



TGX 6x2 Tag Axle Tractor

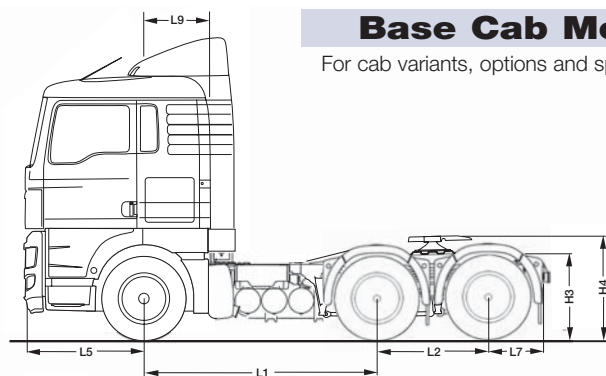
Chassis Specification: TGX 26.400 6x2-2 BLS
 TGX 26.440 6x2-2 BLS
 TGX 26.480 6x2-2 BLS



MAN EGR: Add Nothing!

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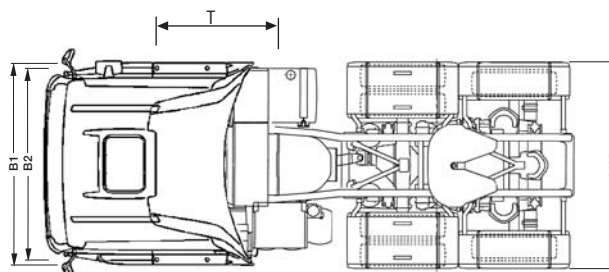
Chassis Specification



Base Cab Model

TGX 'XL' Cab

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



Vehicle Dimensions (mm)

L1	Wheelbase	2900
L2	Rear bogie spread	1350
L5	Front overhang	1475
L7	Rear overhang	750
L9	Centre line front axle to back of cab	805
B1	Width across wings	2500
H3	Frame height at centre rear wheels	- laden 941 - unladen 971
H4	Standard 5th wheel height	- laden 1204 - unladen 1234
T	Centre of front axle to centre of fuel tank	1335

Turning Circle

WTW	Wall to Wall	14300
KTK	Kerb to Kerb	12600
	Optimum 5th wheel position for standard specification	1240

Unladen Weights (kg +/- 2.5%)

Front axle	4680
Rear bogie	3240
Total	7920

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
GCW Gross Combination Weight	50000	40000/44000 ⁽²⁾
GVW Gross Vehicle Weight	26000	25500 ⁽¹⁾ /24900 ⁽²⁾
Front axle	8000	7500
Drive axle	11500	11500 ⁽¹⁾ /10500 ⁽²⁾
Lift axle	7500	7500 ⁽¹⁾ /6900 ⁽²⁾

N.B. Tyre changes can effect legal weights. ⁽¹⁾@ 40000 kg or below ⁽²⁾above 40000 kg.

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			
Fixed 5th wheel	+17	-66	-49	11.75x22.5 steel rims on front	+38	0	+38
16 Speed manual gearbox	+35	+30	+65	'XLX' Sleeper cab	+20	0	+20
ZF PTO NH/4	+4	+3	+7	'XXL' Sleeper cab	+70	0	+70
Alloy Air Tanks	-3	-12	-15	ADR Preparation	+40	0	+40
9.00 x 22.5 Alcoa Alloy Wheels	-38	-114	-152	Components weights are provided as a guide and may vary depending on make and manufacturing tolerances.			
3 piece steel bumper	+89	-25	+64				
225 Ah Batteries	+30	0	+30				

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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	
400PS	ZF 12AS2130 DD	3.08:1	71.1	1470	1415	33%+	315/70R22.5	
440PS	ZF 12AS2130 DD	2.85:1	77.0	1360	1310	33%+	315/70R22.5	
480PS	ZF 12AS2330 DD	2.85:1	77.0	1360	1310	33%+	315/70R22.5	

Clutch
 Single plate 430mm diameter, non asbestos

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

Braking System
 Type Electronic Brake System (EBS) with Anti-lock Braking System (ABS) and ASR traction control
 Features Vented disc brakes, 2 line trailer brake connections and pad wear indicators
 Parking Brake Spring brakes on rear axles

Gearbox
 MAN Tipmatic 12 speed automated gearbox
 Ratios
 Forward
 1 15.86 2 12.33 3 9.57
 4 7.44 5 5.87 6 4.57
 7 3.47 8 2.70 9 2.10
 10 1.63 11 1.29 12 1.00
 Reverse
 14.68

Suspension
 Steer Axle Parabolic Springs Hydraulic Dampers Stabiliser
 Drive Axle ECAS Controlled 4 Bag Air Hydraulic Dampers Stabiliser
 Rearlift Axle 2 Bag Air Hydraulic Dampers Air Operated Lift Stabiliser

Steering Gear
 Type ZF 8098 Servocom hydraulically assisted.

Manual Gearbox Options
 ZF 16 speed gearbox, with range change and splitter.

Wheels & Tyres
 Steer Axle Tyres 315/70R 22.5 steer tread
 Wheels 9.00x22.5
 Drive Axle Tyres 315/70R 22.5 drive tread
 Wheels 9.00x22.5
 Rearlift Axle Tyres 315/70R 22.5 steer tread
 Wheels 9.00x22.5
 Check suitability of 295/80R 22.5 tyres with Product Engineering

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

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

General Equipment
 Adjustable roof blade air management with cab side deflectors (sleeper models only)
 Sliding fifth wheel and base plate
 3 piece plastic rear wings and spray reduction mats
 Catwalk
 Hoses and couplings including ABS lead
 Coupling lamp

Fuel Tank
 Capacity 480 Litre
 Section Rectangular Aluminium with Integral Step
 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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