



TGX 6x4 Rigid

Chassis Specification:

TGX 26.400 6x4 BB
TGX 26.440 6x4 BB
TGX 26.480 6x4 BB



MAN EGR: Add Nothing!

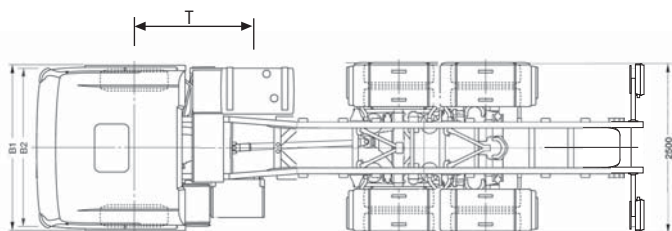
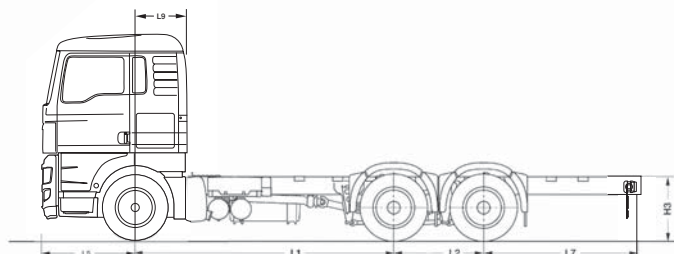
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Chassis Specification

Base Cab Model

TGX 'XL' Cab

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



Vehicle Dimensions (mm)

L1	Wheelbase		3900	4200	4500	4800
L2	Rear bogie spread		1400/1350*	1400/1350*	1400/1350*	1400/1350*
L5	Front overhang		1475	1475	1475	1475
L7	Rear overhang		2050/2100*	2200/2250*	2500/2550*	2600/2650*
L9	Centre line front axle to back of cab		805	805	805	805
L17	Min. recommended body length	mm	6000	6550	7050	7550
		ft.ins	19'9"	21'6"	23'2"	24'10"
	Max. recommended body length	mm	6200	6750	7250	7750
		ft.ins	20'4"	22'2"	23'9"	25'5"
B1	Width across wings		2500	2500	2500	2500
B2	Cab width over doors		2240	2240	2240	2240
H3	Frame height at centre rear wheels	- laden	960	960	960	960
		- unladen	1030/990*	1030/990*	1030/990*	1030/990*
T	Centre line of axle to centre of fuel tank		1975	1975	1975	1975

Recommended body length only applicable to bodies with UDL, without auxiliary equipment and vehicle to base specification

*Dimensions with rear bogie air suspension

Turning Circle

WTW	Wall to Wall	18200	19100	20100	21000
KTK	Kerb to Kerb	16500	17400	18300	19200

Unladen Weights (kg +/- 2.5%)

Front axle	4620	4630	4440	4645
Rear bogie	4020	4035	4055	4070
Total	8640	8665	8495	8715

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

Plated/Operating Weights (kg)

	Design	UK Legal
GTW Gross Train Weight	44000	40000/44000 ⁽²⁾
GVW Gross Vehicle Weight	26000	26000/25000 ⁽²⁾
Front axle	8000	8000
Rear bogie	20000	19000 ⁽¹⁾ /17000 ⁽²⁾

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

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
Tipmatic Automated Gearbox	-45	-20	-65	'XLX' Sleeper cab	+20	0	+20
ZF PTO NH/4	+5	+2	+7	'XXL' Sleeper cab	+70	0	+70
Alloy air tanks	-9	-6	-15	Adjustable cab roof spoiler	+40	0	+40
3 Piece Steel Bumper	+80	-14	+64	Components weights are provided as a guide and may vary depending on			
225 Ah Batteries	+30	0	+30	make and manufacturing tolerances.			

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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			
Features			
<ul style="list-style-type: none"> Exhaust Gas Recirculation (EGR) Common Rail EDC Cruise Control Exhaust valve brake Road speed limiter set not to exceed 56mph (90kph) On-board diagnostics with NO_x control 			

Performance								@44000 kg
Engine Power	Gearbox	Axle Ratio	Gear Road Speed (mph)	Engine RPM @55 mph	Engine RPM @53 mph	Starting Grade	Tyre Size	
400/440PS	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	

Clutch
Single dry plate 430mm diameter, non asbestos

Axles
Steer Axle VOK-08 dropped beam
Drive Axles HDY-1370/HY-1350 single reduction drive axles with cross axle and inter axle diff locks

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

Gearbox
ZF Direct Drive 16 speed gearbox with range change and splitter

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
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Suspension
Steer Axle Parabolic springs with shock absorbers and stabiliser
Drive Axles Parabolic springs with shock absorbers and stabiliser

Steering Gear
Type ZF 8098 Servocom hydraulically assisted.

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

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

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

General Equipment
Chassis side guards.
3 piece plastic rear wings and spray reduction mats.

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

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

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