

EUROCARGO

SPECIFICATION SHEET

ML225E28



IVECO

EUROCARGO

ML225E28

CHASSIS

Type: bolted and riveted parallel channel.
Size: 253 x 70 x 7.7 mm external (6.57 m wheelbase).
Width: 850 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.

FRONT AXLE

Iveco 5860
Type: I-beam with oil-filled hubs.
Capacity: 6,100 kg

REAR AXLE

Meritor MS10-164.
Type: Single-reduction fully-floating banjo type.
Differential lock.
Capacity: 10,900 kg
Ratio: 3.42:1

TRAILING AXLE

FKH7016
Capacity: 10,900 kg

STEERING

Type: Integral power-assisted circulating ball with gear-driven pump and integral reservoir.
Ratio: 20.4
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.

REAR SUSPENSION

Type: Air bag
Two 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.
377 x 45 mm ventilated front/rear disc brakes with floating calipers (asbestos free).
ABS: Four-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, 8 x 275 mm PCD.
Disc size: 19.5" x 8.25".
Tyres: 305/70R19.5 tubeless radial.
Tyre minimum rating: 147/145L.
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.

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2-speed wipers with intermittent control.

Courtesy and map lamps.

Electric horn.

12-volt power socket (10 amp).

Electrically operated driver and passenger side windows.

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

(665mm 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.

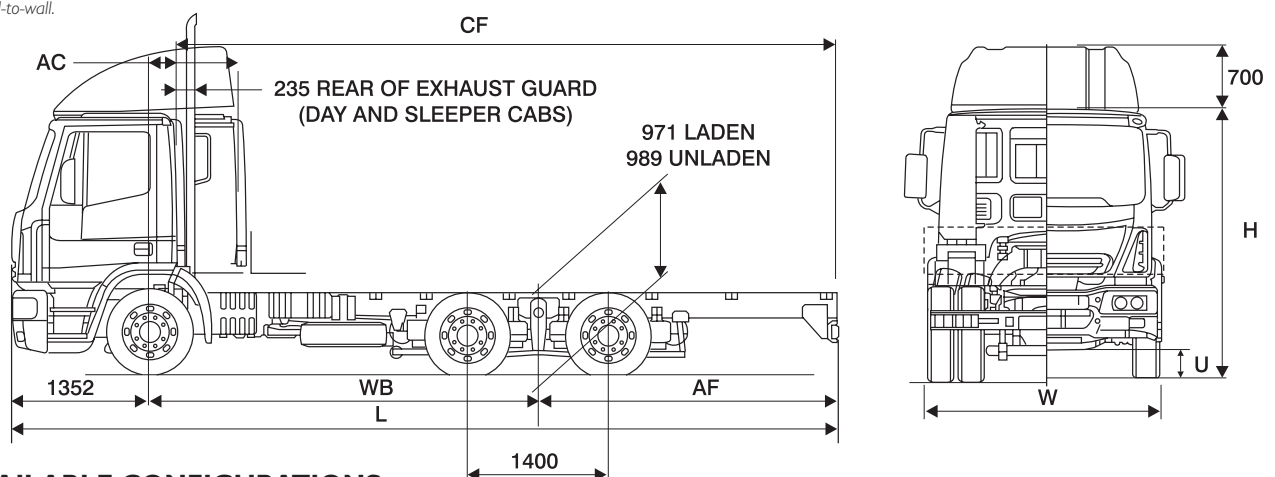
RATED SPEED (E28 engine)

Engine rpm @ 100kph	2052rpm
Geared speed	121kph

CHASSIS DIMENSIONS (All dimensions in mm)

Cab	Day	Sleeper	Mid Roof Sleeper	Sleeper	Mid Roof Sleeper
WB	5870	5870	5870	6540	6540
H	2745	2245	3445	2245	3445
W	2466	2466	2466	2466	2466
AF	3460	3460	3460	3550	3550
CF	9065	8485	8485	9245	9245
AC	265	845	845	845	845
L	10682	10682	10682	11442	11442
Turning circle#	20.17	20.17	20.17	22.47	22.47
U	176	176	176	176	176

#Wall-to-wall.



AVAILABLE CONFIGURATIONS

	W/base	Cabin	Suspension		Model Code
			Front	Rear	
Day	5870 mm	MLC day	Parabolic	Airbag	E2FM02 BA06
Sleeper	5870 mm	MLL sleeper	Parabolic	Airbag	E2FM02 BB06
Mid Roof	5870 mm	MLL mid-roof sleeper	Parabolic	Airbag	E2FM02 BB07
Sleeper	6540 mm	MLL sleeper	Parabolic	Airbag	E2FM02 BBA6
Mid Roof	6540 mm	MLL mid-roof sleeper	Parabolic	Airbag	E2FM02 BBA7

EUROCARGO TARE WEIGHTS

	Cab	Wheelbase	Front tare	Rear tare	Total tare	GVM
ML225E28FP	Day	5870 mm	2830 kg	2958 kg	5788 kg	22500 kg
ML225E28FP	Sleeper	5870 mm	3010 kg	3174 kg	6184 kg	22500 kg
ML225E28FP	Mid Roof	5870 mm	3084 kg	3174 kg	6258 kg	22500 kg
ML225E28FP	Sleeper	6540 mm	3297 kg	2959 kg	6256 kg	22500 kg
ML225E28FP	Mid Roof	6540 mm	3371 kg	2959 kg	6330 kg	22500 kg

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



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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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