

EUROCARGO

SPECIFICATION SHEET

MLI 80E28



IVECO

EUROCARGO

MLI80E28

CHASSIS

Type: bolted and riveted parallel channel.
Size: 278 x 80 x 7.7 mm external.
Width: 855 mm
Yield strength: 420 MPa.
Heavy-duty front tow hook.

ENGINE

Iveco Tector F4A E28
Type: Turbocharged and intercooled 24-valve four-stroke diesel with high-pressure common-rail electronic injection.
Number of cylinders: 6
Displacement: 5.88 litres
Bore x stroke: 102 x 120 mm
Compression ratio: 17:1
Maximum output: 202 kW (280 hp) @ 2500 rpm
Maximum torque: 930 Nm (689 lb/ft) @ 1250-2100 rpm
Governed speed: 2500 rpm
RAC hp rating: 38.7
Oil capacity: 11.6 litres
Oil change intervals: up to 60,000 km (subject to conditions).
Emissions standard: ADR 80/00

CLUTCH

Type: Single-plate asbestos-free pull type with air over hydraulic assistance.
Diameter: 380 mm
Lining area: 753 cm².

TRANSMISSION

Iveco 2895.9 nine-speed direct-drive synchromesh transmission with double H-pattern.
Crawler gear 13.55:1
1st 9.00:1
2nd 6.55:1
3rd 4.77:1
4th 3.55:1
5th 2.54:1
6th 1.85:1
7th 1.34:1
8th 1.00:1
Reverse 13.16:1
PTO: Positions two.

REAR AXLE

Meritor MS13-165.
Type: Single-reduction fully-floating banjo type.
Differential lock.
Capacity: 11,600 kg.
Ratio: 3.91:1.

FRONT AXLE

Iveco 5871/5
Type: I-beam with oil-filled hubs.
Capacity: 7100 kg

STEERING

Type: Integral power-assisted circulating ball with gear-driven pump and integral reservoir.
Ratio: 22.2 to 26.2
Tilt-adjustable 465 mm diameter steering wheel. Angular 10°.
Vertical 40 mm.

FRONT SUSPENSION

Type: Parabolic.
Parabolic springs with dual-action hydraulic shock absorbers and stabiliser bar fitted.
1714 x 70 x 23 mm two-leaf.

REAR SUSPENSION

Type: Air bag
Quad bellows, rear air bag suspension with dual-action hydraulic shock absorbers and stabiliser bar.
ECAS Electronically Controlled Air Suspension including dual-rear levelling valves.
Remote-control operation complete with memory function.

BRAKES

Type: Full air-brake system with two independent circuits.
432 x 45 mm ventilated front/rear disc brakes complete with twin "actuated" front and rear callipers (asbestos free).
ABS: three-channel system.
Spring-actuated park brake acting on rear wheels.
Exhaust brake (three-mode).
Air dryer.
360 cc air compressor (water cooled).

FUEL SYSTEM

Nominal tank capacity: 280 litres.
Fuel prefilter with water separator fitted to chassis.

ELECTRICAL

Type: 24V negative to earth.
24V-12V converter in cab.
Alternator capacity: 28V, 90 amp.
Starter: 24V, 4.0 kW.
Battery: 2 x 12V 170 Ah.
Automatic battery isolation switch.

WHEELS AND TYRES

Wheels: One-piece steel disc rims.
Stud and pattern: M22, 10 x 335 mm PCD.
Disc size: 22.5" x 8.25".
Tyres: 295/80R22.5 tubeless radial.
Tyre minimum rating: 152/148M.
Spare located on left-hand side.

CAB

Type: Forward-control (MLC) day cab.
Construction: Pressed two-side zinc-coated steel on selected outer panels with Electro-cataphoretic corrosion protection. SMC front panels and fenders.
Four-point cab suspension.
Front: Two coil springs, shock absorbers and torsion bar.
Rear: Two McPherson units with coils springs.
Hydraulic cab tilt to 60°.

Features

Front underrun protection.
External sunvisor.
Lift-up front panel for daily level checks.
Fully-adjustable Isringhausen driver's air-suspension seat with headrest.
Dual bench-passenger seat with fold-down central oddments tray.
2 x lap-sash seat belts for outboard positions, 1 x lap seat belt for centre position.
AM/FM radio CD player (Dealer fitment).
90-degree opening doors
Stowage compartment in overhead console, both doors and rear cab wall.
2-speed wipers with intermittent control.
Courtesy and map lamps.
Electric horn.
12-volt power socket (10 amp).
Electrically operated drive and passenger side windows.

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Aerodynamic, remote-control heated mirrors with a flat mirror on the right-hand side, a convex, spotter and over-the-kerb mirror on the left-hand side.

Air conditioning.
Cruise control.

Optional (1): (MLL) sleeper cabin.

ADR-compliant, fully-finished sleeper cab with mattress, curtains, reading lamp, roof hatch and one internal and one external locker.
Bunk dimensions: 1900 x 605 x 95 mm.

Optional (2): (MLL) medium-roof sleeper cabin (665 mm additional internal height).

ADR-compliant, fully-finished aerodynamic sleeper cab with mattress, curtains, reading lamp, electric roof hatch, single fixed passenger seat, insulated food container and additional open/closed storage compartments.

Mid-level bunk dimensions: 1900 x (600 + 150*) x 115 mm.

*With seats folded forward and bunk fully extended.

Instrumentation

Electronic anti-glare instrument panel.

Gauges: Speedometer, odometer with trip meter, tachometer; water temperature, fuel level, oil pressure and air pressure.

Warning lamps: Power-steering circuit failure, front and rear brake wear, high water temperature, air-cleaner restriction, cab unlatched, low alternator charge, high beam, exterior lights on, hazard warning lights on, low oil pressure, reserve fuel, park brake on, water in pre-filter, brake system failure.

LCD information panel: System diagnostics, lighting system check, programmable maintenance scheduling, digital clock, trip 1&2 computer, fuel consumption indicator, status and driver actuation information and ambient temperature.

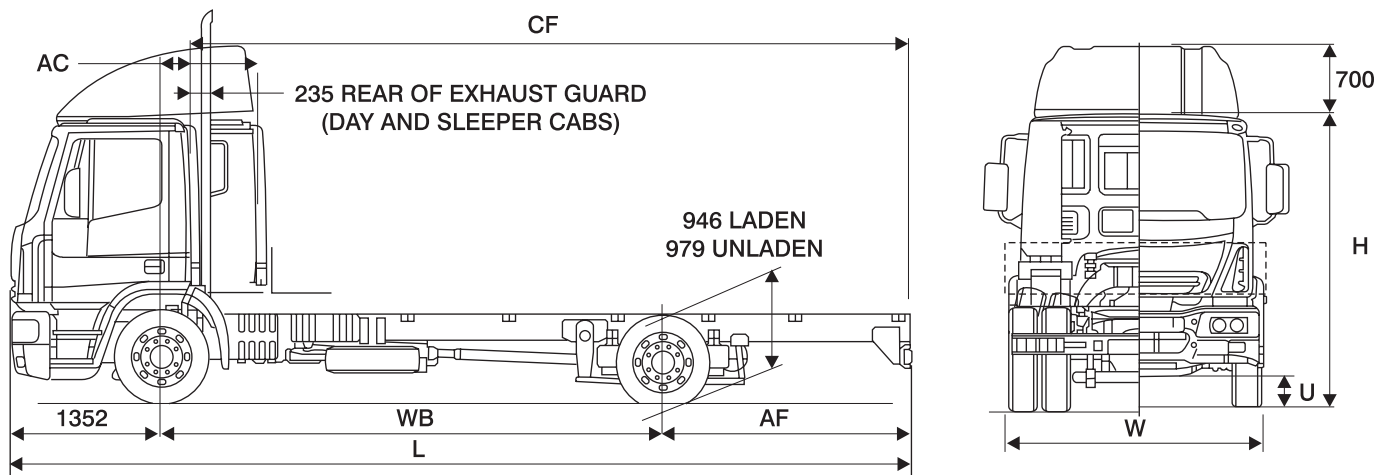
CHASSIS DIMENSIONS (All dimensions in mm)

Cab	Day	Sleeper
H	2830	2830
W	2470	2470
WB	6570	6570
AF	2775	2775
CA	6305	5725
CF	9080	8500
AC	265	845
L	10635	10635
Turning circle#	21900	21900
U	232	232

#Wall-to-wall.

RATED SPEED (E28 engine)

Engine rpm @ 100kph	2052rpm
Geared speed	121kph



AVAILABLE CONFIGURATIONS

	Engine	Trans	W/base	Cabin	Suspension		ABS	Model Code
					Front	Rear		
ML180E28P	280 hp	9-speed	6570 mm	MLC day	Parabolic	Airbag	3-channel	AITM02 BA06
ML180E28P	280 hp	9-speed	6570 mm	MLL sleeper	Parabolic	Airbag	3-channel	AITM02 BB11
ML180E28P	280 hp	9-speed	6570 mm	MLL mid-roof sleeper	Parabolic	Airbag	3-channel	AITM02 BB12

EUROCARGO TARE WEIGHTS

	Cab	Wheelbase	Front tare	Rear tare	Total tare	GVM	GCM
ML180E28P	Day	6570 mm	3541 kg	2191 kg	5732 kg	16000kg*	32500kg
ML180E28P	Sleeper	6570 mm	3645 kg	2218 kg	5863 kg	16000kg*	32500kg
ML180E24P	Midroof	6570 mm	3719 kg	2188 kg	5907 kg	16000kg*	32500kg

All weights with oil, coolant, spare wheel and tyre but not fuel. Subject to manufacturer's tolerance of + or -2%.

*18000kg GVM available on evidence of application for the vehicle to be used for volumetric loading.



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Important

The illustrations and specifications ("material") in this brochure were correct at the time of publication but are subject to change without notice. The material is provided by way of general description only and all measurements and specifications should be regarded as approximate. Availability of vehicles and all other items referred to in this brochure will depend on local and overseas supply conditions from time to time. Accordingly, before placing an order you should consult your nearest authorised Iveco dealer to obtain accurate and up-to-date information on models specifications, features, availability and prices.

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