



TGX 4x2 Tractor

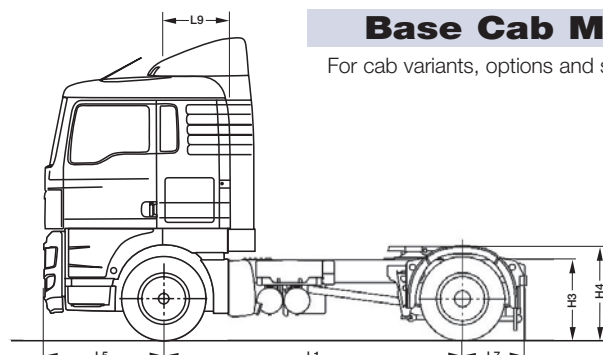
Chassis Specification: TGX 18.400 4x2 BLS
 TGX 18.440 4x2 BLS
 TGX 18.480 4x2 BLS



MAN EGR: Add Nothing!

TGX 18.400 4x2 BLS Tractor TGX 18.440 4x2 BLS Tractor TGX 18.480 4x2 BLS Tractor

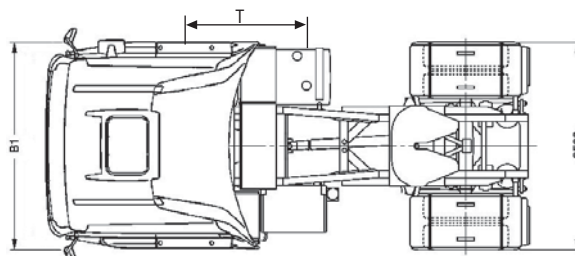
Chassis Specification



Base Cab Model

TGX 'XL' Cab

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



Vehicle Dimensions (mm)

Dimension	Base Cab Model	TGX 'XL' Cab
L1 Wheelbase	3600	3900
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 Frame height at centre rear wheels - laden	926	926
- unladen	956	956
H4 Standard 5th wheel height - laden	1211	1211
- unladen	1241	1241
T Centre of front axle to centre of fuel tank	1335	1335

Turning Circle

Turning Circle	Base Cab Model	TGX 'XL' Cab
WTW Wall to Wall	14800	15700
KTK Kerb to Kerb	13100	14000
Optimum 5th wheel position for standard specification	585	885

Unladen Weights (kg +/- 2.5%)

Weight Component	Base Cab Model	TGX 'XL' Cab
Front axle	4755	4745
Rear axle	1805	1830
Total	6560	6575

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	44000	40000
GVW Gross Vehicle Weight	18000	18000
Front axle	7500	7500
Rear axle	11500	11500

N.B. Tyre changes can effect legal weights.

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
D26 Engine in lieu of D20 engine	+25	0	+25	3 piece steel bumper	+88	-24	+64
Sliding 5th wheel	-10	+59	+49	'XLX' Sleeper cab	+20	0	+20
16 Speed manual gearbox	+45	+20	+65	'XXL' Sleeper cab	+70	0	+70
ZF PTO NH/4	+4	+3	+7	Lead up ramps	-3	+29	+26
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	ADR Preparation	+40	0	+40
225 Ah Batteries	+30	0	+30	Components weights are provided as a guide and may vary depending on 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 			
	Power	Torque	

Performance							@40000 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

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				

Manual Gearbox Options

ZF 16 speed gearbox, with range change and splitter.

Frame

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

Fuel Tank

Capacity	480 Litre
Section	Rectangular Aluminium with Integral Step RHS mounted Locking cap

Axles

Steer	VOK-08 drop beam
Drive	HY-1350 single reduction

Suspension

Steer Axle	Parabolic Springs with Shock Absorbers and Stabiliser
Drive Axle	4 Bellow air suspension with shock absorbers. 4 point control arm

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

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) and ASR traction control
Features	Vented disc brakes, 2 line trailer brake connections and pad wear indicators
Parking Brake	Spring brakes on rear axle

Steering Gear

Type	ZF 8098 Servocom hydraulically assisted.
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Exhaust System

Ground discharge silencer. Incorporating MAN PM-KAT® Technology

General Equipment

Adjustable roof blade air management with cab side deflectors (sleeper models only)

Fixed fifth wheel and base plate

3 piece plastic rear wings and spray reduction mats

Catwalk

Hoses and couplings including ABS lead

Coupling lamp

MAN ERF UK Ltd.,
Frankland Road, Blagrove,
Swindon. Wiltshire SN5 8YU
www.man-mn.co.uk

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