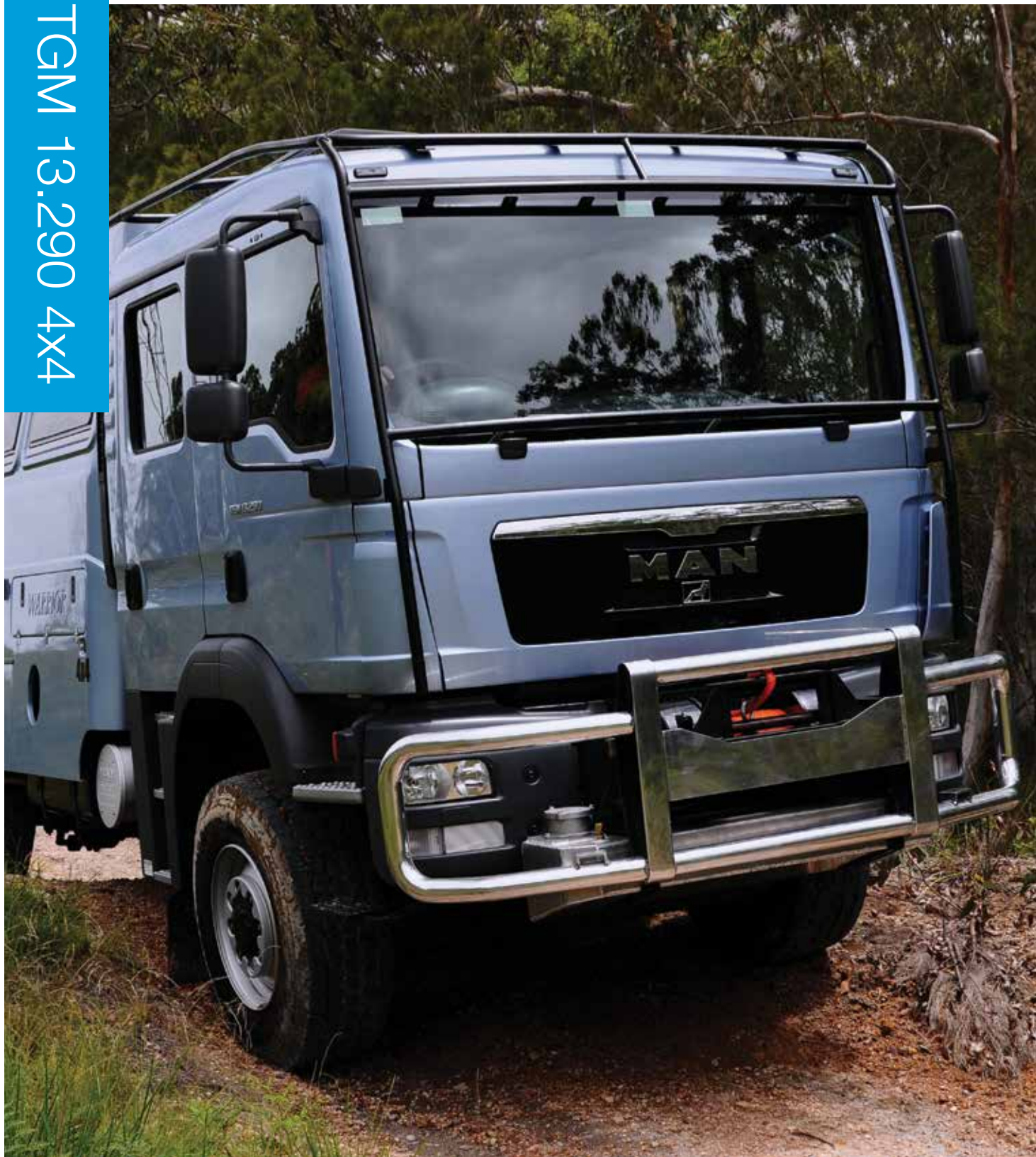


TGM 13.290 4x4



TGM 13.290 4x4 Chassis

► C, L & Crew Cab

**Evolve to MAN** ►



# TGM 13.290 4x4



## Transfer Case

MAN G102 2-speed transfer case with permanent all wheel drive (Optional (dis)engageable front axle drive - GCM restrictions apply)

Low ratio: 1.6

High ratio: 0.98

## Engines

MAN D0836, 6-cylinder, 4-valve in-line engine with Common Rail fuel injection. Twin turbocharged and intercooled. EDC electronic engine regulation.

Euro 5 emission standard with EGR (no DPD regeneration or AdBlue additive required), and OBD2 (on-board diagnosis) with NOx emission monitoring.

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

## 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 & Tyres

Steel disc wheels 8-hole 11.75 x 22.5 with 385/65R 22.5 single tyres front & rear. Spare wheel and tyre supplied. Wheel changing equipment supplied.

## Fuel Tank

300L steel fuel tank fitted to R/H of chassis. Locking fuel cap.

## Transmission

MAN 12-speed Tipmatic (ZF AStronic) 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.

Normal mode is automated with manual mode available (shifting via a fingertip lever on the steering column).

"M" setting for precise low speed manoeuvring in fwd & rev. "X" setting for off-road gearchange logic.

Optional Live Drive PTO.



## Front Axle / Suspension

MAN VP-06 permanently driven hub reduction front axle rated at 6300kg with differential lock. Parabolic front springs rated at 6300kg with stabiliser. Sealed for life hub units.

## Rear Axle / Suspension

MAN HP-0728 hub reduction rear axle for single wheels, with sealed for life hub bearings, differential lock and stabiliser, rated at 7,800kg.

Electronically controlled air suspension (ECAS) with 4 air bags. Rated at 7,100kg.

Axle ratios available: 4.12 / 4.59 / 5.07 / 5.70 / 6.48.

ENGINE SPECIFICATIONS				TRANSMISSION SPECIFICATIONS		
Engine HP	Model	Power Rating	Torque	Model	Transmission Ratios	Standard Differential Ratio
290 HP	MAN D0836 6.871Ltrs	213kW @ 2300rpm	1150Nm @ 1200 - 1750rpm	ZF 12 AS1210 OD	10.37 - 0.81	5.07
250 HP	MAN D0836 6.871Ltrs	184kW @ 2300rpm	1000Nm @ 1200 - 1750rpm	ZF 12 AS1210 OD	10.37 - 0.81	5.07

## Frame

Ladder frame chassis with tubular cross members riveted & bolted. made from QStE420TM fine grade steel. Flat-topped chassis rails for easy subframe mounting. Chassis rail dimensions: 220mm x 70mm x 7mm. Steel front bumper.

Air and electrical connections to rear of frame for trailer.

## Brake System

MAN Electronic Brake System (EBS) with ABS as standard. Disc brakes to both front and rear axles. Full air operated system with air dryer.

Hand operated trailer brake (except on Crew cab).

Hill-climb brake control switch for holding vehicle on steep inclines, also allows smooth pulling away without roll-back. Off-road ABS switch for improved braking performance when off road.

## Clutch

Single plate 395mm diameter clutch - asbestos free.

## Speed Limiter

Vehicle electronically limited to 100kmh. Driver programmable speed limit function can operate between 40kmh and 100kmh.

## Cab Options

C compact day cab 1620mm long, 2240mm wide.

L sleeper cab 2280mm long, 2240mm wide.

DK crew cab 2785mm long, 2240mm wide (up to 7 seats).

## 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.

Electrically adjustable and heated rear view, kerb view and wide angle mirrors. Manual front-view mirror. Built-in side storage lockers on the L cab.

Coil sprung cab suspension mounts (air suspension rear mounts on L cab and Crew cab).

## 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.

## 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.

## Instrument Panel

Full electronic Base Line dash display with easy access to vehicle information systems. Permanent gauges: tachometer, speedometer, odometer, air pressure, coolant temperature, fuel, gear selection.

Sample electronic display: time, outside temperature, trip meter, brake pad wear, oil level, fuel consumption, battery voltage, etc.

Warning lights for all major functions: diff lock status, low air pressure, low fuel, lights, cab lock, etc.



## Paintwork

Cab finished in Traffic White (RAL 9016). Chassis finished in Graphite Black (RAL 9011). Steel bumper and lower plastics finished in grey.

## Electrical System

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

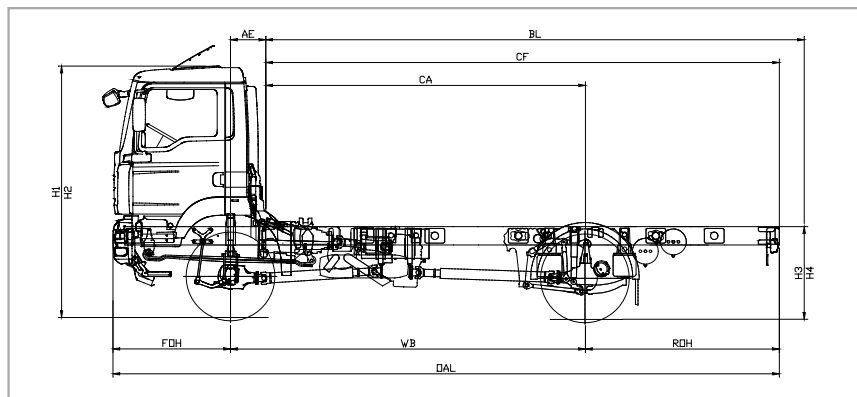
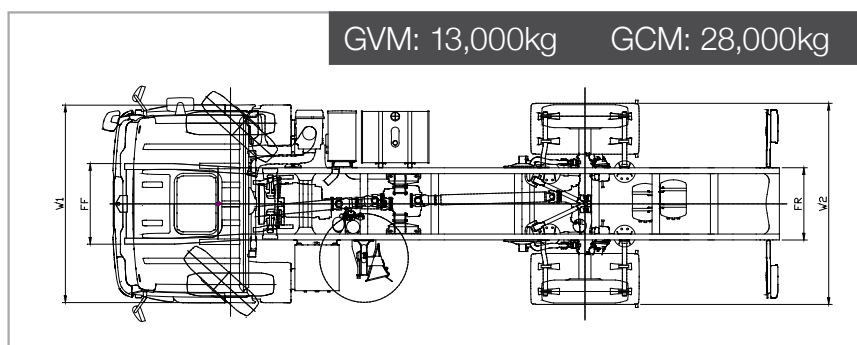
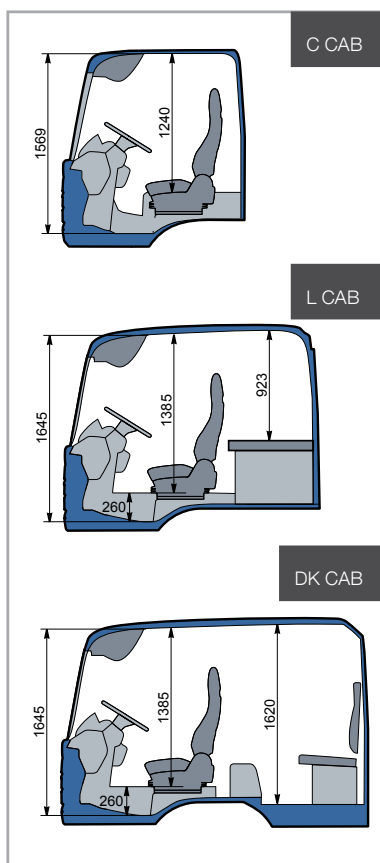
## Lights

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

Protective grille for headlights.



# Specification Data



	DAY CAB WEIGHTS (C CAB)			SLEEPER CAB WEIGHTS (L CAB)			CREW CAB WEIGHTS (DK CAB)			TURNING CIRCLE	
Wheelbase	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)
4250mm	3838	1668	5506	4068	1668	5736	4108	1808	5916	16.1	17.7

Wheelbase	DIMENSIONS (mm)						MAX	EMPTY	LOADED	EMPTY	LOADED				
DAY CAB (C CAB)	FOH	ROH	OAL	AE	CA	CF	BL	H1	H2	H3	H4	FF	FR	W1	W2
4250mm	1400	2325	7975	475	3775	6100	6325	3093	3019	1138	1118	964	864	2377	2370
SLEEPER CAB (L CAB)	FOH	ROH	OAL	AE	CA	CF	BL	H1	H2	H3	H4	FF	FR	W1	W2
4250mm	1400	2325	7975	970	3280	5605	5830	3163	3095	1138	1118	964	864	2377	2370
CREW CAB (DK CAB)	FOH	ROH	OAL	AE	CA	CF	BL	H1	H2	H3	H4	FF	FR	W1	W2
4250mm	1400	2325	7975	1620	2630	4955	5180	3154	3092	1138	1118	964	864	2377	2370



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 © 2014, MAN Automotive Imports Pty Ltd.

## MAN Automotive Imports Pty Ltd

72 Formation Street, Wacol, QLD 4076 • PO Box 301, Goodna QLD 4300

T: (07) 3271 7777 • F: (07) 3271 2047 [www.man.com.au](http://www.man.com.au)

