

TGX 8X4 TRIDEM

Chassis Specification:

TGX 35.430 8x4-4 BL CH

TGX 35.470 8x4-4 BL CH

TGX 35.510 8x4-4 BL CH



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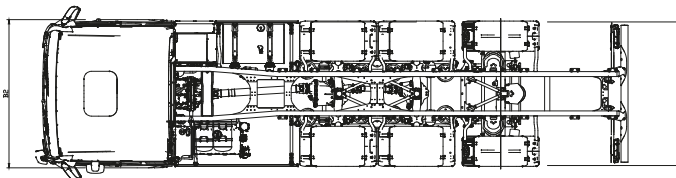
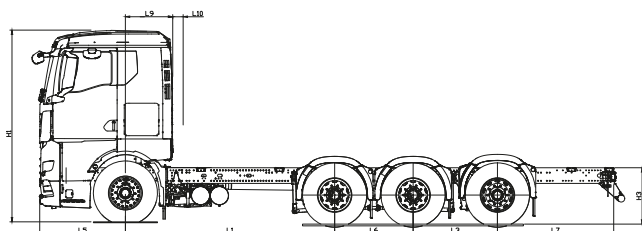
TGX 35.430 8x4-4 BL CH

TGX 35.470 8x4-4 BL CH

TGX 35.510 8x4-4 BL CH

Base Cab Model TGX 'GN' Cab

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



Vehicle Dimensions (mm)

		3600	3900	4200
L1	Wheelbase	3600	3900	4200
L2	Rear bogie spread	1450	1450	1450
L3	Front bogie spread	1350	1350	1350
L5	Front overhang	1475	1475	1475
L7	Rear overhang	2000	2000	2000
L9	Centre line front axle to back of cab	490	490	490
L10	Back of cab to start of body/equipment	60	60	60
B1	Width across rear tyres	2470	2470	2470
B2	Cab width over wings	2550	2550	2550
H1	Cab height	- laden	- laden	- laden
		3321	3321	3321
		- unladen	- unladen	- unladen
		3419	3419	3419
H3	Frame height at centre rear wheels	- laden	- laden	- laden
		981	981	981
		- unladen	- unladen	- unladen
		1011	1011	1011

Turning Circle (m)

WTW	Wall to Wall	18.8	19.6	20.5
KTK	Kerb to Kerb	17.0	17.9	18.7

Unladen Weights (kg +/- 2.5%)

Front axle	5136	5141	5176
Rear axle	5006	5032	5068
Total	10142	10173	10244

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	44000	44000
GVW	Gross Vehicle Weight	32000	32000
Front axle		9000	9000
Rear axles		27000	24000

Tyre changes can affect legal weights.

Optional Equipment & Weights

Steel front bumper	+64	GM Cab	-5
9.00 x 22.5 Alloy Wheels	-156	GX Cab	+54
Roof mounted revolving beacons	+10	Rear cab window guard	+3

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	D26LF6F	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 32000 kg

Engine Power	Gearbox	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
430PS	12.28 OD	3.70:1	78	1271	1142	33%+	315/80R22.5
470PS	12.28 OD	3.70:1	78	1271	1142	33%+	315/80R22.5
510PS	12.28 OD	3.70:1	78	1271	1142	33%+	315/80R22.5

Clutch

Single plate 430mm diameter, asbestos free lining

Gearbox

12 Speed Tipmatic® Automated

Ratios

1	12.92
2	9.98
3	7.67
4	5.94
5	4.57
6	3.53
7	2.83
8	2.19
9	1.68
10	1.30
11	1.00
12	0.77
R1	12.03
R2	9.29

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 with cross axle and inter-axle differential locks
Rear Lift	Steering

Suspension

Steer Axle	Three leaf parabolic springs with shock absorbers and stabiliser
Rear Bogie	Electronically controlled air suspension with shock absorbers and stabiliser

Rims & Tyres

Rims	Front Steel 11.75 x 22.5 Rear Steel 9.00 x 22.5
Tyres	Front axle 385/65R22.5 Rear axles 315/80R22.5

Electrical System

Type	CAN Bus system with central on-board computer
Voltage	24V
Alternator	110 AMP
Batteries	2 x 12v 175Ah

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

Steering

Type	Hydraulically assisted
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Exhaust System

Ground discharge silencer, incorporating Diesel Particulate Filter (DPF)

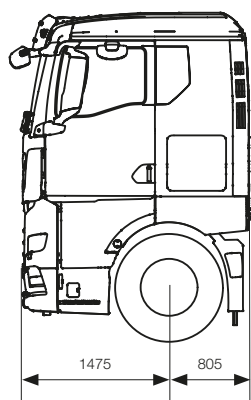
General Equipment

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
NH/4c Power Take Off (PTO)
Preparation wiring for roof beacons
Lateral protection
Rear under run
Lane Guard System (LGS)
Body mounting brackets

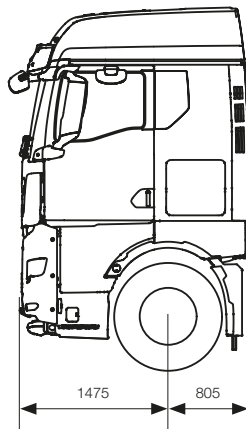
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Cab Options

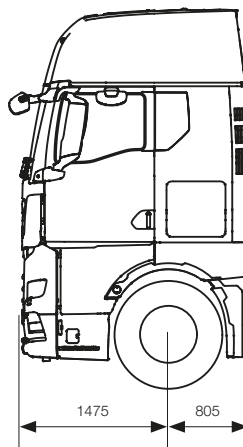
'GN' Cab



'GM' Cab



'GX' Cab



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

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