



## **TGS 6x4 Rigid**

**Chassis Specification:**  
EURO 5

TGS 26.360 6x4 BB  
TGS 26.400 6x4 BB  
TGS 26.440 6x4 BB

# TGS 26.360 6x4 BB Rigid

# TGS 26.400 6x4 BB Rigid

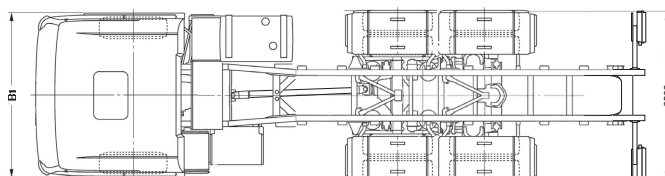
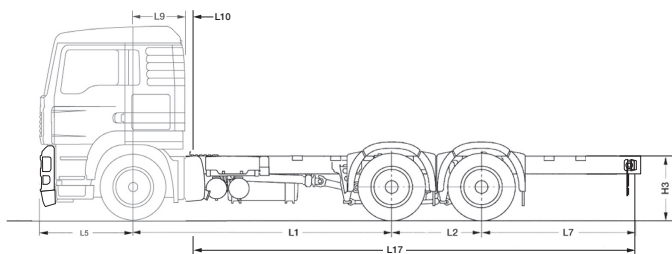
# TGS 26.440 6x4 BB Rigid

## Chassis Specification

### Base Cab Model

### TGS 'L' Cab

For cab variants, options and specifications see separate TGS 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	
L10 Back of cab to foremost body/equip. position		80	80	80	80	80	
L17 Min. recommended body length	mm	5976	6491	7003	7517	8031	
	ft.ins	19'7"	21'3"	22'11"	24'7"	26'4"	
	Max. recommended body length	mm	6247	67790	7309	7841	8734
		ft.ins	20'5"	22'2"	23'11"	25'8"	27'5"
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		18200	19100	20100	21000	21900
KTK Kerb to Kerb		16500	17400	18300	19200	20200

### Unladen Weights ((kg +/- 2.5%))

Front axle		4735	4755	4770	4785	4800
Rear bogie		4165	4170	4105	4190	4200
Total		8900	8925	8955	8975	9000

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 <sup>(2)</sup>
GVW Gross Vehicle Weight	26000	26000/25000 <sup>(2)</sup>
Front axle	8000	8000
Rear bogie	20000	19000 <sup>(1)</sup> /17000 <sup>(2)</sup>

N.B. Tyre changes can effect legal weights. <sup>(1)</sup> At 40000 kg or below on steel suspension. <sup>(2)</sup> Above 40000 kg on steel suspension.

### Optional Equipment & Weights ((kg))

	Front	Rear	Total		Front	Rear	Total
Rear bogie 8 bellow air suspension	0	-210	-210	Air conditioning	+40	0	+40
Tipmatic Automated Gearbox	-45	-20	-65	385/65R Super single tyres on			
ZF PTO NH/4	+5	+2	+7	11.75x22.5 steel rims on front	+38	0	+38
Alloy air tanks	-9	-6	-15	'M' Day cab	-155	0	-155
Door extensions	+12	0	+12	'LX' Sleeper cab	+20	0	+20
3 Piece Steel Bumper	+80	-14	+64	Adjustable cab roof spoiler	+40	0	+40
225 Ah Batteries	+30	0	+30	All weights indicated above are subject to +/- 2.5% manufacturer's tolerance.			

# TGS 26.360 6x4 BB Rigid TGS 26.400 6x4 BB Rigid TGS 26.440 6x4 BB Rigid

## Chassis Specification



### Engine Model

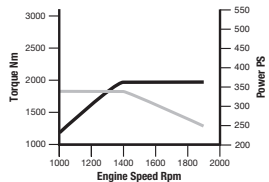
D20, 6 Cylinder in-line, 10.5 litre (Euro 5)

#### 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

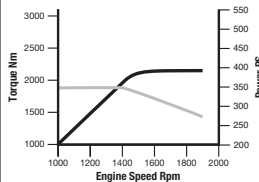
#### D2066 SCR 360PS

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



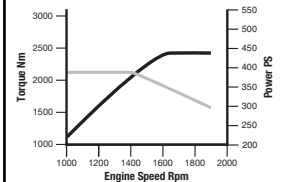
#### D2066 SCR 400PS

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



#### D2066 SCR 440PS

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



Power

Torque

### Performance

**@44000 kg**

Engine Power	Gearbox	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
360PS	16S222 DD	3.08:1	73	1427	1297	33%+	295/80R22.5
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

### Clutch

Single dry plate 430mm diameter, non asbestos

### Gearbox

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
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#### Automated Gearbox Option

MAN 12 speed Tipmatic

### 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	Veinted 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

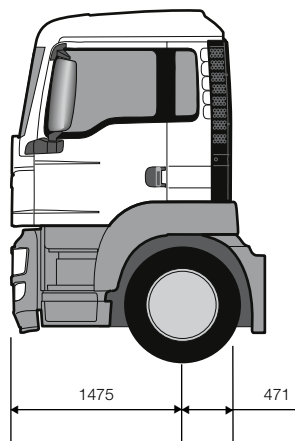
Ground discharge silencer.

### General Equipment

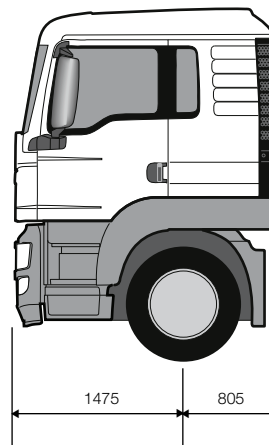
Chassis side guards.  
3 piece plastic rear wings and spray  
reduction mats.  
35 litre AdBlue tank  
Heated Separ water trap  
Telemetry interface module

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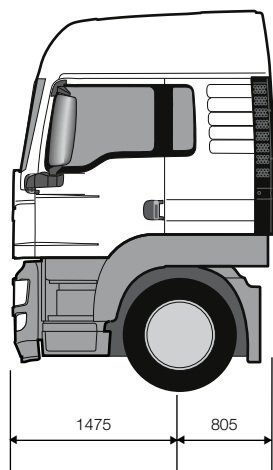
**Cab Options**



'M' Day Cab  
Additional weight: -155 kg



'L' Sleeper - Standard  
Additional Weight: 0 kg



'LX' Sleeper  
Additional Weight: 20 kg

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