



TGS 6x4 Tractor

Chassis Specification: TGS 26.400 6x4 BBS
EURO 5 TGS 26.440 6x4 BBS

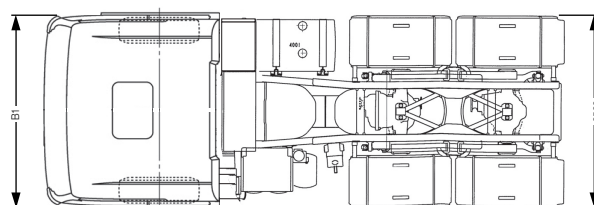
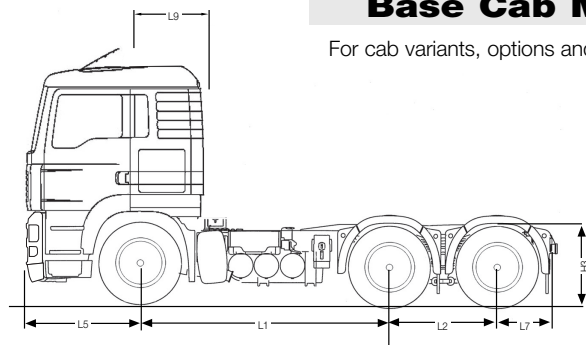
TGS 26.400 6x4 BBS Tractor TGS 26.440 6x4 BBS Tractor

Chassis Specification

Base Cab Model

TGS 'L' Cab

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



Vehicle Dimensions (mm)

		3200	3600	3900
L1	Wheelbase	3200	3600	3900
L2	Rear bogie spread	1400/1350*	1400/1350*	1400/1350*
L5	Front overhang	1475	1475	1475
L7	Rear overhang	700/750*	700/750*	700/750*
L9	Centre line front axle to back of cab	805	805	805
B1	Width across wings	2490	2490	2490
H3	Frame height at centre rear wheels	1037	1037	1037
	- laden			
	- unladen	1157/1067*	1157/1067*	1157/1067*

Turning Circle

WTW	Wall to Wall	16100	17300	18200
KTK	Kerb to Kerb	14400	15600	16500
	Optimum 5th wheel position for standard specification	1125	1175	1225

* Dimensions with rear bogie air suspension.

Unladen Weights (kg +/- 2.5%)

Front axle	4970	4995	5010
Rear bogie	3870	3865	3865
Total	8840	8860	8875

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

Plated/Operating Weights (kg)

This model can operate up to 80000 kg in STGO Cat 2

	Design	UK Legal
GCW Gross Combination Weight	44000	40000/44000 ⁽²⁾
GVW Gross Vehicle Weight	26000	26000/25000 ⁽²⁾
Front axle	7500/9000 ⁽³⁾	7500/9000 ⁽³⁾
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.

⁽³⁾ With VOK-09 axle, 9000 kg springs and 385/65R 22.5 tyres.

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
Rear bogie 8 bellow air suspension	0	-210	-210	385/65R Super Single Tyres on			
HPD1353/HP1333 hub reduction drive axles*	0	+75	+75	11.75x22.5 steel rims on front	+38	0	+38
Tipmatic Automatic Gearbox	-40	-25	-65	'M' Day cab	-155	0	-155
ZF PTO NH/4	+4	+3	+7	'LX' Sleeper cab	+20	0	+20
Alloy Air Tanks	-5	-10	-15	Air management kit	+75	0	+75
3 Piece Steel Bumper	+86	-22	+64	Jost pressed fixed 5th wheel inc bed plate - 44 tonnes	+18	+168	+186
Air Conditioning	+40	0	+40	Jost pressed sliding 5th wheel assembly - 44 tonnes	+5	+230	+235
VOK-09 dropped beam front axle	+30	0	+30	All weights indicated above are subject to +/- 2.5% manufacturer's tolerance.			
9000 kg parabolic front spring	+14	0	+14				
225 Ah Batteries	+30	0	+30				

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Chassis Specification



Engine Model

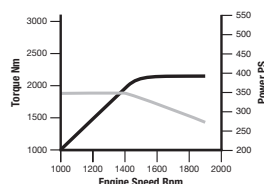
D20, 6 Cylinder in-line, 10.5 litre (Euro 5)

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_x control

D2066SCR 400 PS

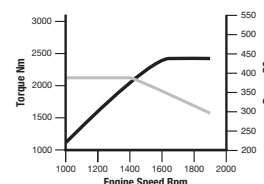
400PS @ 1900 rpm
1900 Nm @ 1000 - 1400 rpm



Power

D2066SCR 440 PS

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



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
400/440PS	16S222 DD	(HYD1370/HY1350) 3.08:1	73	1427	1297	33%+	295/80R22.5
400/440PS	16S252 OD	(HPD1353/HP1333) 3.63:1 4.33:1	74 62	1413 1685	1284 1532	33%+ 33%+	295/80R22.5 295/80R22.5

Clutch

Single plate 430mm diameter, non asbestos

Axles

Steer VOK-07 drop beam
Drive HYD-1370/HY-1350 single reduction drive axles with cross and inter axle differential locks

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

* Cam brakes on Hub Reduction axles

Gearbox

ZF Direct Drive 16 speed gearbox with range change and splitter (Overdrive with hub reduction axles)

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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Suspension

Steer Axle Parabolic Springs with Shock Absorbers and Stabiliser
Rear Bogie Parabolic Springs with Shock Absorbers and Stabiliser

Steering Gear

Type ZF 8098 Servocom hydraulically assisted.

Frame

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

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

Exhaust System

Ground discharge silencer.

Fuel Tank

Capacity 400 Litre
Section Rectangular Steel
RHS mounted
Locking cap

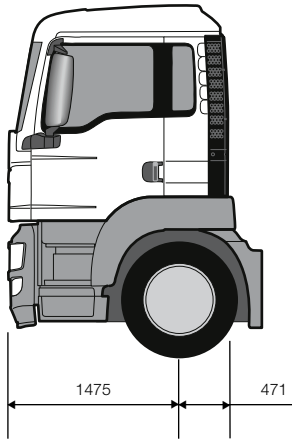
Electrical System

Type MANTronic CAN bus system with central on board computer and vehicle management computer
Voltage 24v
Alternator 120 Amp
Batteries 2 x 12v 175Ah

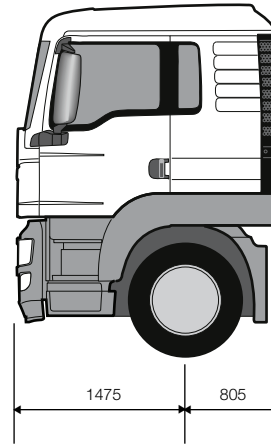
General Equipment

3 piece plastic rear wings and spray reduction mats
Catwalk & Step
Hoses and couplings including ABS lead
Coupling lamp
35 litre AdBlue tank
Heated Separ water trap
Telemetry interface module

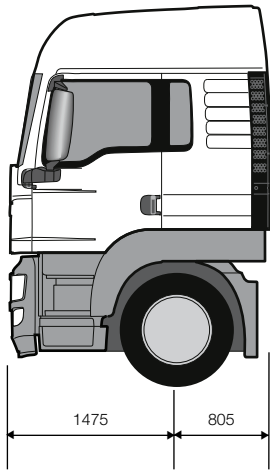
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Cab Options



'M' Day Cab
Additional weight: -155 kg



'L' Sleeper - Standard
Additional Weight: 0 kg



'LX' Sleeper
Additional Weight: 20 kg

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