

# TGM 12.240 4x2



## Engine

MAN D0836, EURO 4 Standard.  
Electronically controlled common rail fuel injection.  
6-cylinder in-line engine, displacement 6871ccm.  
Rating 240hp/177kW at 2400rpm.  
Torque 925Nm at 1200-1750rpm.  
Man Exhaust Valve Brake (EVB).  
Turbocharged and intercooled.  
Electronically speed limited.  
1-cyl. Compressor 238cc.  
Clutch 395mm diameter.  
Cruise Control.

## Intake / Exhaust System

Dry element air cleaner with vertical intake behind cab.  
Down swept exhaust (Euro 4 compliant).

## Gearbox

Eaton gearbox FS 8309, 9 forward speeds, 1 reverse synchronesh gearbox. Ratios: 12.6-1.0.  
Optional: ZF 12-AS1210 OD Automated Transmission.  
Ratios: 10.33-0.81.

## Front Axle / Front Springs / Front Axle Load

MANVOK-05 Dropped axle with disc brakes.  
Life-lubricated hub unit.  
Axle rating: 4,400kg.

## Rear Axle / Rear Springs / Rear Axle Load

MAN hypoid axle with disc brakes.  
2 Bag rear air suspension.  
Electronically controlled air suspension (ECAS).  
Axle rating: 8,400kg.  
Differential lock.

Axle ratios available: 3.08, 3.36, 3.70.

## Rims

Steel disc wheels 6-hole 6.75-17.5.  
245/70R17.5 Continental Tyres.  
Frame side mounted spare wheel carrier with winch.  
Wheel changing tools supplied.

## Fuel Tanks

Steel fuel tank 200ltr with water separator.  
Optional: 200ltr alloy.  
Extra 200ltr steel tank.

## Frame

Ladder frame, parallel U-section chassis rail with tubular cross members rivetted and bolted.  
Flat top chassis rails to facilitate body mounting.

Chassis rail dimensions:  
Depth: 220 mm x flange 70 mm.  
Thickness: 7 mm.

## Steering

Power steering, fully adjustable steering wheel with pneumatic locking.

## Cab Exterior

Cab "C" (Day) 1620mm long, 2240 mm wide.  
Option - "L" sleeper cab.  
Forward control, all steel with extensive anti-corrosion treatment and optimal noise and heat insulation.  
Rear-view mirror(s) heated and electronically adjustable.  
Entry lighting for driver and co-driver.  
Safety tested to ECE-R29.  
Laminated windscreen.  
Door windows tinted.  
Central locking.

## Cab Interior

Air suspended driver's seat, fully adjustable.  
Static co-driver's seat, fixed position.  
Air-conditioner, CFC-free refrigerant 134 AC with climate control.  
Electric windows.

## Instruments

Electronic dash displaying vehicle messages and status reports in a full menu system.

## Radio / Communication Systems

Radio MAN CD 24V with RDS function and CD player.

## 24 Volt Electrical System

Battery main switch, mechanical.  
2 batteries 12V 88Ah.  
Alternator 28V 80A 2240W.

## Brake System

MAN electronic brake system (EBS).  
Anti-lock braking system (ABS).  
Disc brakes on front and rear axles.  
BrakeMatic switch on dash to operate EVB with the brake pedal, when loaded.



# Specification Data

GVM Max: 11,990kg • GCM Max: 24,000kg

Weights kg:		Day Cab		
Wheelbase	Front	Rear	Total	
4200	2800	1355	4155	
4500	2795	1375	4170	
4850	2790	1405	4195	
5200	2785	1425	4210	
5500	2780	1455	4235	
6700	2810	1495	4305	

Weights kg:		Sleeper Cab		
Wheelbase	Front	Rear	Total	
4200	2970	1355	4325	
4500	2965	1375	4340	
4850	2960	1405	4365	
5200	2955	1425	4380	
5500	2950	1455	4405	
6700	2980	1495	4475	



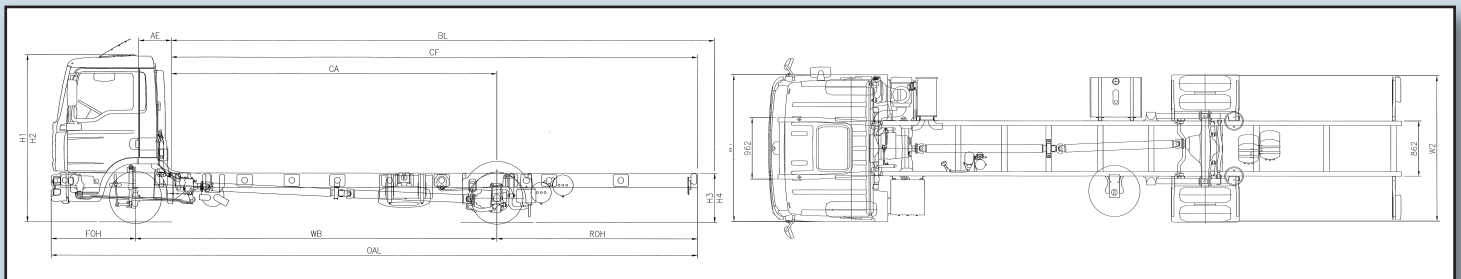
**Note:** Cab/chassis weight calculated with spare tyre and wheel, toolkit and 100ltrs fuel.

Dimensions (mm)							(Max)	Empty	Loaded	Empty	Loaded		
Day Cab (C Cab)	FOH	ROH	OAL	CA	CF	AE	BL	H1	H2	H3	H4	W1	W2
WB-4200	1293	2325	7818	3700	6025	500	6220	2625	2550	773	753	2300	2279
WB-4500	1293	2475	8268	4000	6475	500	6700	2625	2550	773	753	2300	2279
WB-4850	1293	2675	8818	4350	7025	500	7260	2625	2550	773	753	2300	2279
WB-5200	1293	2875	9368	4700	7575	500	7820	2625	2550	773	753	2300	2279
WB-5550	1293	3075	9918	5050	8125	500	8125	2625	2550	773	753	2300	2279
WB-6700	1293	3625	11618	6200	9825	500	9900	2625	2550	773	753	2300	2279

Sleeper Cab (L Cab)							(Max)	Empty	Loaded	Empty	Loaded		
WB-4200	WB-4500	WB-4850	WB-5200	WB-5550	WB-6700	AE	BL	H1	H2	H3	H4	W1	W2
WB-4200	WB-4500	WB-4850	WB-5200	WB-5550	WB-6700	1050	5670	2625	2550	773	753	2300	2279
WB-4200	WB-4500	WB-4850	WB-5200	WB-5550	WB-6700	1050	6150	2625	2550	773	753	2300	2279
WB-4200	WB-4500	WB-4850	WB-5200	WB-5550	WB-6700	1050	6710	2625	2550	773	753	2300	2279
WB-4200	WB-4500	WB-4850	WB-5200	WB-5550	WB-6700	1050	7270	2625	2550	773	753	2300	2279
WB-4200	WB-4500	WB-4850	WB-5200	WB-5550	WB-6700	1050	7830	2625	2550	773	753	2300	2279
WB-4200	WB-4500	WB-4850	WB-5200	WB-5550	WB-6700	1050	9350	2625	2550	773	753	2300	2279

Turning Circle						
Wheelbase	4200	4500	4850	5200	5550	6700
(Kerb to Kerb m)	14.1	15.0	16.1	17.1	18.2	21.6
(Wall to Wall m)	15.8	16.7	17.8	18.8	19.9	23.3



1. All above dimensions are subject to proper weight distribution.
2. State and Federal regulations over ride information supplied on this brochure.
3. Vehicle depicted in this specification sheet is for illustration purposes only.
4. Maximum BL (ROH) is calculated using 60% of WB or 3.7mt whichever is less (ensure sufficient chassis rail is available to comply with State regulations).
5. Specifications are subject to change without notice. Copyright © 2007, MAN Automotive Imports Pty Ltd.



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