



TGS 6x2 Drawbar

Chassis Specification: TGS 26.360 6x2-2 BL
EURO 5 TGS 26.400 6x2-2 BL
TGS 26.440 6x2-2 BL

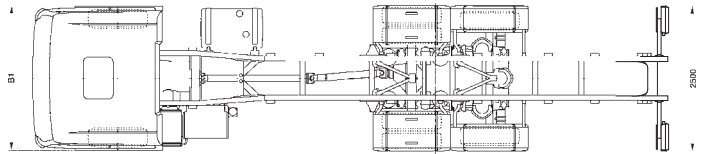
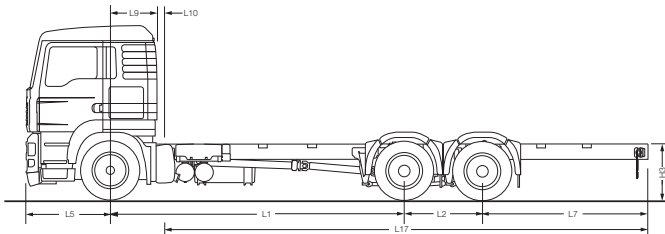
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Chassis Specification

Base Cab Model

TGS 'L' Cab

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



Vehicle Dimensions (mm)

		4200	4500	4800	5100	5500	5900	
L1	Wheelbase	4200	4500	4800	5100	5500	5900	
L2	Rear bogie spread	1350	1350	1350	1350	1350	1350	
L5	Front overhang	1475	1475	1475	1475	1475	1475	
L7	Rear overhang	2150	2400	2600	2800	3100	2900	
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	6260	6780	7295	7811	8497	9184
		ft.ins	20'6"	22'2"	23'11"	25'7"	27'10"	30'1"
	Max. recommended body length	mm	6527	7064	7597	8130	8840	9551
		ft.ins	21'4"	23'2"	24'11"	26'8"	29'0"	31'4"
B1	Width across wings	2500	2500	2500	2500	2500	2500	
H3	Frame height at centre rear wheels	- laden	938	938	938	938	938	938
		- unladen	968	968	968	968	968	968

Other wheelbases available: 3,900 - 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

		18300	19200	20200	21100	22300	23600
WTW	Wall to Wall	18300	19200	20200	21100	22300	23600
KTK	Kerb to Kerb	16600	17500	18400	19400	20600	21900

Unladen Weights (kg +/- 2.5%)

Front axle	4735	4760	4775	4790	4805	4820
Rear axle	3460	3470	3495	3520	3545	3570
Total	8195	8230	8270	8310	8350	8390

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 ⁽¹⁾ /44000 ⁽²⁾
GVW Gross Vehicle Weight	26000	26000 ⁽¹⁾ /24900 ⁽²⁾
Front axle	8000/9000 ⁽³⁾	7500/9000 ⁽³⁾
Drive axle	11500	11500 ⁽¹⁾ /10500 ⁽²⁾
Rearlift axle	7500	7500 ⁽¹⁾ /6900 ⁽²⁾

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

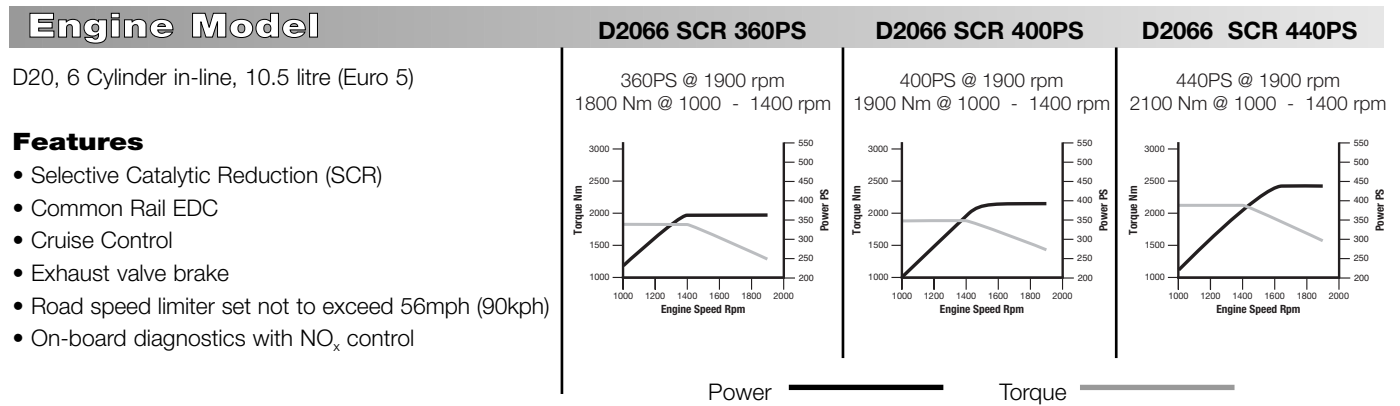
⁽³⁾ With 9000 kg springs, 385/65R 22.5 tyres and data conversion file.

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
Rear steer with lift facility	+15	+75	+90	9000 kg Parabolic front spring	+40	0	+40
16 Speed manual gearbox	+45	+20	+65	Air Conditioning	+40	0	+40
ZF PTO NH/4	+4	+3	+7	385/65R Super Single Tyres on			
Alloy Air Tanks	-10	-5	-15	11.75x22.5 steel rims on front	+38	0	+38
Front Air Suspension	+95	0	+95	'M' Day cab	-155	0	-155
9.00 x 22.5 Alcoa Alloy Wheels	-38	-114	-152	'LX' Sleeper cab	+20	0	+20
Door extensions	+12	0	+12	Adjustable cab roof spoiler	+40	0	+40
Windows in rear cab wall	+8	0	+8	ADR Preparation	+40	0	+40
225 Ah Batteries	+30	0	+30	All weights indicated above are subject to +/- 2.5% manufacturer's tolerance.			

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Chassis Specification



Performance							@44000 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	3.08:1	71.1	1470	1335	33%+	315/70R22.5
440PS	12AS2130 DD	2.85:1	77.0	1360	1236	33%+	315/70R22.5

Clutch

Single dry 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 Option

Direct drive, 16 speed gearbox, with range change and splitter.

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

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

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

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 axles

Steering Gear

Type	ZF 8098 Servocom hydraulically assisted.
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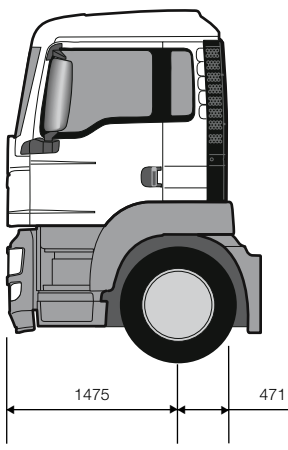
Exhaust System

Ground discharge silencer.

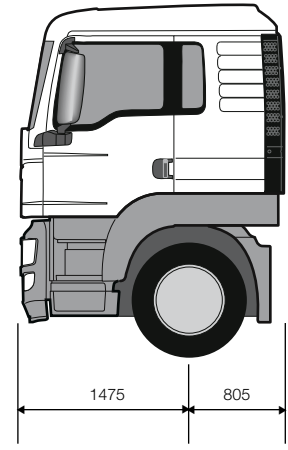
General Equipment

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

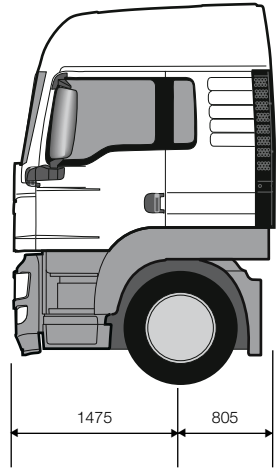
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Cab Options



'M' Day Cab
Additional weight: -155 kg



'L' Sleeper - Standard
Additional Weight: 0 kg



'LX' Sleeper
Additional Weight: 20 kg

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