

TGX 4X2 RIGID

Chassis Specification:

TGX 18.430 4x2 BL CH

TGX 18.470 4x2 BL CH

TGX 18.510 4x2 BL CH



TGX 4X2 RIGID

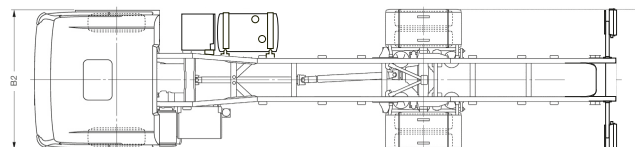
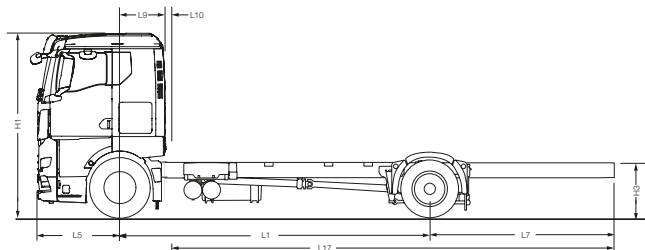
TGX 18.430 4x2 BL CH

TGX 18.470 4x2 BL CH

TGX 18.510 4x2 BL CH

Base Cab Model TGX 'GN' Cab

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



Vehicle Dimensions (mm)

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	4442	4913	5326	5791	6350	6984	7593	8205
		ft.ins.	14'7"	16'1"	17'6"	19'0"	20'10"	22'11"	24'11"	26'11"
	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	3287	3287	3287	3287	3287	3287	3287	3287
		- unladen	3363	3363	3363	3363	3363	3363	3363	3363
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	5161	5197	5184	5220	5210	5280	5313	5335
Rear axle	2136	2098	2190	2196	2278	2319	2356	2359
Total	7297	7295	7374	7416	7488	7599	7669	7694

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

9000 kg capacity front axle	+119	GM Cab	-5
9.00 x 22.5 Alloy Wheels	-85	GX Cab	+54
NH/4c PTO	+6	Steel Front Bumper	+14

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

Engine Model - Euro 6	D2676LFAJ	D2676LFAI	D26LFAF	Features
Engine Power (PS)	430	470	510	▪ Selective Catalytic Reduction
Rated Speed (rpm)	1800	1800	1800	▪ Cruise Control
Torque (Nm)	2200	2400	2600	▪ Exhaust brake
Torque Range (rpm)	930 - 1350	930 - 1350	930 - 1350	▪ Road Speed Limiter (89 km/h)
Cylinders	6	6	6	▪ OBD-E
Capacity (cc)	12419	12419	12419	▪ Suitable for EN15940

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
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
510PS	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	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 Diesle Particulate Filter (DPF)

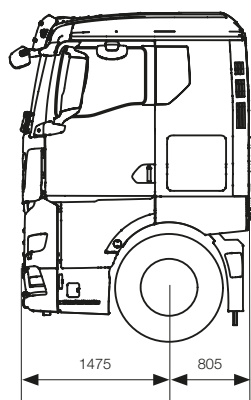
General Equipment

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

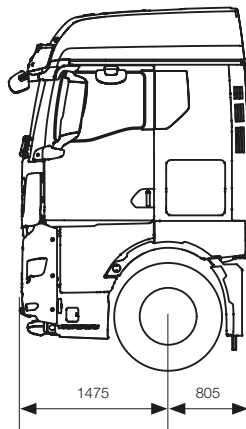
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Cab Options

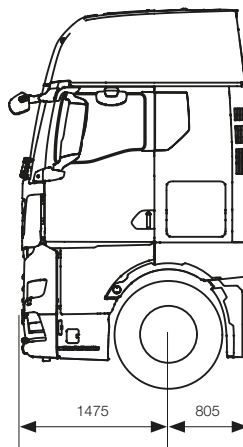
'GN' Cab



'GM' Cab



'GX' Cab



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