

TGS 4X2 RIGID

Chassis Specification:

TGS 18.360 4x2 BL CH

TGS 18.400 4x2 BL CH

TGS 18.430 4x2 BL CH

TGS 18.470 4x2 BL CH



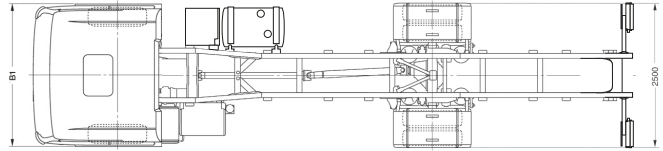
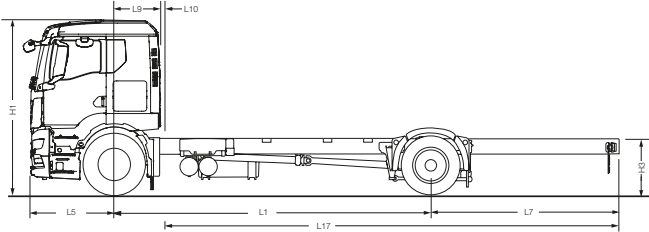
TGS 4X2 RIGID

TGS 18.360 4x2 BL CH TGS 18.430 4x2 BL CH

TGS 18.400 4x2 BL CH TGS 18.470 4x2 BL CH

Base Cab Model TGS 'TN' Cab

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



Vehicle Dimensions (mm)

		4200	4500	4800	5100	5500	5900	6300	6700	
L1	Wheelbase	4200	4500	4800	5100	5500	5900	6300	6700	
L5	Front overhang	1475	1475	1475	1475	1475	1475	1475	1475	
L7	Rear overhang	2150	2350	2500	2500	3200	3400	3700	3400	
L9	Centre line front axle to back of cab	805	805	805	805	805	805	805	805	
L10	Back of cab to start of body/equipment	60	60	60	60	60	60	60	60	
L17	Min. recommended body length	mm	4200	4632	5051	5498	6035	6644	7228	7817
		ft.ins.	13'9"	15'2"	16'7"	18'0"	19'10"	21'10"	23'9"	25'8"
	Max. recommended body length	mm	5485	5985	6435	6735	7835	8435	9135	9235
		ft.ins.	18'0"	19'8"	21'1"	22'1"	25'8"	27'8"	30'0"	30'4"
B1	Width across rear tyres	2470	2470	2470	2470	2470	2470	2470	2470	
B2	Cab width over wings	2499	2499	2499	2499	2499	2499	2499	2499	
H1	Cab height	- laden	3047	3047	3047	3047	3047	3047	3047	3047
		- unladen	3123	3123	3123	3123	3123	3123	3123	3123
H3	Frame height at centre rear wheels	- laden	950	950	950	950	950	950	950	950
		- unladen	980	980	980	980	980	980	980	980

Recommended body length only applicable to bodies with UDL, without auxiliary equipment and vehicle to base specification.

Turning Circle (m)

WTW	Wall to Wall	16.6	17.5	18.4	19.3	20.5	21.7	22.9	22.2
KTK	Kerb to Kerb	14.7	15.6	16.5	17.4	18.6	19.8	21.0	24.1

Unladen Weights (kg +/- 2.5%)

Front axle	4745	4762	4772	4809	4801	4874	4908	4931
Rear axle	2185	2190	2235	2240	2320	2358	2394	2396
Total	6930	6952	7007	7049	7121	7232	7302	7327

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	40000
GVW	Gross Vehicle Weight	18000	18000
	Front axle ⁽¹⁾	8000	8000
	Rear axle	11500	11500

Tyre changes can affect legal weights. (1) 9000 kg front axle upgrade available.

Optional Equipment & Weights

D2676 Engine	+230	NN Cab	-235
16 Speed manual transmission	+69	TN Cab	+15
Air Conditioning	+30	Steel Front Bumper	+14
9000 kg capacity front axle	+119	9.00 x 22.5 Alloy Wheels	-85
NH/4c PTO	+6		

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

Engine Model - Euro 6	D1556LF18	D1556LF17	D2676LFAJ	D2676LFAI	Features
Engine Power (PS)	360	400	430	470	<ul style="list-style-type: none"> ▪ Selective Catalytic Reduction ▪ Cruise Control ▪ Exhaust brake ▪ Road Speed Limiter (89 km/h) ▪ OBD-E ▪ Suitable for EN15940
Rated Speed (rpm)	1800	1800	1800	1800	
Torque (Nm)	1700	1800	2200	2400	
Torque Range (rpm)	1000 - 1400	1000 - 1500	930 - 1350	930 - 1350	
Cylinders	6	6	6	6	
Capacity (cc)	9037	9037	12419	12419	

Performance at 18000 kg

Engine Power	Gearbox	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
360PS	12.22 DD	2.53:1	82	1213	1090	33%+	315/70R22.5
400PS	12.22 DD	2.53:1	82	1213	1090	33%+	315/70R22.5
430PS	12.26 DD	2.53:1	82	1213	1090	33%+	315/70R22.5
470PS	12.26 DD	2.53:1	82	1213	1090	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	Two leaf 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 175Ah

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 Diesel Particulate Filter (DPF)

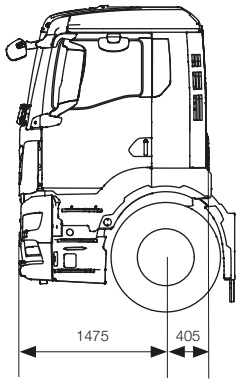
General Equipment

60 Litre AdBlue® tank
Electronic immobiliser
Fuel filter with water separator
Pre-wired cargo space lighting
Mechanical battery master switch
Body mounting brackets
Audible reverse warning with night silent
Central locking doors
Electronically controlled and heated rear view mirrors
Lane Guard System (LGS)
Emergency Brake Assist (EBA)
Electronic Stability Programme (ESP)
Adjustable roof spoiler
Lateral protection
Rear under run

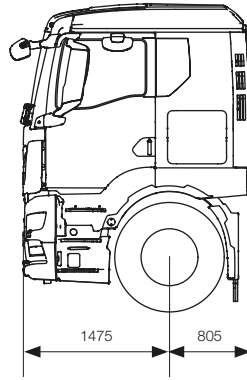
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Cab Options

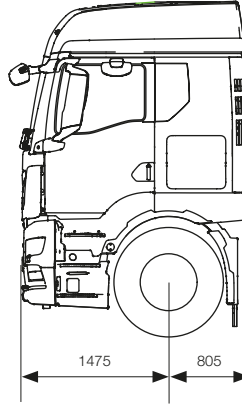
'NN' Cab



'TN' Cab



'TM' Cab



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We reserve the right to make modifications in line with technical progress.