

TGM 23.280 6x2



Engine

MAN D0836, EURO 4 Standard.
Electronically controlled common rail fuel injection.
6-cylinder in-line engine, displacement 6871ccm.
Rating 280hp/206kW at 2400rpm.
Torque 1100Nm 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.
PTO opening at rear.

Front Axle / Front Springs / Front Axle Load

MANVOK-05 Dropped axle with disc brakes.
Life-lubricated hub unit.
Axle rating: 6,000kg.

Rear Axle / Rear Springs / Rear Axle Load

MAN hypoid axle with disc brakes.
2 Bag rear air suspension.
Electronically controlled air suspension (ECAS).
Axle group rating: 20,000kg.
Differential lock.
Axle ratios available: 3.08, 3.36, 3.70, 4.11.

Rims

Steel disc wheels 8-hole 8.25-19.5.
305/70R19.5 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

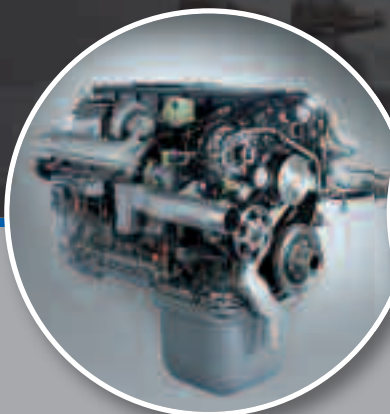
Radio MAN CD 24V with RDS function and CD player.

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: 23,000kg • GCM Max: 36,000kg

Weights kg:		Day Cab		
Wheelbase	Front	Rear	Total	
5475 + 1500	3385	2610	5995	
Weights kg:		Sleeper Cab		
Wheelbase	Front	Rear	Total	
5475 + 1500	3555	2610	6165	

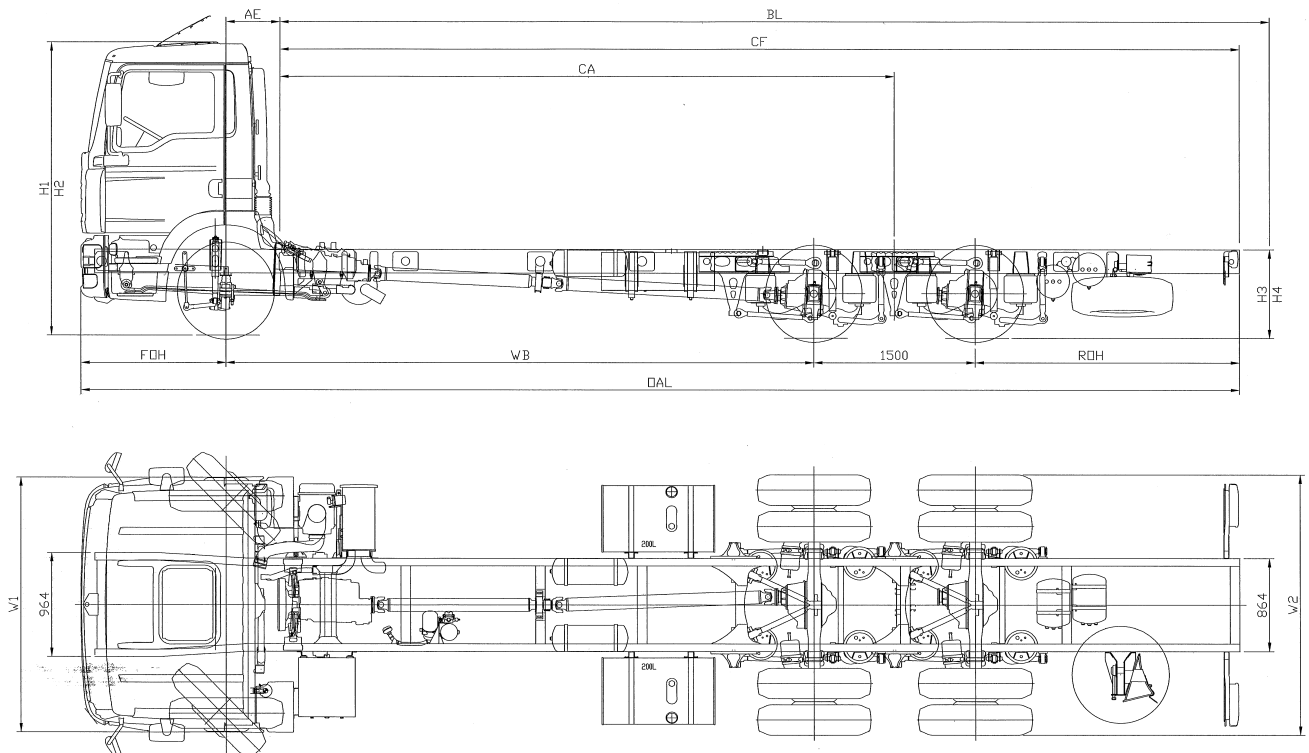
Note: Cab/chassis weight calculated with spare tyre and wheel, toolkit and 100ltrs fuel.

Turning Circle

Wheelbase	5475 + 1500
(Kerb to Kerb m)	20.4
(Wall to Wall m)	21.9



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-5475 + 1500	1350	2560	10885	5725	9035	500	9425	2814	2736	838	868	2446	1794
Sleeper Cab (L Cab)	FOH	ROH	OAL	CA	CF	AE	BL	H1	H2	H3	H4	W1	W2
WB-5475 + 1500	1350	2560	10885	5225	8535	1000	8925	2814	2736	838	868	2446	1794



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.



MAN Automotive Imports Pty Ltd

72 Formation Street, Wacol, Qld 4076 • PO Box 415, Richlands DC Qld 4077

Telephone: 07 3271 7777 • Facsimile: 07 3271 2047 • www.man.com.au