



TGX 6x4 Rigid

Chassis Specification:
EURO 5

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

TGX 26.400 6x4 BB Rigid

TGX 26.440 6x4 BB Rigid

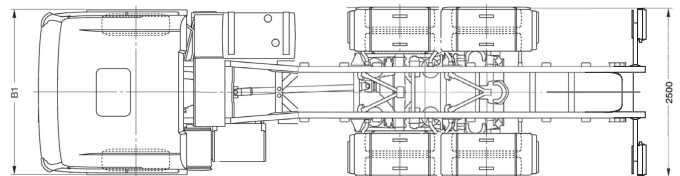
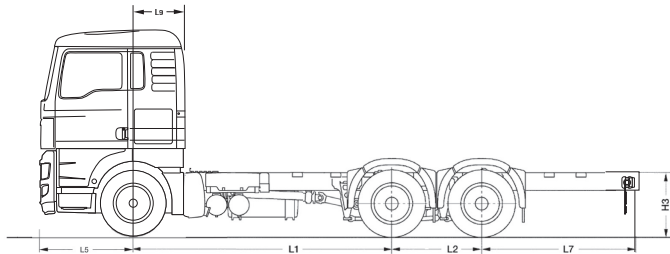
TGX 26.480 6x4 BB Rigid

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	5100
L2	Rear bogie spread		1400/1350*	1400/1350*	1400/1350*	1400/1350*	1400/1350*
L5	Front overhang		1475	1475	1475	1475	1475
L7	Rear overhang		2050/2100*	2200/2250*	2500/2550*	2600/2650*	2750/2800*
L9	Centre line front axle to back of cab		805	805	805	805	805
L17	Min. recommended body length	mm	6030	6545	7065	7580	8095
		ft.ins	19'9"	21'5"	23'2"	24'10"	26'6"
	Max. recommended body length	mm	6300	6835	7370	7905	8445
		ft.ins	20'8"	22'5"	24'2"	25'11"	27'8"
B1	Width across wings		2490	2490	2490	2490	2490
H3	Frame height at centre rear wheels	- laden	957	957	957	957	957
		- unladen	1027/987*	1027/987*	1027/987*	1027/987*	1027/987*

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	18300	19200	20200	21100	22000
KTK	Kerb to Kerb	16500	17400	18300	19200	20200

Unladen Weights (kg +/- 2.5%)

Front axle	4850	4870	4885	4900	4915
Rear bogie	4165	4170	4185	4190	4205
Total	9015	9040	9070	9090	9120

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	40000/44000 ⁽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	+40	0	+40
ZF PTO NH/4	+5	+2	+7	'XXL' Sleeper cab	+85	0	+85
Alloy air tanks	-9	-6	-15	Adjustable cab roof spoiler	+40	0	+40
3 Piece Steel Bumper	+80	-14	+64	All weights indicated above are subject to +/- 2.5% manufacturer's tolerance.			
225 Ah Batteries	+30	0	+30				

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Chassis Specification

Engine Model	D2066SCR 400 PS	D2066SCR 440 PS	D2676SCR 480 PS
D20, 6 Cylinder in-line, 10.5 litre, (Euro 5) D26, 6 Cylinder in-line, 12.4 litre, (Euro 5)	400PS @ 1900 rpm 1900 Nm @ 1000 - 1400 rpm	440PS @ 1900 rpm 2100 Nm @ 1000 - 1400 rpm	480PS @ 1900 rpm 2300 Nm @ 1050 - 1400 rpm
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_x control			
	Power	Torque	

Performance							@44000 kg
Engine Power	Gearbox	Axle Ratio	Gear Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
400PS	16S222 DD	3.08:1	73	1427	1297	33%+	295/80R22.5
440PS	16S222 DD	3.08:1	73	1427	1297	33%+	295/80R22.5
480PS	16S232 DD	3.08:1	73	1427	1297	33%+	295/80R22.5

Clutch
Single dry plate 430mm diameter, non asbestos

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

Reverse
L 15.36 H 12.92

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

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

Axles
Steer Axle VOK-09 dropped beam
Drive Axles HDY-1370/HY-1350 single reduction drive axles with cross axle and inter axle diff locks

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

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

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

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

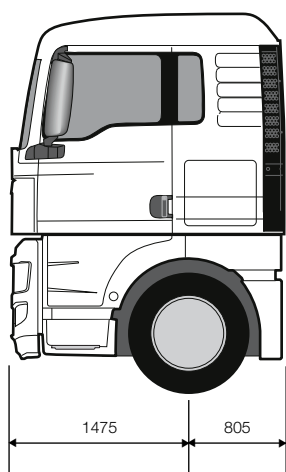
Steering Gear
Type ZF 8098 Servocom hydraulically assisted

Exhaust System
Ground discharge silencer

General Equipment
Chassis side guards
3 piece plastic rear wings and spray reduction mats
35 litre AdBlue tank
Remote control central locking
Heated Separ water trap
Telemetry interface module

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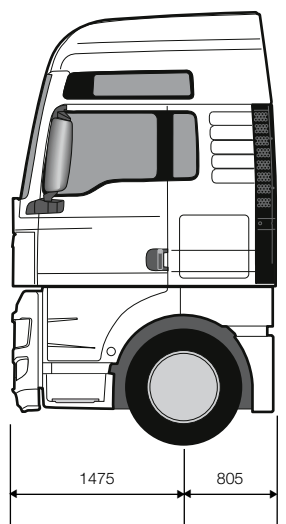
Cab Options



'XL' Sleeper - Standard
Additional weight: 0 kg



'XLX' Sleeper
Additional Weight: 40 kg



'XXL' Sleeper
Additional Weight: 85 kg

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