



## **TGS 6x2 Midlift Tractor**

Chassis Specification: TGS 26.400 6x2/2 BLS  
EURO 5 TGS 26.440 6x2/2 BLS

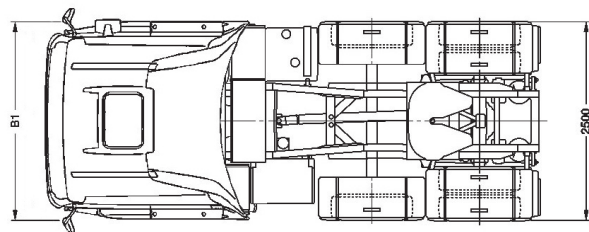
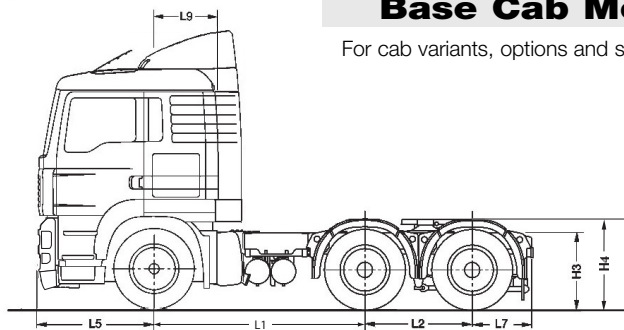
# TGS 26.400 6x2/2 BLS Midlift Tractor TGS 26.440 6x2/2 BLS Midlift Tractor

## Chassis Specification

### Base Cab Model

### TGS 'L' Cab

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



### Vehicle Dimensions (mm)

<b>L1</b>	<b>Wheelbase</b>	<b>2600</b>	
L2	Rear bogie spread	1350	
L5	Front overhang	1475	
L7	Rear overhang	800	
L9	Centre line front axle to back of cab	805	
B1	Width across wings	2490	
H3	Frame height at centre rear wheels	- laden - unladen	980 1010
H4	Standard 5th wheel height	- laden - unladen	1243 1273

### Turning Circle

WTW	Wall to Wall	14800
KTK	Kerb to Kerb	13100
	Optimum 5th wheel position for standard specification	935

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

Front axle	4995
Rear axle	3060
Total	8055

N.B. Unladen weights are for vehicle in standard specification with full tank of fuel and without driver.

### Plated/Operating Weights (kg)

	Design	UK Legal
GCW Gross Combination Weight	44000	40000 <sup>(1)</sup> /44000 <sup>(2)</sup>
GVW Gross Vehicle Weight	26000	23700
Front axle	8000	7100
Midlift axle	7100	7100 <sup>(1)</sup> /6500 <sup>(2)</sup>
Drive axle	11500	11500 <sup>(1)</sup> /10500 <sup>(2)</sup>

N.B. Tyre changes can effect legal weights. <sup>(1)</sup>@ 40000 kg or below <sup>(2)</sup>above 40000 kg.

### Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
D20 EGR Engine in lieu of D26 EGR engine	-25	0	-25	225 Ah Batteries	+30	0	+30
Fixed 5th wheel	+14	-63	-49	Door extensions	+12	0	+12
16 Speed manual gearbox	+35	+30	+65	Air Conditioning	+40	0	+40
ZF PTO NH/4	+4	+3	+7	385/65R Super Single Tyres on 11.75x22.5 steel rims on front	+38	0	+38
Alloy Air Tanks	-4	-11	-15	'M' Day cab	-225	0	-225
Windows in rear cab wall	+1	0	+1	'LX' Sleeper cab	+20	0	+20
9.00 x 22.5 Alcoa Alloy Wheels	-38	-114	-152	Lead up ramps	-7	+33	+26
3 piece steel bumper	+89	-25	+64	ADR Preparation	+40	0	+40

All weights indicated above are subject to +/- 2.5% manufacturer's tolerance.

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## Chassis Specification



### Engine Model

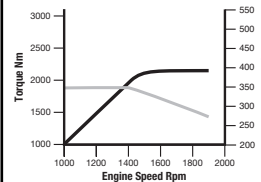
D20, 6 Cylinder in-line, 10.5 litre (Euro 5)

#### Features

- Exhaust Gas Recirculation (EGR)
- Common Rail EDC
- Cruise Control
- Exhaust valve brake
- Road speed limiter set not to exceed 56mph (90kph)
- On-board diagnostics with NO<sub>x</sub> control

### D2066 EGR 400PS

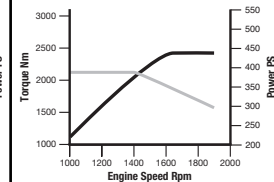
400PS @ 1900 rpm  
1900 Nm @ 1000 - 1400 rpm



Power

### D2676 EGR 440PS

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



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
400PS	12AS2130 DD	3.08:1	73	1427	1297	33%+	295/80R22.5
440PS	12AS2130 DD	2.85:1	79	1320	1200	33%+	295/80R22.5

### Clutch

Single 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 Options

16 speed gearbox, with range change and splitter.

### Frame

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

### Fuel Tank

Capacity	450 Litre
Section	Rectangular Aluminium with Integral Step RHS mounted Locking cap

### Axles

Steer	VOK-09 drop beam
Midlift Axle	LO-08 non steering
Drive Axle	HY-1350 single reduction

### Suspension

Steer Axle	Parabolic Springs Hydraulic Dampers Stabiliser
Midlift Axle	2 Bag Air Hydraulic Dampers Air Operated Lift
Drive Axle	ECAS Controlled 4 Bag Air Hydraulic Dampers Stabiliser

### Wheels & Tyres

Steer Axle	Tyres	295/80R 22.5 steer tread
	Wheels	9.00x22.5
Midlift Axle	Tyres	295/80R 22.5 steer tread
	Wheels	9.00x22.5
Drive Axle	Tyres	295/80R 22.5 drive 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

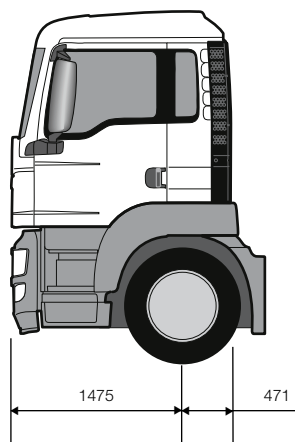
Ground discharge silencer

### General Equipment

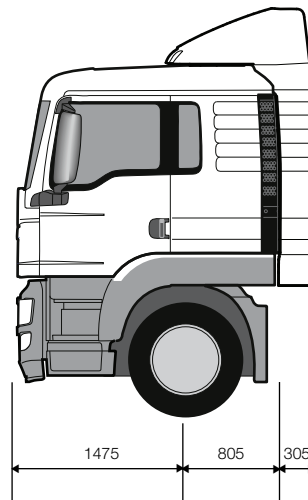
- Adjustable roof blade air management with cab side deflectors (sleeper models only)
- Sliding fifth wheel
- 3 piece plastic rear wings and spray reduction mats
- Catwalk
- Hoses and couplings including ABS lead
- Coupling lamp
- Rear axle diff lock
- Heated Separ water trap
- Telemetry interface module

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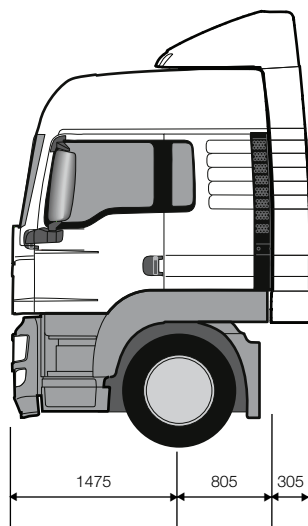
## Cab Options



'M' Day Cab  
Additional weight: -225 kg



'L' Sleeper - Standard  
Additional Weight: 0 kg



'LX' Sleeper  
Additional Weight: 20 kg

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