



CLA 26.280 6x4 BB Tipper

6x4 Tipper Chassis with Day Cab

280 Hp, 1 100 Nm torque, D08 engine

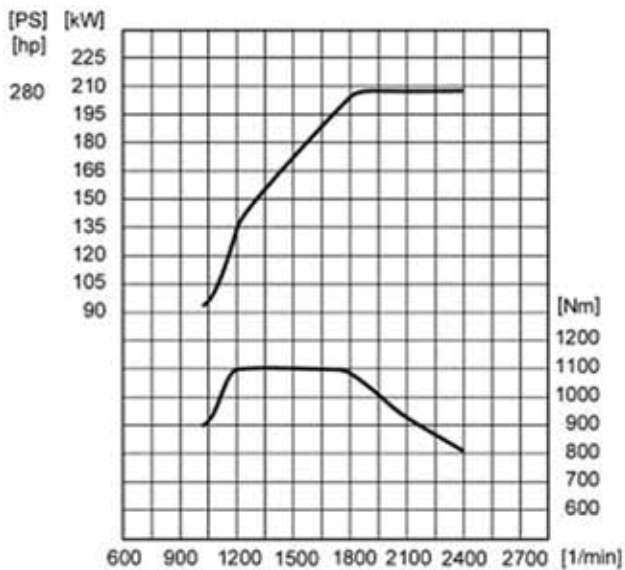
Steel suspended hub reduction rear axles

MAN kann.



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Engine



- Model:** • D0836LFL13
- Configuration:** • 6-cylinder in-line
- Displacement:** • 6.871 litre
- Output:** • 280 hp/206 kW at 2 400 rpm
- Torque Nm:** • 1 100 Nm at 1 300 – 1 700 rpm
- Green Band:** • 1 350 – 1 650 r/min
- Fuel System:** • Common Rail System
• Twin fuel filter with Separ water separator
- Cooling System:** • Tropical radiator pack
• Visco fan with high cooling output
- Engine Air Supply System:** • Safety filter element
• Pre-cleaner integrated in air intake duct
• Turbo charger with intercooler
- Engine Brake:** • EVB exhaust valve brake
- Air Compressor:** • Single cylinder 230 cc
- Emissions:** • Euro 3

Air Cleaner

Raised air intake behind cab rear wall. Dry air filter with safety element and cyclone air cleaner, suitable for heavy-duty operation.

Transmission

- Model:** • ZF 9S-1110
• 9 forward speeds including crawler
• 1 reverse. Ratios 9.48 – 0.75
- Description:** • Manual synchromesh gearbox
- Operation:** • Double H shifting and clutching are manually controlled
• Outstanding shifting quality with reduced wear on driveline and relief for driver

PTO

- Model:** • ZF NH/1C PTO, clutch dependant
- Description:** • Output speed = 0.97 x engine speed
• Anti-clockwise rotation (same as engine)
• Maximum output torque 800Nm for continuous operation
• Suitable for prolonged operation up to 60 minutes
• Situated on right hand side of gearbox
• Direct pump connection

Propeller Shafts

- Operation:** • Maintenance free

Clutch

- Model:** • F&S MFZ 430
- Description:** • Single-plate controlled electro-pneumatically
• Friction Area 2 000 mm²

Steering

- Model:** • ZF power steering type 8046 130 bar
- Operation:** • Steering column adjustment for height and inclination

Axles & Suspension

- Front:** **Model:** • MAN FM-08 Straight beam front axle with Drum Brake
- Description:** • Axle rating: 7 500 kg
• Trapezoidal 10 leaf springs rating: 7 500 kg
• Progressive spring characteristics
• Shock absorbers and stabiliser fitted as standard
- Rear:** **Model:** • MAN H9-13120 Hub reduction axles
- Description:** • Axle rating: 11 500 kg per axle
• Multi-leaf suspension: 11 500 kg x 2
• Axle ratio: 6.73
• Inter-axle and inter-wheel differential lock
• Stabilizers on both rear axles
• Trapezoidal springs with high load capacity. Suitable for use in difficult terrain

Brake System

- Description:** • Anti lock braking system
• Full air dual circuit brake system
• Air dryer included as standard
• Asbestos-free brake linings
- Configuration:** • Front axle: Drum brakes Ø 410 mm
• Rear axle: Drum brakes Ø 410 mm
• (extra wide 220 mm)
- Aux. brakes:** • EVB (Engine Valve Brake)

Wheels & Tyres

- Tyres:** • **Front:** Standard Size: 315/80R22.5 Tubeless Radial tyre capacity 7 700 kg
• **Rear:** Standard Size: 315/80R22.5 Tubeless Radial tyre capacity 13 400 kg
- Rims:** • **Front:** Steel disc wheels 10-hole 9.00-22.5
• **Rear:** Steel disc wheels 10-hole 9.00-22.5

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Electrical System

- System voltage:** • 24 Volt
- Batteries:** • 2 x 12V 102Ah
- Alternator:** • 28V 80A
- Battery Isolation:** • Mechanical battery main switch
- Horn:** • Single tone
- Standard:** • Digital odometer. Hour meter

Fuel Tank

- Size:** • 335 litre steel round fuel tank
- Position:** • Right hand side of chassis
- Additional:** • Fuel strainer & lockable cap included

Chassis Frame

- Material:** • U section main members of high strength QSTE460TM tempered steel with riveted & bolted cross members
- Dimensions:** • 270 x 85 x 7 mm
- Chassis Design:** • Medium height design with straight front axle and high bogie
- Features:** • Extra ground clearance for on/off road use

Cab features

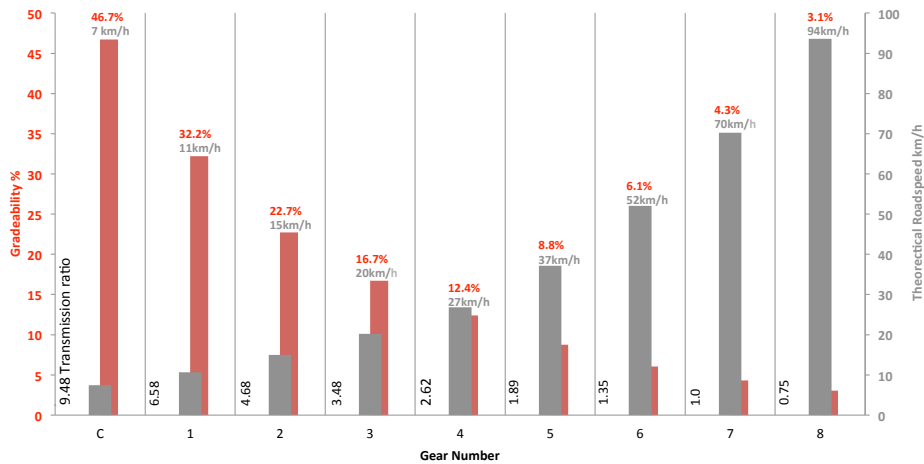
Cab type: Standard M Day Cab

- Suspension:** • Heavy duty coil suspension
- Features:** • Mechanical door window lifters
• Mechanical adjustable rear-view mirrors
• Air sprung high-comfort drivers seat
• Sun shade in front of windscreen
- Corrosion Protect:** • Cab panels fully galvanized
- Bumper:** • Steel bumper

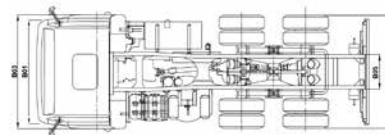
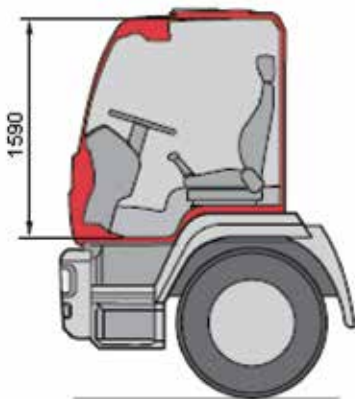
Paint

- Chassis:** • Graphite-Black RAL9011
- Cab:** • Traffic White RAL9016

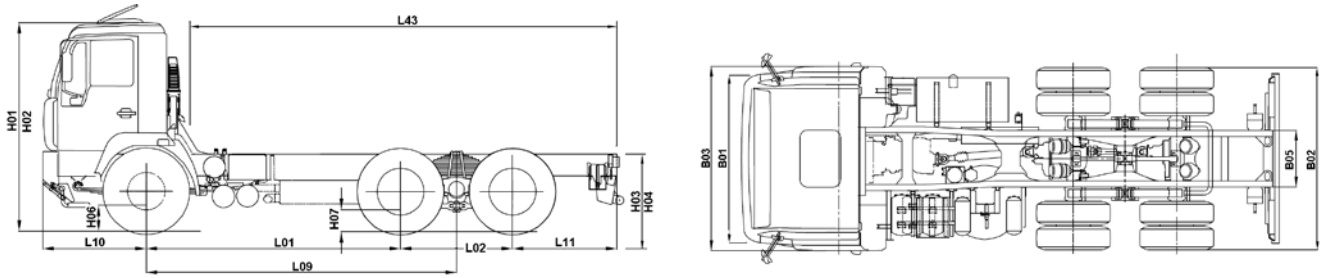
Gradeability on good asphalt road with GVM 26 000kg



Cab Dimensions



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Vehicle	MAN Chassis Type	CLA 6x4	26.280 BB
	Cab Type	Day Cab	Day Cab
Mass Data Combination Mass	GCM		44 000 kg
	D/T		44 000 kg
C.C.C.	Permissible Chassis Carrying Capacity		17 970 kg
Tare Mass	Tare Mass including Spare wheel, Driver & 335 litre Fuel:		7 560 kg
	– Front Axle		3 350 kg
	– Rear Axle		4 210 kg
Manufacturer's Gross Vehicle Mass	GA Front		7 500 kg
	GAU Rear		23 000 kg
	GVM		26 000 kg
Legal Gross Vehicle Mass	A Front		7 500 kg
	AU Rear		18 000 kg
	V – Rating		25 500 kg
Lengths	Wheelbase (centre of front axle to centre of rear axle unit)	L09	3 875 mm
	Rear Axle Spacing	L02	1 400 mm
	Front Overhang	L10	1 293 mm
	Rear Overhang	L11	1 300 mm
	Chassis Length Behind Cab	L43	5 025 mm
	Overall Length		7 257 mm
	Foremost Point of Body From Front Axle		850 mm
	Cab to Rear Axle Centreline	C/A	3 480 mm
Heights	Overall Height Unladen	H01	2 867 mm
	Overall Height Laden	H02	2 827 mm
	Chassis Frame Height Unladen	H03	1 020 mm
	Chassis Frame Height Laden	H04	970 mm
	Ground Clearance Front	H06	270 mm
	Ground Clearance Rear	H07	300 mm
Width	Chassis Cab Width	B03	2 500 mm
	Width Across Rear Tyres	B02	2 460 mm
Turning Circle	Turning circle (m)		18.5 m
	Swept Circle (m)		20.0 m

No spare wheel carrier holder bracket on chassis & weight of spare wheel thus not included.

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