



# TGM 26.290-320 6x4 BB CH

## WARRANTY

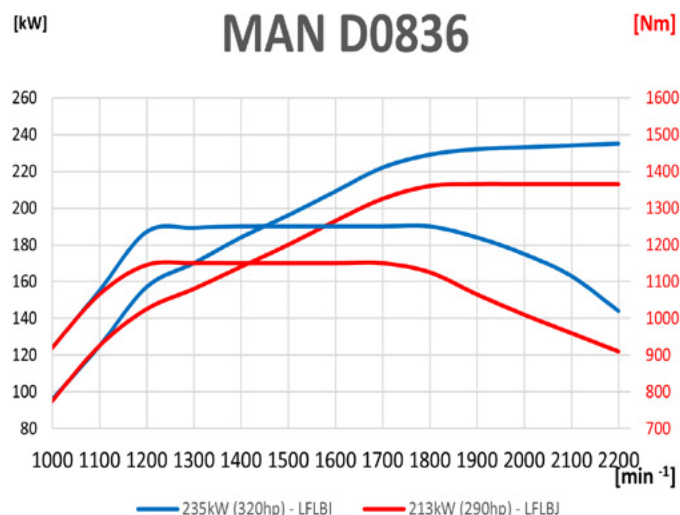
Term coverage	1 year entire vehicle
Km coverage	Unlimited
Term coverage	2 year driveline
Km coverage	Unlimited

## ROADSIDE ASSISTANCE

Term coverage	48 months
Km coverage	Unlimited

## ENGINE

Model	D08
Displacement	6.9 L
Power	
D0836 LFLBJ	213 kW (290 hp) at 2,200 rpm 1,150 Nm at 1,200 - 1,700 rpm
D0836 LFLBI	235 kW (320 hp) at 2,200 rpm 1,250 Nm at 1,200 - 1,700 rpm
Bore + stroke	108 mm + 125 mm
Compression ratio	16.5:1
Fuel injection	Electronically controlled, common rail
Emission level	Euro VI E
Engine brake output	185 kW



## MASS LIMITS

GVM	26,000 kg
GCM	N/A

## PERFORMANCE

Engine rpm @ 100 km / h	1,533
Road speed limiter	100 km/h
Startability @ GVM	22.30%
Startability @ GCM	-
Gradeability @ GVM	1.02%
Gradeability @ GCM	-

## EMISSION CONTROL

Emission control	CRT particulate filter + SCR
Adblue capacity	35 L (CC, TN cabins)
Adblue tank	Plastic, RHS chassis-mounted Lockable cap with master key
Exhaust system	RHS chassis mounted
Outlet	Towards middle of frame

## FUEL SYSTEMS

Fuel filter	Heated, for fuels to class 21
Fuel pre filter	Heated, oil separ / water trap with water sensor, frame mounted
Fuel capacity	300 L
Fuel tank	Steel, RHS chassis mounted Lockable cap with master key

## TRANSMISSION

Description	Automatic transmission
Make & model	MAN Powermatic 08.13 OD
Shift type	Steering column stalk
Gear ratios	1 <sup>st</sup> : 4.89      5 <sup>th</sup> : 1.25 2 <sup>nd</sup> : 3.12      6 <sup>th</sup> : 1.00 3 <sup>rd</sup> : 2.03      7 <sup>th</sup> : 0.84 4 <sup>th</sup> : 1.64      8 <sup>th</sup> : 0.64 R1: 4.25
Gearbox programming	Idle speed driving Efficiency driving program Off-road shift strategy
Transfer case	Without
Transfer case type	Without
<b>Optional:</b>	Without
Transfer case management	Without

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## POWER TAKE OFF

Rear engine PTO	Without
<b>Optional:</b>	Flange type DIN ISO spline type Preparation only
Gearbox PTO	11 o'clock + 3 o'clock
Mounting positions	With and without flange types available
<b>Optional:</b>	

## BODY INTERFACING

Interfacing	Body power supply, rear front panel Digital data exchange Vehicle date (FMS) Extended signal output (EIO)
Electrical preparation	16 pin & 18 pin plugs, keypad preparation Body control in instrument panel (CANbus) Bank of 6 blank switches

## ELECTRICAL SYSTEMS

Batteries	2 x 180 Ah long-life maintenance free
Battery location	LHS chassis
Battery master switch	Mechanical
Battery box	Medium, lockable
Alternator	3 phase 28 V, 120 A, 3,360 W
Alternator type	Local interconnected network (LIN)

## AIR & BRAKING SYSTEMS

Air intake position	Behind cabin, raised
Engine air intake type	Pre-separator
Engine dry air filter	With safety insert
Air compressor	1 cyl, 318 cm with economy system
Air dryer	1 cyl heated
Compressed air tank	Steel
Compressed air treatment	Electronically controlled
Brake system	Electronic braking system (EBS)
Anti-lock braking system	With off-road logic
Engine valve brake	Electronically controlled with stages
Park brake control	Pneumatic, next to drivers seat
<b>Optional:</b>	Electronic, in dash
Anti-jackknife brake control	Without
Hill hold	MAN easy start with hill climb brake
Wheel brakes	Disc brakes front and rear

## STEERING

Type	Hydraulic
Column	Telescopic, tilt adjust & parking position
Steering wheel	500 mm diameter, with steering lock multifunction consisting of: <ul style="list-style-type: none"><li>• Menu operation</li><li>• Voice control</li><li>• Infotainment operation</li><li>• Driver assistance settings</li><li>• Phone control</li></ul>

## TOWING EQUIPMENT

Air supply	2-line trailer brake connection, end frame
Trailer sockets	24 V, 7 + 7 pin end of frame Antilock braking system end of frame

## FRONT AXLE & SUSPENSION

Front axle model	VOK-07, non-driven
Type	Dropped
Capacity	7,100 kg
Differential locks	With
Suspension	2-leaf parabolic
Suspension rating	7,100 kg
Shock absorbers	With
Stabiliser	Torsion bar spring

## REAR AXLE & SUSPENSION

Rear axle model	HYD-1160/HY-1133, driven hypoid axles
Type	Straight, permanent
Capacity	2 x 11,500 kg
Differential locks	With
Suspension	2 x 4-leaf parabolic
Suspension rating	11,500 kg
Shock absorbers	With
Stabiliser	Torsion bar spring
Rear axle ratio	4.63
<b>Optional:</b>	5.29

## FRAME

Wheelbase / Overhang	4,125 mm / 1,025 mm
Frame design	Normal
Frame dimensions	220 mm x 70 mm x 6.8 mm
Vehicle frame end	Straight
Tensile strength	Rm (MPa) min 480 - 620
Rear cross member	with 160 mm x 100 mm hole pattern
Front tow point	Central jaw integrated into bumper
Frame paint	Black - RAL 9011
Spare wheel hoist	Provisionally mounted
Wheel chocks	2 units with retaining device
Taillights	LED
Side marker lights	LED

## SAFETY FEATURES

Driver assistance systems	Emergency braking signal, automatic Electric stability program (ESP) Light function test Lane guard assist MAN attention guard Front detection Distance warning system Emergency brake assist II plus Anti slip regulator (ASR) Adaptive cruise control
<b>Optional:</b>	Reversing motion system

## WHEEL EQUIPMENT

Front rims	8.25" 22.5 8-hole steel rim
Front tyres	295 / 80 R steer, on-off road tread
Rear rims	8.25" 22.5 8-hole steel rim
Rear tyres	295 / 80 R steer, on-off road tread
Spare rim	8.25" 22.5 8-hole steel rim
Spare tyre	295 / 80 R steer, on-off road tread

## CABIN EXTERIOR

Cabin strength rating	ECE R29.3 cabin strength
Cabin	CC: Narrow, short, normal height
Cab tilting	Manual
Cab suspension	Mechanical spring
Rear window	With
<b>Optional:</b>	Without
Front bumper	Steel, 3-piece
Exterior rear view mirrors	Electric + heated with manoeuvring aid
Front view mirror	1 x mechanically adjustable 1 x left side, electronically adjustable
External Sunvisor	Single piece
Cabin paint	White - RAL 9016
Bumper & step paint	Textured
Cabin aerokit	None
<b>Optional:</b>	Roof foil
Windscreen	Composite safety glass, tinted
Windscreen wipers	Manual wiper activation
<b>Optional:</b>	Automatic rain sensing activation
Step units	Rigid
Headlights	H7 bulb with fine & wide mesh protection
<b>Optional:</b>	LED
Daytime running lights	LED
Turn signals	LED
Driving light control	Manual
<b>Optional:</b>	Automatic with light sensor
High-beam headlight operation	Manual
<b>Optional:</b>	Assisted
Horn	Single tone, electric Compressed air, roof mounted x 2

## CABIN MEASUREMENTS

Cabin Type	CC Cabin Day
Exterior length	1,620 mm
Exterior width	2,240 mm
Interior length	1,550 mm
Interior width	2,070 mm
Height of engine tunnel	260 mm
Interior height above engine tunnel	1,280 mm
Interior height in front co-driver seat	1,585 mm
Length of bed	-
Width of bed	-
Roof stowage units	27 L
Storage box rear left	-
Storage box rear right	-
Storage facility under bed central	-

## CABIN INTERIOR

Colour scheme	Dark moon grey with silver accents
Internal sun blind	Folding type - driver & co-driver
Door glare protection	Roller blind for driver & co-driver doors
Interior lighting	H7 bulb
Roof storage	27 L with 4 x single DIN slots
Rear storage	Rear wall, driver & co-driver side, x 2
<b>Optional:</b>	Storage box Coolbox
Sockets	2 units 12 V & 24 V, cab centre
Instrumentation	12.3" digital dash
Bunk	Without
Seating capacity	2
Driver seat	Comfort, air spring with lumbar and shoulder adjustment, seat ventilation, seat belt adjustment
Seat belt	3-point lap sash
Co-driver seat	Basic mechanical
Seat belt	3-point lap sash
Seat belt indicator	Driver side
Air conditioning	Manual
Infotainment	Advanced mid media system Low reflection 7" colour HD display Bluetooth for 2 x mobile phones Smart phone integration AM/FM/DAB/DAB+ Navigation maps Reverse camera input
Sound system	2 x door broadband loudspeakers 2 x A pillar tweeters 2 x door bass loudspeakers

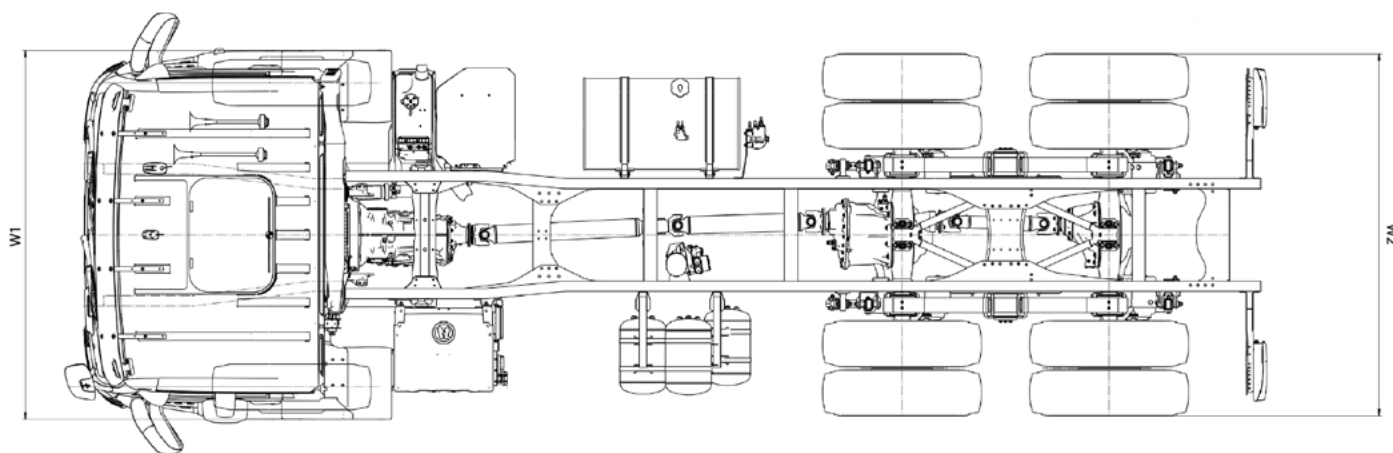
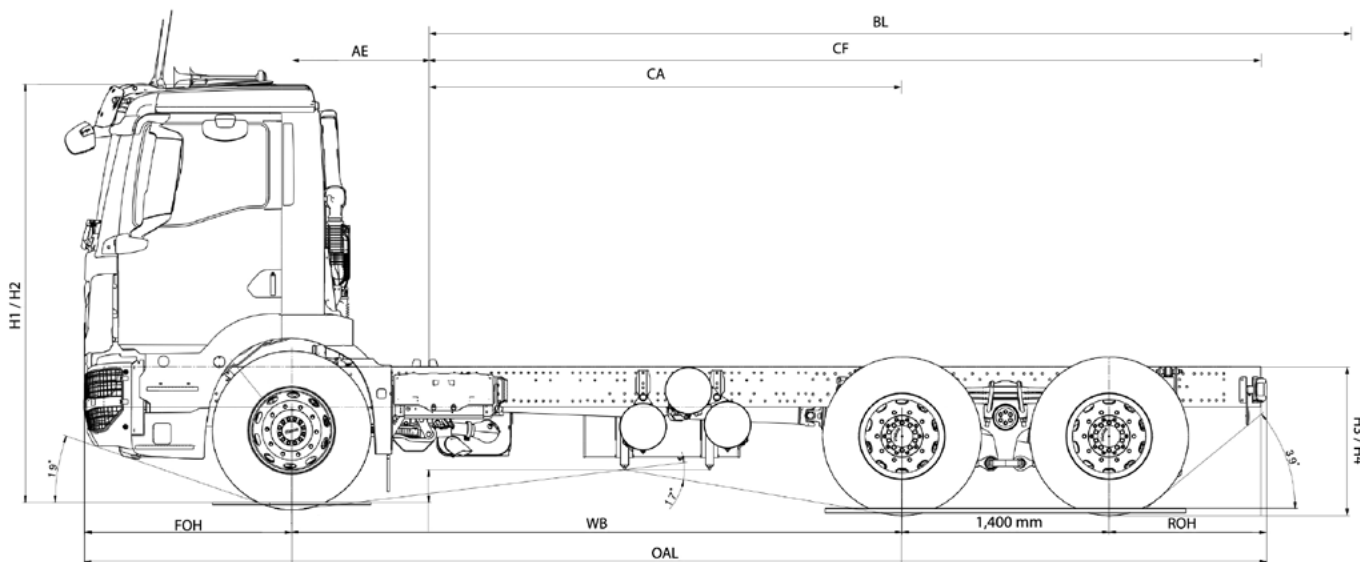
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## CHASSIS WEIGHTS

Wheelbase	CC cab: Weights			Turning	
	Front kg	Rear kg	Total kg	Kerb	Wall
3,875 mm	3,894	3,485	7,379	19.4	20.9
4,125 mm	3,905	3,495	7,400	20.6	22.1

## CHASSIS DIMENSIONS



CC cab: Longitudinal dimensions (mm)

	FOH	ROH	OAL	CA	CF	AE	Max BL
Wheelbase 3,875 mm	1,400	1,025	7,700	3,434	5,859	441	7,579
4,125 mm	1,400	1,025	7,950	3,684	6,109	441	7,979

CC cab: Height dimensions (mm)

Empty	Loaded	Empty	Loaded	W1	W2
H1	H2	H3	H4	2,490	2,443
3,069	2,986	1,046	966		
3,069	2,986	1,046	966		