



## **TGX 4x2 Drawbar**

**Chassis Specification:** TGX 18.360 4x2 BL  
EURO 5 TGX 18.400 4x2 BL  
TGX 18.440 4x2 BL

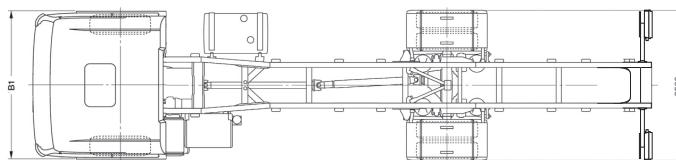
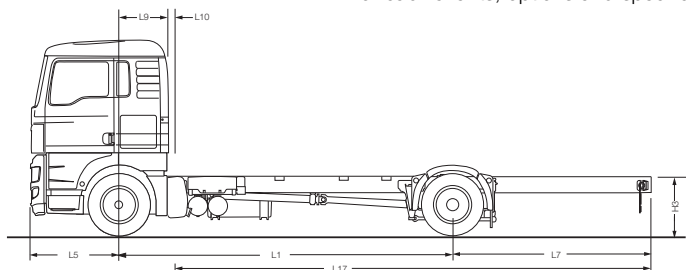
# TGX 18.360 4x2 BL Drawbar TGX 18.400 4x2 BL Drawbar TGX 18.440 4x2 BL Drawbar

## 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
<b>L1</b>	<b>Wheelbase</b>	<b>4800</b>	<b>5100</b>	<b>5500</b>	<b>5900</b>	<b>6300</b>	<b>6700</b>
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	mm	5538	6005	6623	7237	7850
		ft.ins	18'2"	19'8"	21'8"	23'8"	25'9"
	Max. recommended body length	mm	6435	6963	7662	8356	9052
		ft.ins	21'1"	22'10"	25'1"	27'4"	29'8"
B1	Width across wings	2490	2490	2490	2490	2490	2490
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	18900	19900	21100	22400	23700	24900
KTK	Kerb to Kerb	17000	18000	19300	20500	21800	23100

### 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

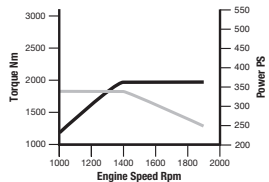
D20, 6 Cylinder in-line, 10.5 litre (Euro 5)

#### Features

- Selective Catalytic Reduction (SCR)
- Common Rail EDC
- Cruise Control
- Exhaust valve brake
- Road speed limiter set not to exceed 89kph
- On-board diagnostics with NO<sub>x</sub> control

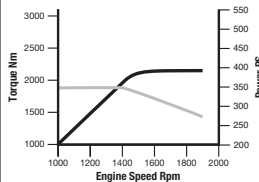
#### D2066 SCR 360PS

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



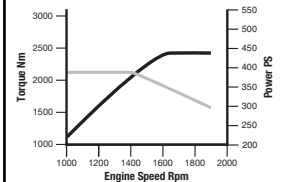
#### D2066 SCR 400PS

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	1470	1335	33%+	315/70R22.5
400PS	12AS2130 DD	2.85:1	77	1360	1235	33%+	315/70R22.5
440PS	12AS2130 DD	2.85:1	77	1360	1235	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

### Manual Gearbox Options

16 speed gearbox, with range change and splitter

### 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.

### Frame

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

### 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.

### Fuel Tank

Capacity 400 Litre  
Section Rectangular Steel  
RHS mounted  
Locking cap

### Electrical System

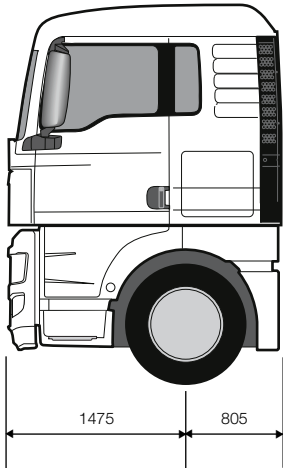
Type MANTronic CAN bus system with central on board computer and vehicle management computer

Voltage 24v  
Alternator 120 Amp  
Batteries 2 x 12v 175Ah

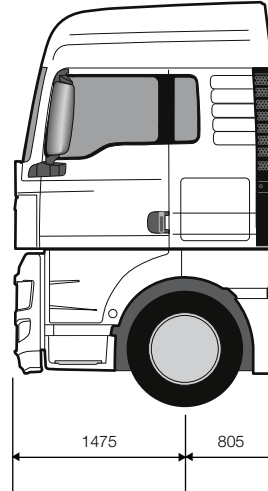
### General Equipment

Chassis side guards  
3 piece plastic rear wings and spray reduction mats  
Rear axle diff lock  
35 litre AdBlue fuel tank  
Remote control central locking  
Heated Separ water trap  
Telemetry interface module

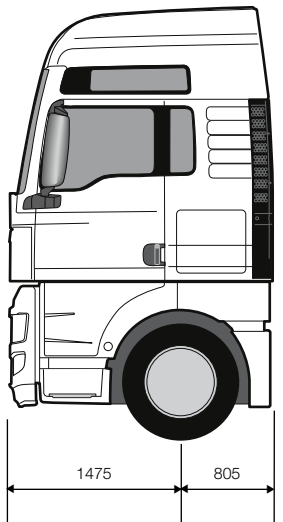
**TGX 18.360 4x2 BL Drawbar**  
**TGX 18.400 4x2 BL Drawbar**  
**TGX 18.440 4x2 BL Drawbar**  
Cab Options



'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.mantruckandbus.co.uk](http://www.mantruckandbus.co.uk)

