

# EUROCARGO

SPECIFICATION SHEET

ML100E21



# IVECO

## CHASSIS

Type: bolted and riveted parallel channel.  
Size: 205 x 65 x 5 mm external.  
Width: 850 mm.  
Yield strength: 420 MPa.  
Heavy-duty front tow hook.

## ENGINE

Iveco Tector F4A E21.  
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: 154 kW (210 hp) @ 2700 rpm.  
Maximum torque: 680 Nm (500 lb/ft) @ 1200-2100 rpm.  
Governed speed: 2700 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: 350 mm.  
Lining area: 582 cm<sup>2</sup>.

## TRANSMISSION

Iveco 2865.6 six-speed, direct-drive synchromesh transmission.

1st	9.00:1
2nd	5.01:1
3rd	3.21:1
4th	2.07:1
5th	1.37:1
6th	1.00:1
Reverse	8.17:1

PTO positions: 2

## REAR AXLE

Iveco 4521  
Type: Single-reduction fully-floating banjo type.  
Differential lock.  
Capacity: 6800 kg  
Ratio: 3.38:1

## FRONT AXLE

Iveco 5833  
Type: I-beam with oil-filled hubs.  
Capacity: 3600 kg

## STEERING

Type: Integral power-assisted circulating ball with gear-driven pump and integral reservoir.  
Ratio: 15.2  
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.  
Optional Air bag  
Two bellows, front air suspension with dual-action hydraulic shock absorbers and stabiliser bar.

## REAR SUSPENSION

Type: Air bag  
Two 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: Air-over-hydraulic system with two independent circuits.  
322 x 30 mm ventilated front/rear disc brakes with two actuator front calipers (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: 180 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 110 Ah.  
Automatic battery isolation switch.

## WHEELS AND TYRES

Wheels: One-piece steel disc rims.  
Stud and pattern: M20, 8 x 275 mm PCD.  
Disc size: 17.5" x 6.0".  
Tyres: Michelin 9.5R17.5 tubeless radial.  
Tyre minimum rating: 129/127L.  
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.

# EUROCARGO

ML100E21

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 (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 × 605 × 95 mm.

## 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.

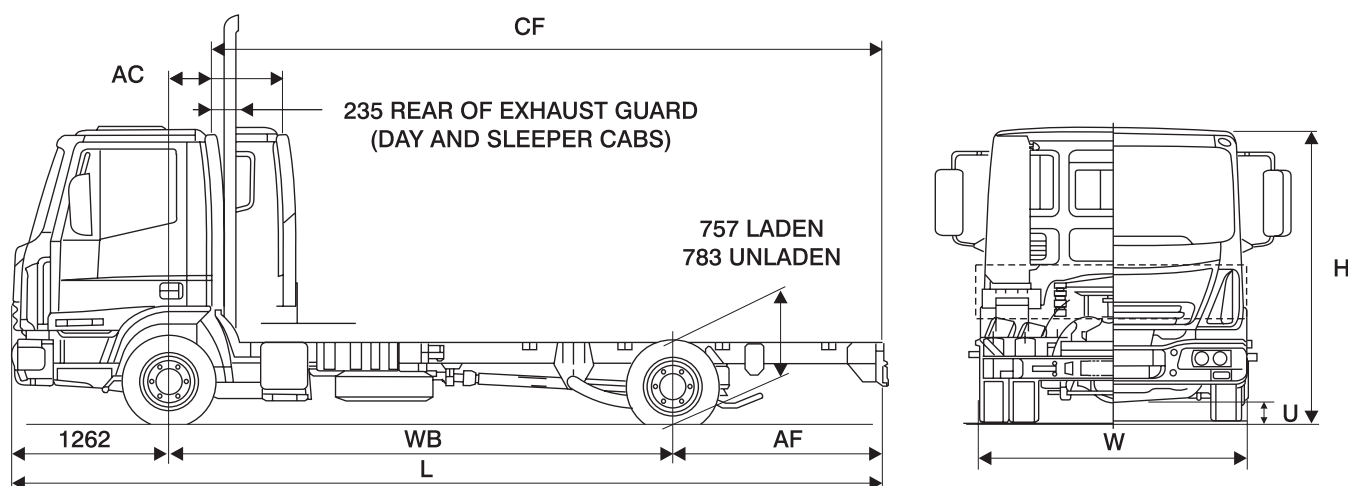
## CHASSIS DIMENSIONS (All dimensions in mm)

Cab	Day	Sleeper
H	2590	2590
W	2197	2197
WB	4815	4815
AF	2505	2505
CF	7055	6475
AC	355	935
L	8520	8520
Turning circle#	16300	16300
U	189	189

#Wall-to-wall.

## RATED SPEED (E21 engine)

Engine rpm @ 100kph	2197rpm
Geared speed	122kph



## AVAILABLE CONFIGURATIONS

	Engine	Trans	W/base	Cabin	Suspension		Model Code
					Front	Rear	
ML100E21P	210 hp	6-speed	4815 mm	MLC day	Parabolic	Airbag	A1AF12 7A07
ML100E21FP	210 hp	6-speed	4815 mm	MLC day	Airbag	Airbag	A1AF12 7AA6
ML100E21FPP	210 hp	6-speed	4815 mm	MLL sleeper	Airbag	Airbag	A1AF12 7B08

## EUROCARGO TARE WEIGHTS

	Cab	Wheelbase	Front tare	Rear tare	Total tare	GVM	GCM
ML100E21P	Day	4815 mm	2556 kg	1108 kg	3664 kg	10400kg	16000kg
ML100E21FP	Day	4815 mm	2616 kg	1098 kg	3714 kg	10400kg	16000kg
ML100E21FPP	Sleeper	4815 mm	2743 kg	1121 kg	3864 kg	10400kg	16000kg

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



## ML100E21

### 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.

## IVECO

### Iveco Trucks Australia Limited

ABN 86 004 065 061

Princes Hwy,  
Dandenong Victoria 3175

[www.iveco.com.au](http://www.iveco.com.au)

email: [iveco@iveco.com.au](mailto:iveco@iveco.com.au)

The information in this literature is intended to be of general nature only. Iveco reserves the right to modify or change specifications at any time. For more detailed information refer to your dealer.