



TGL 7.5 Tonne 4x2 Tipper

Chassis Specification: TGL 8.150 4x2 BB
TGL 8.180 4x2 BB



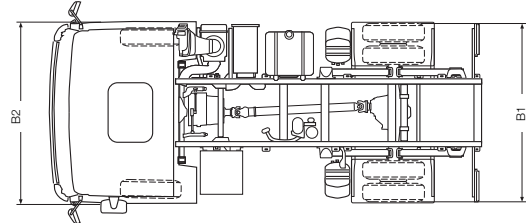
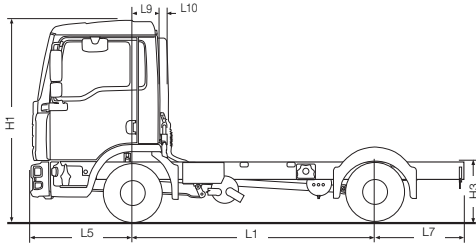
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Chassis Specification

Base Cab Model

TGL C Cab

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



Vehicle Dimensions (mm)

		3050	3300	3600
L1	Wheelbase	3050	3300	3600
L5	Front overhang	1293	1293	1293
L7	Rear overhang	1075	1775*	1275
L9	Centre line front axle to back of cab	500	500	500
L10	Back of cab to foremost body/equip. position	80	80	80
B1	Width across rear tyres	2204	2204	2204
B2	Cab width over wings	2300	2300	2300
H1	Cab height			
	- laden	2577	2577	2577
	- unladen	2628	2628	2628
H3	Frame height at centre rear wheels			
	- laden	774	774	774
	- unladen	862	862	862

*Rear overhang will require shortening to suit tipper operation.

Turning Circle

WTW	Wall to Wall	12400	13100	14000
KTK	Kerb to Kerb	10700	11500	12300

Unladen Weights (kg +/- 2.5%)

Front axle	2565	2565	2570
Rear axle	785	810	820
Total	3350	3375	3390

N.B. Unladen weights are for vehicle in standard specification with full tank of fuel and without driver.

Plated/Operating Weights (kg)

	Design	UK Legal
GTW Gross Train Weight	18700 ⁽¹⁾	18700 ⁽¹⁾
GVW Gross Vehicle Weight	7500	7500
Front axle	3400	3400
Rear axle	5200	5200

N.B. Tyre changes can effect legal weights. ⁽¹⁾ Maximum value, subject to specification.

Optional Equipment & Weights (kg)

	Front	Rear	Total		Front	Rear	Total
180PS Engine In Lieu Of 150PS Engine	+10	0	+10	200 Litre Steel Fuel Tank (3600 wb only)	+12	+15	+27
Exhaust Valve Brake (EVB)	+7	0	+7	Differential Lock	0	+4	+4
140 Ah Batteries	+15	+5	+20	Air Conditioning	+25	0	+25
150 Litre Steel Fuel Tank (3600 wb only)	+9	+11	+20	Steel Front Bumper	+45	-6	+39
				EEV Engine	+4	0	+4

All weights indicated above are subject to +/- 2.5% manufacturer's tolerance.

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Chassis Specification



Engine Model

4 Cylinder in-line, 4.6 litre (Euro 5)

Features

- Exhaust Gas Recirculation (EGR)
- Common Rail EDC
- Cruise Control
- Exhaust brake
- Road speed limiter set to 89 kph
- On-board diagnostics with NO_x control
- Optional EEV engines

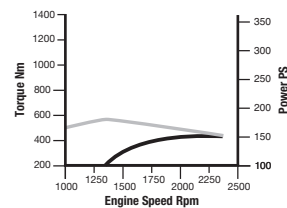
Maximum Power Peak Torque

150PS @ 2400 rpm
570 Nm @ 1400 rpm

Graph Legend

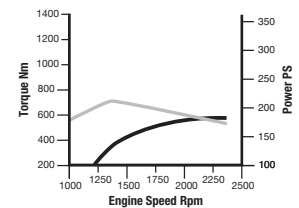
Power

Torque



D0834 LFL64 180 PS

180PS @ 2400 rpm
700 Nm @ 1400 rpm



Performance

@7500 kg

Engine Power	Gearbox	Axle Ratio	Geared Road Speed (mph)	Engine RPM @55 mph	Engine RPM @50 mph	Starting Grade	Tyre Size
150PS	6S800 OD	4.11:1	72	1842	1674	33%+	9.5R17.5
180PS	6S800 OD	4.11:1	72	1842	1674	33%+	9.5R17.5

Clutch

Single plate 395mm diameter, asbestos free lining

Axles

Steer VOK-05 drop beam
Drive HY-0718 single reduction drive axle

Braking System

Type Electronic Brake System (EBS) with Anti-lock Braking System (ABS)
Features Disc brakes, air dryer, asbestos free linings and brake assistant
Parking Brake Spring brakes on rear axle

Gearbox

ZF synchromesh gearbox

6S800 6 speed

Ratios	
1	6.58
2	3.60
3	2.13
4	1.39
5	1.00
6	0.78
R	6.06

Suspension

Steer Axle Parabolic Springs with Shock Absorbers and Stabiliser
Drive Axle Parabolic Springs with Shock Absorbers and Stabiliser

Steering Gear

Type C300 Servocom hydraulically assisted.

Frame

Construction Bolted and Riveted
Material High tensile steel
Section 220 x 70 x 4.5mm
Frame Width 859mm

Wheels & Tyres

Wheels Steel 6.00x17.5
Tyres Steer 9.5R 17.5 steer tread
Drive 9.5R 17.5 traction tread

Exhaust System

Ground discharge silencer, incorporating diesel oxidation catalyst (DOC).

Fuel Tank

Capacity 100 Litre
Section Rectangular Plastic RHS mounted with locking cap

Electrical System

Type MANTronic CAN bus system with central on board computer and vehicle management computer
Voltage 24v
Alternator 80 Amp
Batteries 2 x 12v 88Ah

General Equipment

Electronic immobiliser.
Fuel filter with water separator.
Manual door locking.
NL/4C PTO.
Audible reverse warning with night silent.
Manual mirrors

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Cab Options



'C' Day Cab - Standard
Additional weight: 0 kg

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