1900 rpm 2100 Nm @ 1000-1400 rpm	480PS @ 1900 rpm 2300 Nm @ 1050-1400 rpm
D26, 6 Cylinder in-line, 12.4 litre, Euro 4			
<b>Features</b>			
<ul style="list-style-type: none"> <li>Exhaust Gas Recirculation (EGR)</li> <li>Common Rail EDC</li> <li>Cruise Control</li> <li>Exhaust valve brake</li> <li>Road speed limiter set not to exceed 56mph (90kph)</li> <li>On-board diagnostics with NO<sub>x</sub> control</li> </ul>			

Performance								@44000 kg
Engine Power	Gearbox	Axle Ratio	Gear Road Speed	Engine RPM	Starting Grade	Tyre Size		
		(HYD1370/HY1350)	(mph)	@55 mph	@53 mph			
400PS/440PS	ZF 16S222 DD	3.08:1	73.2	1430	1375	33%+	295/80R22.5	
480PS	ZF 16S232 DD	3.08:1	73.2	1430	1375	33%+	295/80R22.5	
		(HPD1353/HP1333)						
400PS/440PS	ZF 16S222 OD	3.63:1	74.0	1415	1360	33%+	295/80R22.5	
		4.33:1	62.0	1685	1625	33%+	295/80R22.5	
480PS	ZF 16S222 OD	3.63:1	74.0	1415	1360	33%+	295/80R22.5	

**Clutch**  
Single plate 430mm diameter, non asbestos

**Gearbox**  
ZF Direct Drive 16 speed gearbox with range change and splitter (Overdrive with hub reduction axles)

Ratios

Forward			
1L	16.41	1H	13.80
2L	11.28	2H	9.49
3L	7.76	3H	6.53
4L	5.43	4H	4.57
5L	3.59	5H	3.02
6L	2.47	6H	2.08
7L	1.70	7H	1.43
8L	1.19	8H	1.00

Reverse

L	15.36	H	12.92
---	-------	---	-------

**Frame**  
Construction Bolted and Riveted  
Material High tensile steel  
Section 270 x 85 x 8mm  
940 - 762mm waisted

**Fuel Tank**  
Capacity 400 Litre  
Section Rectangular Steel  
RHS mounted  
Locking cap

**Axles**  
Steer VOK-08 drop beam  
Drive HYD-1370/HY-1350  
single reduction drive axles with cross and inter axle differential locks

**Suspension**  
Steer Axle Parabolic Springs with Shock Absorbers and Stabiliser  
Rear Bogie Parabolic Springs with Shock Absorbers and Stabiliser

**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

**Electrical System**  
Type MANTronic CAN bus system with central on board computer and vehicle management computer  
Voltage 24v  
Alternator 80 Amp  
Batteries 2 x 12v 175Ah

**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  
\* Cam brakes on Hub Reduction axles

**Steering Gear**  
Type ZF 8098 Servocom hydraulically assisted.

**Exhaust System**  
Ground discharge silencer. Incorporating MAN PM-KAT® Technology

**General Equipment**  
3 piece plastic rear wings and spray reduction mats  
Catwalk & Step  
Hoses and couplings including ABS lead  
Coupling lamp

---

MAN ERF UK Ltd.,  
Frankland Road, Blagrove,  
Swindon. Wiltshire SN5 8YU  
[www.man-mn.co.uk](http://www.man-mn.co.uk)

**A member of the MAN Group.**

