

TGM 4x2 Chassis

C, L and DK Cab



THE MAN ESSENTIALS ■ Low total cost of ownership ■ Quiet and ergonomic cabin environment ■ Safety and efficiency ■ German engineering

When it comes to the medium duty market, the TGM range has an impressive line-up, redefining versatility. With great fuel economy and equipped with an optimised driveline, the TGM range is the flexible solution delivering cost savings and maximising driver comfort. Available with the engine of your choice and a variety of cab sizes, you will quickly realise that a MAN TGM in your fleet is a great business decision.

ENGINEERED TO SAVE YOU MONEY ►



TGM 4x2 Chassis C, L and DK Cab specifications

Engines

MAN D0836, 6-cylinder, 4-valve in-line engine with Common Rail fuel injection. Single stage turbo and intercooled. EDC electronic engine regulation. Euro 5 emission standard with SCR, and OBD2 (on-board diagnosis) with NOx emission monitoring.

MAN Exhaust Valve Brake (EVB) and cruise control fitted as standard.

Transmission

MAN 12-speed TipMatic (ZF-AS Tronic) gearbox. 12 forward speeds, 2 reverse ratios. Automated constant mesh transmission. With MAN TipMatic, shifting and clutching are electro-pneumatic; there is no clutch pedal.

Manual mode available (shifting via a fingertip lever on the steering column). "M" (Manoeuvring Mode) setting for precise low speed manoeuvring in forward and reverse.

Fuel tanks

300Ltrs steel fuel tank. 35Ltr/27Ltr AdBlue tank.

Lockable tank caps.

Intake/Exhaust system

Raised air intake behind cab with pre-cleaner.

Down-swept exhaust muffler on R/H of chassis with tailpipe outlet to frame centre.

Wheels and tyres

15T: Steel disc wheels 8-hole 8.25 x 19.5 305/70 R19.5

18T: Steel disc wheels 10-hole 8.25 x 22.5 295/80 R22.5

Frame side mounted spare wheel carrier with winch. Wheel changing equipment supplied.

Front axle/suspension

15T: MAN VOK-06 dropped axle rated at 6,300kg parabolic spring with stabiliser.

18T: MAN VOK-07 dropped axle rated at 7,100kg parabolic spring with stabiliser.



Sealed for life hub units. Parabolic springs rated at 4,400kg with stabiliser.

Front air bag option for selected models.

Rear axles/suspension

15T: MAN HY-1130 hypoid rear axle with stabiliser, rated at 10,000kg.

18T: MAN HY-1350 hypoid rear axle with stabiliser, rated at 11,500kg.

Sealed for life hub units.

Electronically Controlled Air Suspension (ECAS) with 4 air bags and stabiliser, rated at 8,400kg. Differential lock. Axle ratio 3.36.

Speed Limiter

Vehicle electronically limited to 100kmh.

Driver programmable speed limit function can operate between 40kmh and 100kmh.

Frame

Ladder frame chassis with tubular cross members riveted and bolted.

Front Under-run Protection System (FUPS).

Chassis rail dimensions: 220mm x 70mm x 7mm.

Brake system

MAN Electronic Brake System (EBS) with Anti-lock Brake System (ABS), Anti Skid Regulator (ASR) and Electronic Stability Programme (ESP) fitted as standard.

Disc brakes to both front and rear axles. Full air operated system with air dryer.

MAN 'easy start' function holds service brakes on hills for smoother pulling away. Hand operated trailer brake in cab with air and electrical connections at rear of frame (except on Crew cab).

Cab Options

Cab type	Length	Width
C compact day cab	1,620mm	2,240mm
L sleeper cab	2,280mm	2,240mm
DK crew cab (up to 7 seats)	2,785mm	2,240mm

ENGINE SPECIFICATIONS				TRANSMISSION SPECIFICATIONS		
Engine HP	Model	Power Rating	Torque	Model	Transmission Ratios	Standard Differential Ratio
290HP	MAN D0836 6.9Ltrs	213kW @2,200rpm	1,150Nm @ 1,200-1,700rpm	ZF 12 AS1210 OD	10.37-0.81	4.11/4.63
250HP	MAN D0836 6.9Ltrs	184kW @ 2,200rpm	1,000Nm @ 1,200-1,700rpm	ZF 12 AS1210 OD	10.37-0.81	4.11/4.63

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Cab Exterior

Cab compliant with ECE R29 safety certification. All metal parts are galvanised and corrosion protected. 87 degree door opening. Entry lighting for driver and passenger, central locking to both doors, external smoked sunvisor. Manual roof hatch (L cab).

Cab Interior

High comfort ISRI driver's seat with air suspension, 3-way lumbar adjustment, shoulder adjustment, integrated seat belt, arm rests and heating. Adjustable, non-air passenger seat. Factory fitted climate control air conditioning system with pollen filter. Radio/CD player. Preparation for UHF radio. Electrically operated power windows. Interior sunblinds to windscreen and both doors. Central storage box between the seats. Infotainment and Sat Navigation options available on request.

Instrument Panel

Easy access to vehicle information systems. Permanent gauges: tachometer, speedometer, odometer, air pressure, coolant temperature, fuel and gear selection. Menu accessible electronic display: time, outside temperature, trip meter, brake pad wear, oil level, fuel consumption and battery voltage.

Steering

Fully adjustable steering wheel with pneumatic lock. Multifunction steering wheel interfaces with the radio/CD, cruise control and the electronic dash display functions. Also has controls for the **OPTIONAL** factory integrated Bluetooth phone system.

Clutch

Single plate 395mm diameter clutch – asbestos free.



Paintwork

Cab finished in Traffic White (RAL 9016), bumper and lower cab plastics in grey, chassis in Graphite Black (RAL 9011).

Electrical System

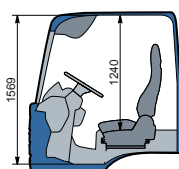
24 Volt Electrical System. Battery main switch,

mechanical. 2 batteries 12V 88Ah. Alternator 28V 110A 3080W.

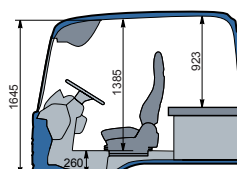
Lights

Headlights fitted with longlife H7 type globes. Lighting system operation check.

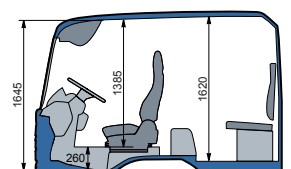
DAY CAB (C CAB)



SLEEPER CAB (L CAB)

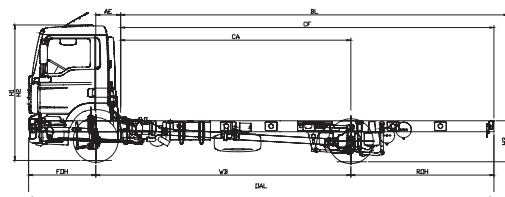
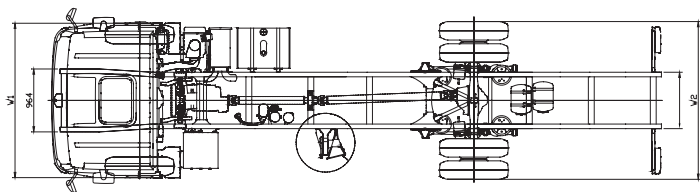


DUAL CAB (DK CAB)



TGM 4x2 Chassis C, L and DK Cab specifications

GVM: 15,000-18,000 KG; GCM: BASED ON APPLICATION



	DAY CAB WEIGHTS (C CAB) CHASSIS DIMENSIONS (mm)			SLEEPER CAB WEIGHTS (L CAB) (kg)			CREW CAB WEIGHTS (DK CAB) (kg)			TURNING	
	Front (kg)	Rear (kg)	Total (kg)	Front (kg)	Rear (kg)	Total (kg)	Front (kg)	Rear (kg)	Total (kg)	Kerb to Kerb (m)*	Wall to Wall (m)*
					15T:						
5,075 (front air bag suspension only)	N/A	N/A	N/A	3,705	1,505	5,210	N/A	N/A	N/A	17.5m	19.2m
5,475	3,265	1,565	4,830	3,455	1,565	5,020	3,605	1,750	5,355	20.0m	21.5m
					18T:						
6,175	3,550	1,820	5,370	3,740	1,820	5,560	3,890	2,005	2,895	21.1m	22.7m

* + - 0.5m

	DAY CAB (C CAB) CHASSIS DIMENSIONS (mm)						MAX (mm)	EMPTY (mm)	LOADED (mm)	EMPTY (mm)	LOADED (mm)		
	FOH	ROH	OAL	CA	CF	AE	BL	H1	H2	H3	H4	W1	W2
5,075 (front air bag suspension only)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5,475	1,350	3,075	9,900	5,037	8,112	438	8,322	2,799	2,721	853	823	2,370	2,398
6,175	1,400	3,275	10,850	5,789	9,064	386	9,489	2,923	2,847	987	957	2,490	2,442

	SLEEPER CAB (L CAB) CHASSIS DIMENSIONS (mm)						MAX (mm)	EMPTY (mm)	LOADED (mm)	EMPTY (mm)	LOADED (mm)		
	FOH	ROH	OAL	CA	CF	AE	BL	H1	H2	H3	H4	W1	W2
5,075 (front air bag suspension only)	1,400	2,675	9,150	4,184	6,859	891	7,229	2,908	2,893	913	883	2,490	2,428
5,475	1,350	3,075	9,900	4,537	7,612	938	8,550	2,875	2,797	853	823	2,376	2,398
6,175	1,400	3,275	10,850	5,284	8,559	891	8,984	2,995	2,923	987	957	2,490	2,442

	CREW CAB (DK CAB) CHASSIS DIMENSIONS (mm)						MAX (mm)	EMPTY (mm)	LOADED (mm)	EMPTY (mm)	LOADED (mm)		
	FOH	ROH	OAL	CA	CF	AE	BL	H1	H2	H3	H4	W1	W2
5,075 (front air bag suspension only)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5,475	1,350	3,005	9,900	3,884	6,959	1,591	7,169	2,872	2,794	853	823	2,377	2,398
6,175	1,400	3,275	10,850	4,623	7,898	1,552	8,323	2,988	2,920	98	957	2,491	2,442

1. All above weights and dimensions are subject to confirmation and may vary depending on final specification. Manufacturing weight tolerance +/- 3%.
2. State and Federal regulations over ride information supplied on this brochure.
3. Vehicle images in this specification sheet are for illustration purposes only.
4. Maximum body length is calculated using a rear overhang of 60% of the wheelbase to a maximum of 3.7m.
5. Tare weight includes 100 litres of fuel, spare wheel and steel wheels.
6. Specifications are subject to change without notice. Copyright © 2020, Penske Australia

