

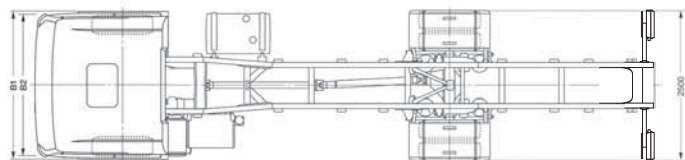
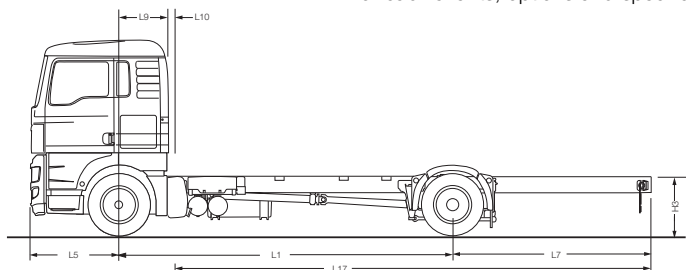
TGX 18.360 4x2 BL Drawbar TGX 18.400 4x2 BL Drawbar TGX 18.440 4x2 BL Drawbar

Chassis Specification

Base Cab Model

TGX 'XL' Cab

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



Vehicle Dimensions (mm)

		4800	5100	5500	5900	6300	6700
L1	Wheelbase	4800	5100	5500	5900	6300	6700
L5	Front overhang	1475	1475	1475	1475	1475	1475
L7	Rear overhang	2500	2900	3200	3400	3700	3400
L9	Centre line front axle to back of cab	805	805	805	805	805	805
L10	Back of cab to foremost body/equip. position	80	80	80	80	80	80
L17	Min. recommended body length	5538	6005	6623	7237	7850	8471
		ft.ins	18'2"	19'8"	21'8"	23'8"	27'9"
	Max. recommended body length	6435	6963	7662	8356	9052	9640
		ft.ins	21'1"	22'10"	25'1"	27'4"	29'8"
B1	Width across wings	2500	2500	2500	2500	2500	2500
B2	Cab width over doors	2240	2240	2240	2240	2240	2240
H3	Frame height at centre rear wheels						
	- laden	938	938	938	938	938	938
	- unladen	968	968	968	968	968	968

Other wheelbases available: 3,600, 3,900, 4,200, 4,500 - Contact MAN Product Engineering, Swindon for further information
Recommended body length only applicable to bodies with UDL, without auxiliary equipment and vehicle to base specification

Turning Circle

WTW	Wall to Wall	18500	19500	20700	22000	23200	24500
KTK	Kerb to Kerb	16800	17800	19000	20300	21500	22800

Unladen Weights (kg +/- 2.5%)

Front axle	4870	4895	4915	4930	4945	4960
Rear axle	2355	2390	2420	2455	2490	2510
Total	7225	7285	7335	7385	7435	7470

N.B. Unladen weights are for vehicle in standard specification with full tank of fuel, AdBlue and without driver.

Plated/Operating Weights (kg)

	Design	UK Legal
GTW Gross Train Weight	44000	40000
GVW Gross Vehicle Weight	19000	18000
Front axle	8000	7500
Rear axle	13000	11500

N.B. Tyre changes can effect legal weights.

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
16 Speed manual gearbox	+45	+20	+65	'XLX' Sleeper cab	+40	0	+40
ZF PTO NH/4	+5	+2	+7	'XXL' Sleeper cab	+85	0	+85
Alloy Air Tanks	-11	-4	-15	Adjustable cab roof spoiler	+40	0	+40
Front Air Suspension	+95	0	+95	ADR Preparation	+40	0	+40
9.00 x 22.5 Alcoa Alloy Wheels	-38	-76	-114				
225 Ah Batteries	+30	0	+30				

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

TGX 18.360 4x2 BL Drawbar TGX 18.400 4x2 BL Drawbar TGX 18.440 4x2 BL Drawbar

Chassis Specification



Engine Model

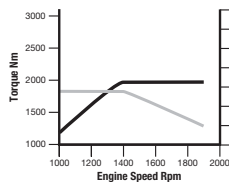
D20, 6 Cylinder in-line, 10.5 litre (Euro 5)

Features

- Selective Catalytic Reduction (SCR)
- Common Rail EDC
- Cruise Control
- Exhaust valve brake
- Road speed limiter set not to exceed 56mph (90kph)
- On-board diagnostics with NO_x control

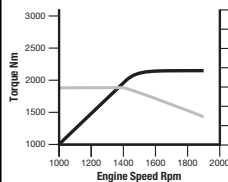
D2066 SCR 360PS

360PS @ 1900 rpm
1800 Nm @ 1000 - 1400 rpm



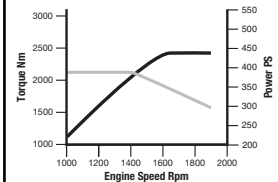
D2066 SCR 400PS

400PS @ 1900 rpm
1900 Nm @ 1000 - 1400 rpm



D2066 SCR 440PS

440PS @ 1900 rpm
2100 Nm @ 1000 - 1400 rpm



Power

Torque

Performance

@40000 kg

Engine Power	Gearbox	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
360PS	12AS2130 DD	3.08:1	71.1	1470	1335	33%+	315/70R22.5
400PS	12AS2130 DD	2.85:1	76.9	1360	1236	33%+	315/70R22.5
440PS	12AS2130 DD	2.85:1	76.9	1360	1236	33%+	315/70R22.5

Clutch

Single plate 430mm diameter, non asbestos

Axles

Steer Axle VOK-09 drop beam
Drive Axle HY-1350 single reduction

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

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 with shock absorbers and stabiliser

Drive Axle ECAS Controlled
4 Bag Air
Hydraulic Dampers
4-Point Control Arm

Steering Gear

Type ZF 8098 Servocom hydraulically assisted.

Manual Gearbox Options

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 traction tread
Wheels 9.00x22.5

Exhaust System

Ground discharge silencer.

Frame

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

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

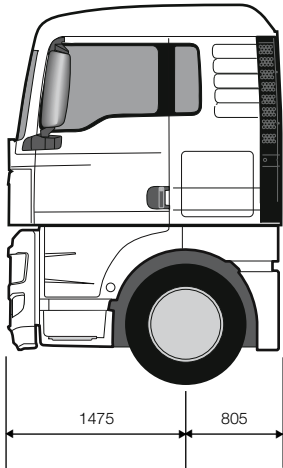
General Equipment

Chassis side guards
3 piece plastic rear wings and spray reduction mats
Rear axle diff lock
35 litre AdBlue fuel tank

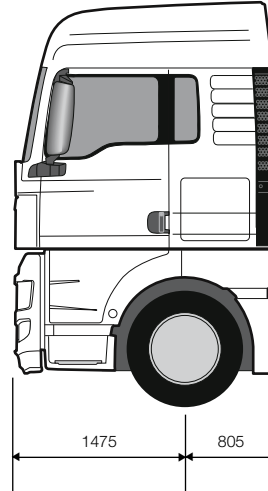
Fuel Tank

Capacity 400 Litre
Section Rectangular Steel
RHS mounted
Locking cap

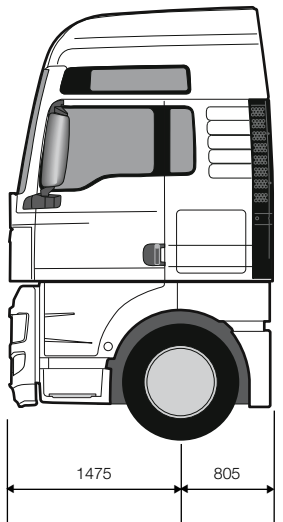
TGX 18.360 4x2 BL Drawbar
TGX 18.400 4x2 BL Drawbar
TGX 18.440 4x2 BL Drawbar
Cab Options



'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.man-mn.co.uk

A member of the MAN Group.

