

# TGX 4X2 TRACTOR

Chassis Specification:

TGX 18.430 4x2 BL SA

TGX 18.470 4x2 BL SA

TGX 18.510 4x2 BL SA



# TGX 4X2 TRACTOR

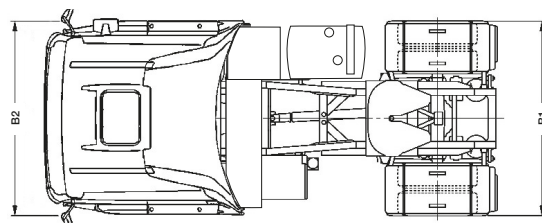
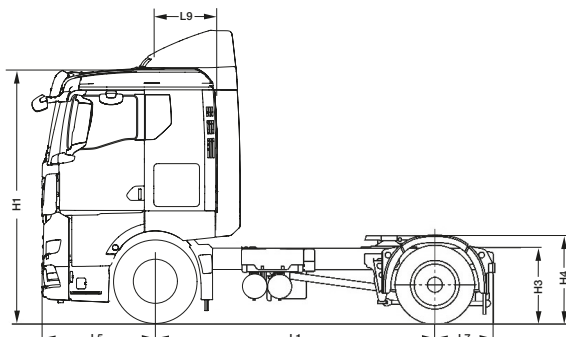
TGX 18.430 4x2 BL SA

TGX 18.470 4x2 BL SA

TGX 18.510 4x2 BL SA

## Base Cab Model TGX 'GN' Cab

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



## Vehicle Dimensions (mm)

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	3286
		- unladen	3352
H3	Frame height at centre rear wheels	- laden	935
		- unladen	965
H4	Fifth wheel height	- laden	1223
		- unladen	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	5222	5241
Rear axle	1991	1992
Total	7213	7233

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 <sup>(1)</sup>	7500	7500
Rear axle	11500	11500

Tyre changes can affect legal weights. (1) 8000 kg and 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
ADR FL(AT) Equipment	+16	Remove air management kit	-71
NH/4c PTO	+6	Steel front bumper	+64
Sliding fifth wheel	+57		

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	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	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)

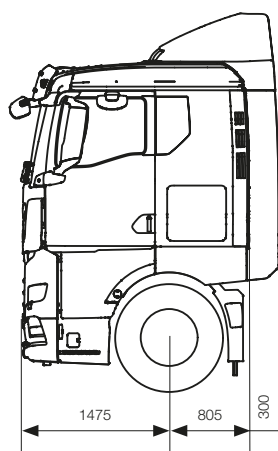
#### General Equipment

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)

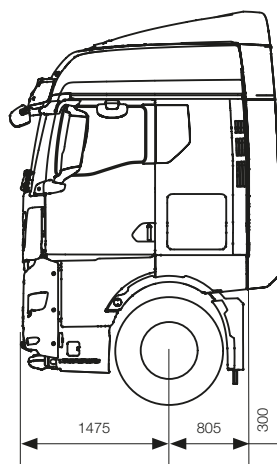
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## Cab Options

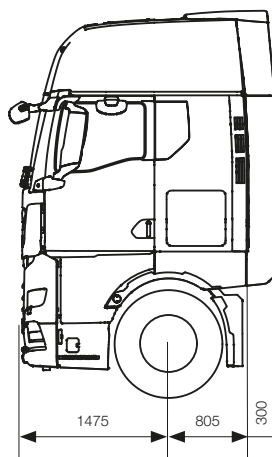
'GN' Cab



'GM' Cab



'GX' Cab



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Front cover picture may not be standard equipment.  
We reserve the right to make modifications in line with technical progress.