

TGX 4X2 LOW HEIGHT TRACTOR

Chassis Specification:

TGX 18.430 4x2 LL SA

TGX 18.470 4x2 LL SA

TGX 18.510 4x2 LL SA



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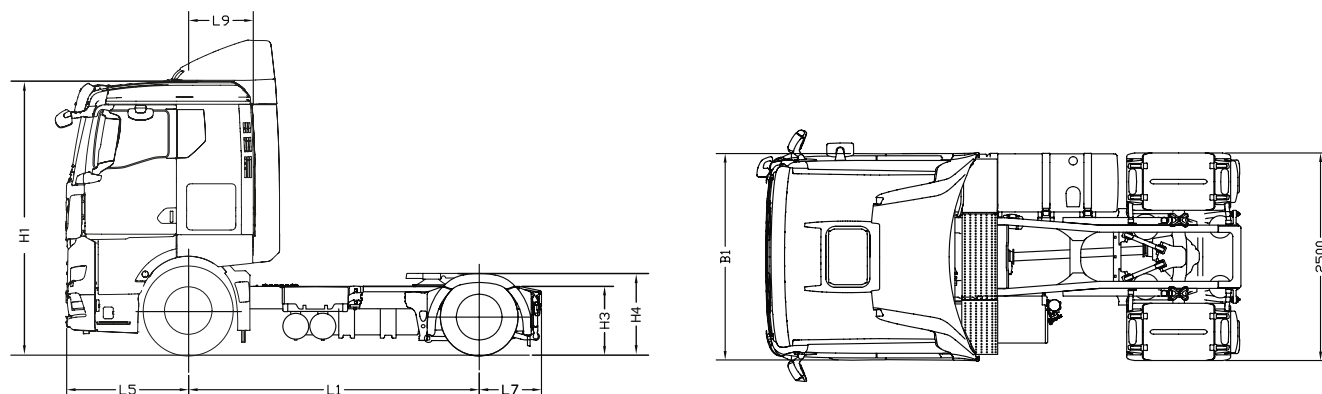
TGX 18.430 4x2 LL SA

TGX 18.470 4x2 LL SA

TGX 18.510 4x2 LL SA

Base Cab Model TGX 'GN' Cab

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



Vehicle Dimensions (mm)

L1	Wheelbase		3600
L5	Front overhang		1475
L7	Rear overhang		800
L9	Centre line front axle to back of cab		805
B1	Width across rear tyres		2480
B2	Cab width over wings		2499
H1	Cab height	- laden	3229
		- unladen	3244
H3	Frame height at centre rear wheels	- laden	842
		- unladen	872
H4	Fifth wheel height	- laden	1007
		- unladen	1037

Turning Circle (m)

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

Unladen Weights (kg +/- 2.5%)

Front axle	5481
Rear axle	2107
Total	7588

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	7500	7500
Rear axle	11500	11500

Tyre changes can affect legal weights.

Optional Equipment & Weights

Steel front bumper	+64	GM Cab	-5
9.00 x 22.5 Alloy Wheels	-85	GX Cab	+54
PTO	+6	Remove air management kit	-71

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 40000 kg

Engine Power	Gearbox	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
430PS	14.27 DD	2.31:1	85	1164	1047	33%+	315/60R22.5
470PS	14.27 DD	2.31:1	85	1164	1047	33%+	315/60R22.5
510PS	14.27 DD	2.31:1	85	1164	1047	33%+	315/60R22.5

Clutch

Single plate 430mm diameter, asbestos free lining

Axles

Steer Drop beam
Drive Single reduction

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

Gearbox

14 Speed Tipmatic® Automated

Ratios

1	16.41
2	13.28
3	11.32
4	9.16
5	7.19
6	5.82
7	4.63
8	3.75
9	3.02
10	2.44
11	1.92
12	1.55
13	1.24
14	1.00
R1	14.77
R2	11.95

Suspension

Steer Axle Electronically controlled air suspension with shock absorbers

Drive Axle Electronically controlled air suspension with shock absorbers and stabiliser

Rims & Tyres

Rims Steel 9.00 x 22.5

Tyres Steer 315/60R22.5
Drive 315/60R22.5

Electrical System

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

Fuel Tank

Capacity 480 Litres
Section Rectangular steel
RHS mounted
Locking cap

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)

Frame

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

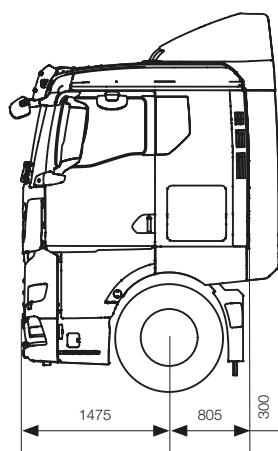
Steering

Type Hydraulically assisted

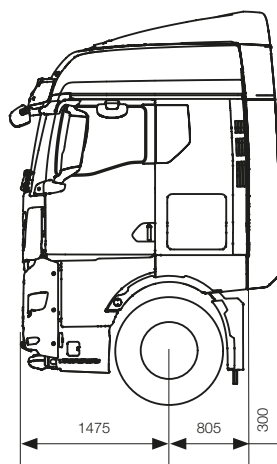
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Cab Options

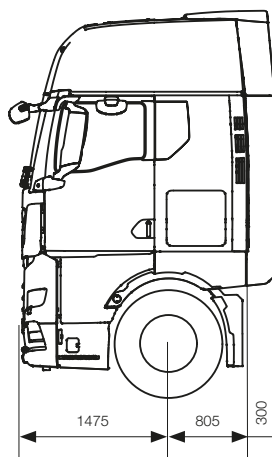
'GN' Cab



'GM' Cab



'GX' Cab



MAN Truck & Bus UK Ltd.,
Frankland Road, Blagrove,
Swindon. Wiltshire SN5 8YU
www.mantruckandbus.co.uk

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