



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

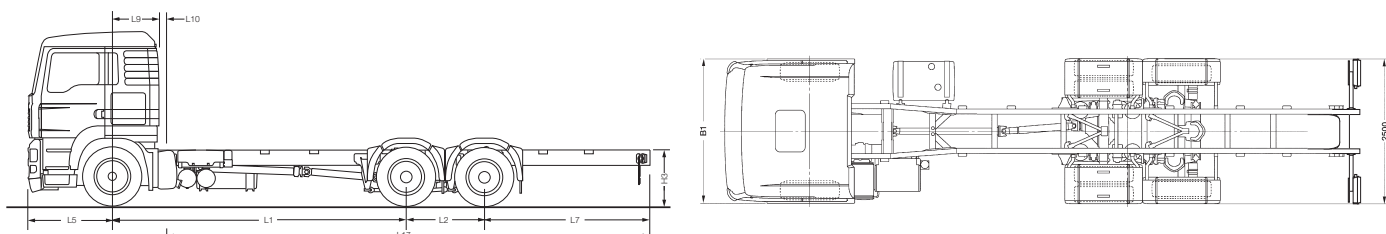
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Chassis Specification

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	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: 3,900 - 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

		18400	19300	20300	21200	22400	23700
WTW	Wall to Wall	18400	19300	20300	21200	22400	23700
KTK	Kerb to Kerb	16600	17500	18400	19400	20600	21900

Unladen Weights (kg +/- 2.5%)

Front axle	4705	4730	4745	4760	4775	4790
Rear axle	3425	3435	3460	3485	3510	3535
Total	8130	8165	8205	8245	8285	8325

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.

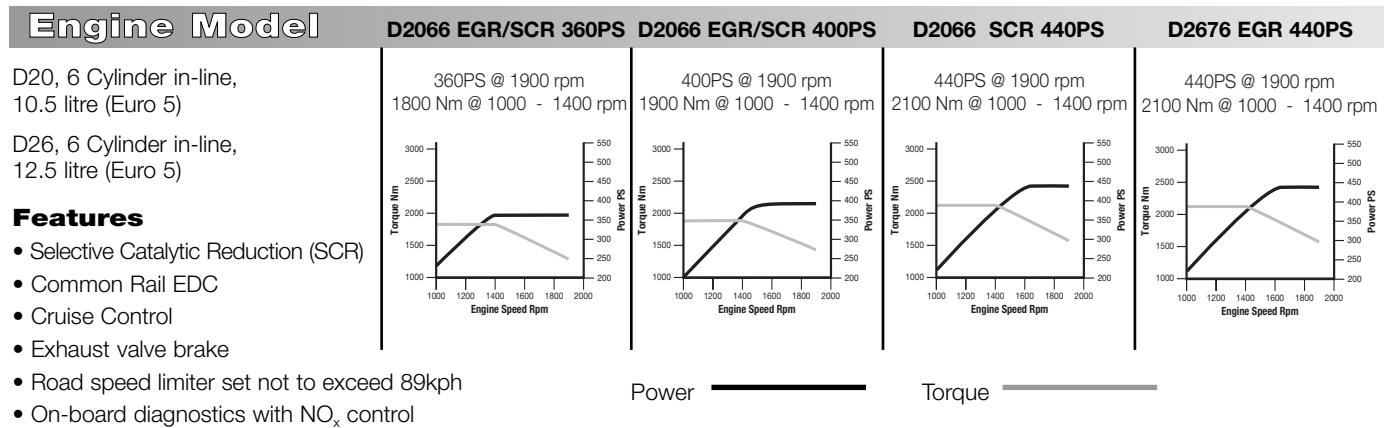
Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
D20 SCR Engine in lieu of D20 EGR Engine	+32	+33	+65	9000 kg Parabolic front spring	+40	0	+40
D26 EGR Engine in lieu of D20 EGR Engine	+25	+0	+25	Air Conditioning	+40	0	+40
Rear steer with lift facility (SCR models only)	+15	+75	+90	385/65R Super Single Tyres on			
16 Speed manual gearbox	+45	+20	+65	11.75x22.5 steel rims on front	+38	0	+38
ZF PTO NH/4	+4	+3	+7	'M' Day cab	-155	0	-155
Alloy Air Tanks	-10	-5	-15	'LX' Sleeper cab	+20	0	+20
Front Air Suspension (SCR models only)	+95	0	+95	Adjustable cab roof spoiler	+40	0	+40
9.00 x 22.5 Alcoa Alloy Wheels	-38	-114	-152	ADR Preparation	+40	0	+40
Door extensions	+12	0	+12	All weights indicated above are subject to +/- 2.5% manufacturer's			
Windows in rear cab wall	+8	0	+8	tolerance.			
225 Ah Batteries	+30	0	+30				

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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	1470	1335	33%+	315/70R22.5
400PS	12AS2130 DD	3.08:1	71	1470	1335	33%+	315/70R22.5
440PS	12AS2130 DD	2.85:1	77	1360	1235	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	120 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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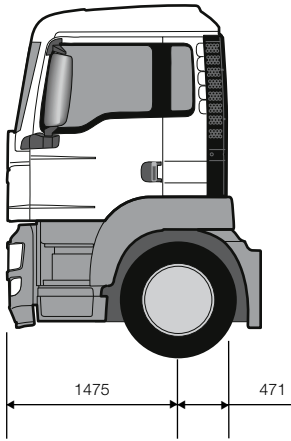
Exhaust System

Ground discharge silencer.

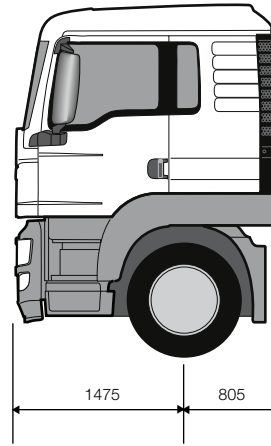
General Equipment

Chassis side guards
3 piece plastic rear wings and spray reduction mats
Rear axle diff lock
35 litre AdBlue tank (SCR models only)
Heated Separ water trap
Telemetry interface module

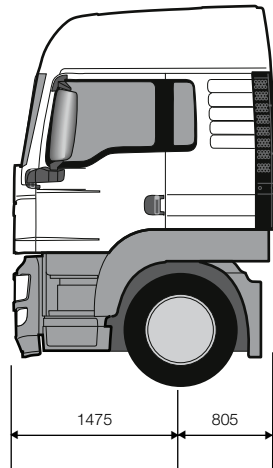
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Cab Options



'M' Day Cab
Additional weight: -155 kg



'L' Sleeper - Standard
Additional Weight: 0 kg



'LX' Sleeper
Additional Weight: 20 kg

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