

Renault Midlum 240.18 Heavy 4x2 chassis cabin - NEW

WEIGHTS

Wheelbase		mm	4.100
Maximum Weight (registered)	Total (GVW)	Kg	18000
Payload	(C)	Kg	13028
Kerb Weight	total	Kg	4972
Chassis cab kerb weight	Front axles (Liftable axle down)	Kg	3316
	Rear axles (Liftable axle down)	Kg	1656
Maximum Weight (registered)	Front axle(s)	Kg	7100
	Rear axle(s)	Kg	11500

LENGTHS

Wheelbase		mm	4.100
Body length	Max. (Wmax / BEP L105)	mm	5437
	Min. (Wmin / BEP L105)	mm	5047
Bodywork rear overhang	Max. (Xmax / BEP L017)	mm	1750
	Min. (Xmin / BEP L017)	mm	1360
Centre of Gravity of load	Max. (Ymax / BEP L103)	mm	1164
	Min. (Ymin / BEP L104)	mm	968
Max Overall Length (Z)	(Zmax / BEP L001)	mm	7175
Min Overall Length (Z)	(Zmin / BEP L001)	mm	6785
Cab entry	(B / BEP L102)	mm	413
Wheelbase	(F / BEP L011)	mm	4100
Rear overhang	Chassis (BEP L020)	mm	1555
Overall Chassis Length	(A / BEP L032+L016)	mm	6980
Front Overhang	(H / BEP L016)	mm	1325

HEIGHTS

Wheelbase		mm	4.100
Frame height at drive axle	Unladen (H2 / BEP H037)	mm	1026
	Laden (H2 / BEP H038)	mm	926
Cab height (unladen)	(O)	mm	2860
Ground clearance, laden	Front (U1 / BEP H015)	mm	291
	Rear (U3 / BEP H016)	mm	224

WIDTHS

Wheelbase		mm	4.100
Cab Width at wings	(BEP W002)	mm	2400
Track	Front (V1 / BEP W013.1)	mm	1981
	Rear 1 (V2 / BEP W013.2)	mm	1834
Width at rear wheels	Rear axle 1 (V3 / BEP W003.1)	mm	2471
Frame width	Rear (BEP W036)	mm	850
	Front (BEP W035)	mm	850

OTHER

Wheelbase		mm	4.100
Turning Radius	Overall (BEP W012)	mm	7850

DXi7 ENGINE

Maximum power: 237hp (177 kW) at 2300 rpm.

Maximum torque: 920 Nm from 1200 to 1700 rpm.

6-cylinder in-line diesel engine - 4 valves per cylinder - Timing gear mounted in the rear.

COMMON RAIL high-pressure direct fuel-injection 1700 bars.

Bore 108 mm - stroke 130 mm - capacity 7.2 litres.

Exhaust turbocharged with air/air intercooler.

Rotation : anti-clockwise

Oil capacity : 25.9 l including filtration.

Viscous coupling fan

Antifreeze protection: -25°C.

CEE EURO3 pollution control level.

Soundproofing level complies with EEC standards (80dB)

ENGINE EQUIPMENT

Fast idling control whilst moving (difficult terrain).

Electronic idling control.

Cold starting -15° C.

Without engine Power Take Off.

Electronic speed limiter (90 km/h).

GEARBOX

ZF 9S 1110 TO

9-speed manual gearbox (synchromesh) and 1 reverse gear (9.48 - 0.75).

Super H gear pattern.

SERVOSHIFT gear changing assistance.

Cable-operated gearshift control.

RETARDER

Exhaust brake : up to 130 kW.

POWER TAKE-OFFS

PTO S81 C.

Outlet : hollow splined shaft for flanged pump.

Rotation : opposite to engine

Torque : 800 Nm.

Ratios : 0.97

Position : 16h

STEERING

Hydraulic steering box with variable step-down power assistance.

AXLE

Load capacity (technical max.) Front axle: 7.1 t.

REAR DRIVE AXLE

P11150 Drive axle with single reduction (15X).

Load capacity (technical max.): Rear axle : 11.5 t.

Rear axle hypoid ratio 8 x 36 (ratio 4.5).

Inter wheel differential lock.

WHEELS AND TYRES

G.295/80R22.5 MSSII 5248K-MSDII 524

Twin wheels at the rear.

Grey wheels.

Spare wheel with jack, delivered loose.

BRAKING

Service brake:

Electro-air braking system - two independent circuits, managed by EBS electronics (Electronic Braking System).

All disc braking.

Electronic management of air production by EAC (Electronic Air Control):

Dryer cartridge optimised by preventive maintenance.

Compressor disengagement in engine starting phase.

Twin-cylinder air compressor 225 cm³.

EBS:

- Anti-wheel lock braking system (ABS).
- Emergency braking assistance (AFU).
- Drag torque control (torque control during downshifting).
- Brake harmonisation of tractor and trailer.
- Brake performance warning.

Parking brake:

With air control, immobilisation ensured by spring cylinders.

Brake adjustment:

Automatic brake lining slack compensation.

Emergency brake:

Ensured by independence of main device circuits

CAB

Cab exterior:

All steel Cab, electro-zinc plated and cataphoretic paint treatment.

Day Cab (1.6)

Cab paint colour: WHITE Glacier

Anti-spray deflectors

Steel bumper.

Front protective moulding and wing mirrors: black

Two point mechanical rear cab suspension.

Hydraulic cab tilt (2 cylinders for 4-door double cab).

2 manually adjustable external rear view mirrors.

Mirror arms for bodywork up to 2.55m wide.

Roof-level air intake.

Stepwell lighting.

Tinted and laminated windscreen and windows.

Rear cab window.

Cab interior:

Single compartment stowage 50 litres

Radio pre-equipment including wiring, antenna and loudspeakers.

Adjustable driver's seat with seat belt and headrest.

Adjustable passenger seat with seat belt.

Soft door lining

Oddments tray in doors.

Cab lighting time-delay.

Air blower socket on gearshift console.

Manual integrated air conditioning.

Log-book in Arabic

Steering wheel equipment:

4-spoke steering wheel.

Steering column fingertip controls.

Steering column lock.

2-speed windscreen wipers with incorporated wash jets and intermittent wipe.

Steering column with rake adjustment.

Instrument panel:

Electronic display with :

- Centralised digital road speed display with analogue rev counter
- Radio, outside temperature and clock display (left hand matrix)
- Analogue display of oil level, water temperature and air pressure.
- Operating warning light alert.

Digital display on small rh matrix on supplementary driving information; warnings and diagnostic alerts.

- Anti-glare window.
- Adjustable screen display lighting intensity.

Without tachograph

Removable ashtray and cup holders

Raised engine tunnel.

ELECTRICAL EQUIPMENT

Battery capacity: 140 Ah

24V voltage supplied by two batteries.

Master switch and fuse box in battery tray.

Alternator : 100 amp capacity.

Lighting to EEC standards.

Electrical headlamp levelling control.

Headlamp protection grille.

CHASSIS

Sidemember section of Heavy chassis:

244 x 70 x 7 / 8 mm depending on wheelbase and [suspension.mm](#)

Chassis width: 850 mm

Heavy chassis

Removable front towing cap.

Without front under-run protection (DPEA).

Without rear under-run bar

Chassis rear closing crossmember.

Engine air filter and cartridge.

SUSPENSION

Front suspension

Front parabolic leaf springs.

Front telescopic shock absorbers fixed in front of axis (easier to repair)

Anti-roll bar.

Rear suspension:

Rear reinforced parabolic leaf springs. Anti-roll bar.

Telescopic shock absorbers.

FUEL TANK

Main plastic tank: 200 litres capacity. (168 kg of diesel)

Fuel tank on right side.

Filler cap locking with key

Heavy duty sedimenter and prefilter (R90).Bleed control on dashboard.

STANDARD EQUIPMENT

Side exhaust (outlet outside chassis).

Tool kit.

Reversing warning buzzer, including night switch.

BODYWORK

Standard fastening kit delivered for body mounting and attachment.

Bodywork angle brackets.

Bodybuilder access through bulkhead

Bodybuilder BBM electronic box interface bodybuilder expert functions via CAN bus).