

TGS 4X2 TRACTOR

Chassis Specification:

TGS 18.400 4x2 BL SA

TGS 18.430 4x2 BL SA

TGS 18.470 4x2 BL SA



TGS 4X2 TRACTOR

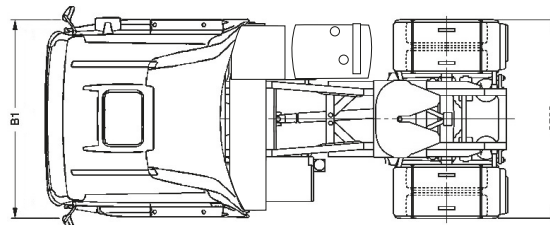
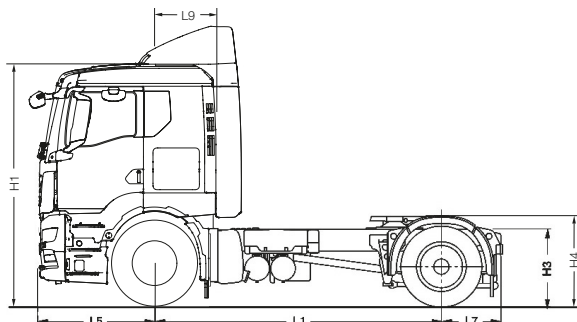
TGS 18.400 4x2 BL SA

TGS 18.430 4x2 BL SA

TGS 18.470 4x2 BL SA

Base Cab Model TGS 'TN' Cab

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



Vehicle Dimensions (mm)

		3600	3900
L1	Wheelbase	3600	3900
L5	Front overhang	1475	1475
L7	Rear overhang	800	800
L9	Centre line front axle to back of cab	805	805
B1	Width across rear tyres	2470	2470
B2	Cab width over wings	2499	2499
H1	Cab height		
	- laden	3046	3046
	- unladen	3112	3112
H3	Frame height at centre rear wheels		
	- laden	935	935
	- unladen	965	965
H4	Fifth wheel height		
	- laden	1223	1223
	- unladen	1253	1253

Turning Circle (m)

WTW	Wall to Wall	14.8	15.7
KTK	Kerb to Kerb	12.9	13.8
Optimum fifth wheel position forward of third axle		585	885

Unladen Weights (kg +/- 2.5%)

Front axle	4816	4855
Rear axle	2045	2026
Total	6861	6881

Unladen weights are for vehicle in standard specification with full tanks of fuel and AdBlue® and include driver.

Plated/Operating Weights (kg)

	Design	UK Legal
GTW	Gross Train Weight	40000
GVW	Gross Vehicle Weight	18000
Front axle ⁽¹⁾	7500	7500
Rear axle	11500	11500

Tyre changes can affect legal weights. (2) 8000 kg and 9000 kg front axle upgrade available.

Optional Equipment & Weights

D2676 Engine	+230	NN Cab	-235
16 Speed manual transmission	+69	TM Cab	+15
Air Conditioning	+30	Remove air management kit	-71
9000 kg capacity front axle	+119	NH/4c PTO	+6
9.00 x 22.5 Alloy Wheels	-85	Sliding fifth wheel	+57
ADR FL(AT) Equipment	+16	Steel front bumper	+64

All weights indicated above subject to +/- 2.5% manufacturer's tolerance. Changes to standard equipment will alter kerb weights.

Engine Model - Euro 6	D1556LF17	D2676LFAJ	D2676LFAI	Features
Engine Power (PS)	400	430	470	▪ Selective Catalytic Reduction
Rated Speed (rpm)	1800	1800	1800	▪ Cruise Control
Torque (Nm)	1800	2200	2400	▪ Exhaust brake
Torque Range (rpm)	1000 - 1500	930 - 1350	930 - 1350	▪ Road Speed Limiter (89 km/h)
Cylinders	6	6	6	▪ OBD-E
Capacity (cc)	9037	12419	12419	▪ Suitable for EN15940

Performance at 40000 kg

Engine Power	Gearbox	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
400PS	12.22 DD	2.53:1	82	1213	1090	33%+	315/70R22.5
430PS	12.26 DD	2.31:1	89	1107	995	33%+	315/70R22.5
470PS	12.26 DD	2.31:1	89	1107	995	33%+	315/70R22.5

Clutch

Single plate 430mm diameter, asbestos free lining

Gearbox

12 Speed Tipmatic® Automated

Ratios

1	16.69
2	12.92
3	9.93
4	7.67
5	5.90
6	4.57
7	3.66
8	2.83
9	2.17
10	1.68
11	1.29
12	1.00
R1	15.54
R2	12.03

Frame

Construction	Bolted and riveted
Material	S500MC
Section	270 x 85 x 8 mm
Frame width	942 - 762 mm waisted

Fuel Tank

Capacity	400 Litres
Section	Rectangular steel RHS mounted Locking cap

Axles

Steer	Drop beam
Drive	Single reduction

Suspension

Steer Axle	Single parabolic springs with shock absorbers and stabiliser
Drive Axle	Electronically controlled air suspension with shock absorbers and stabiliser

Rims & Tyres

Rims	Steel 9.00 x 22.5
Tyres	Steer 315/70R22.5 Drive 315/70R22.5

Electrical System

Type	CAN Bus system with central on-board computer
Voltage	24V
Alternator	110 AMP
Batteries	2 x 12v 230Ah

Steering

Type	Hydraulically assisted
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Braking System

Type	Electronic Brake System (EBS) with Anti-lock Braking System (ABS)
Features	Disc brakes, air dryer, asbestos free linings
Parking Brake	Spring brakes on rear axle

Exhaust System

Ground discharge silencer, incorporating Diesle Particulate Filter (DPF)

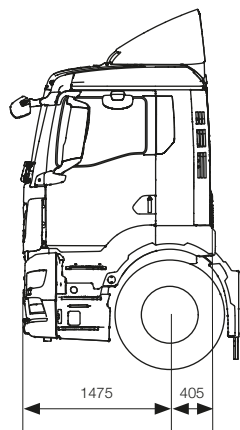
General Equipment

60 Litre AdBlue® tank
Electronic immobiliser
Fuel filter with water separator
Mechanical battery master switch
Audible reverse warning with night silent
Central locking doors
Electronically controlled and heated rear view mirrors
Air management kit
Catwalk and step
Fixed fifth wheel
Hoses and couplings including ABS lead
Coupling lamp
Lane Guard System (LGS)
Emergency Brake Assist (EBA)
Electronic Stability Programme (ESP)

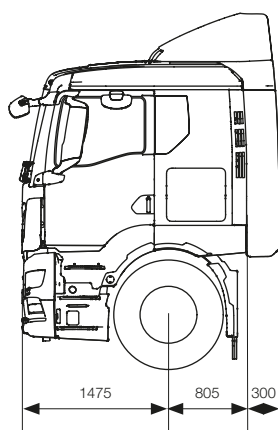
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Cab Options

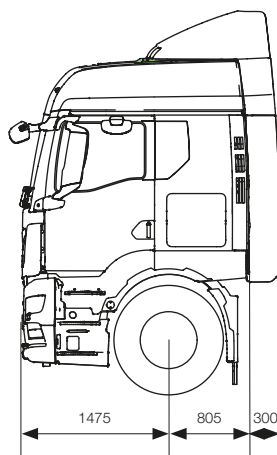
'NN' Cab



'TN' Cab



'TM' Cab



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