

## 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 E25  
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: 220 kW (299 hp) @ 2,500 rpm  
Maximum torque: 1,050 Nm (775 lb/ft) @ 1,250-2,000 rpm.  
Governed speed: 2,500 rpm.  
RAC hp rating: 38.7.  
Oil capacity: 11.6 litres.  
SCR - Selective Catalytic Reduction.  
Emissions standard: EURO 4.

## CLUTCH

Type: Single-plate asbestos-free pull type with air over hydraulic assistance.  
Diameter: 400 mm.  
Lining area: 753 cm<sup>2</sup>.

## TRANSMISSION

Eaton FS 8309A nine-speed direct-drive synchromesh transmission with dash mounted cable gear shift, H over H shift pattern.

Crawler gear	12.57:1
1st	8.76:1
2nd	6.52:1
3rd	4.74:1
4th	3.53:1
5th	2.48:1
6th	1.85:1
7th	1.34:1
8th	1.00:1
Reverse	13.14:1

PTO: Positions two.

## REAR AXLE

Meritor MS13-165.  
Type: Single-reduction fully-floating banjo type.  
Differential lock.  
Capacity: 12,000 kg.  
Ratio: 3.91:1.

## FRONT AXLE

IVECO 5871/5  
Type: I-beam with oil-filled hubs.  
Capacity: 7,500 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

Full air-brake system with two independent circuits.  
432 x 45 mm ventilated front/rear disc brakes complete with twin "actuated" front and rear 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.  
Ad Blue Tank: 25 litres.

## ELECTRICAL

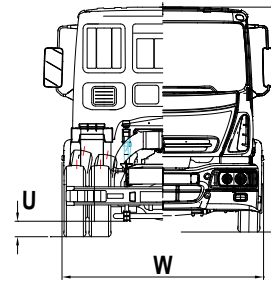
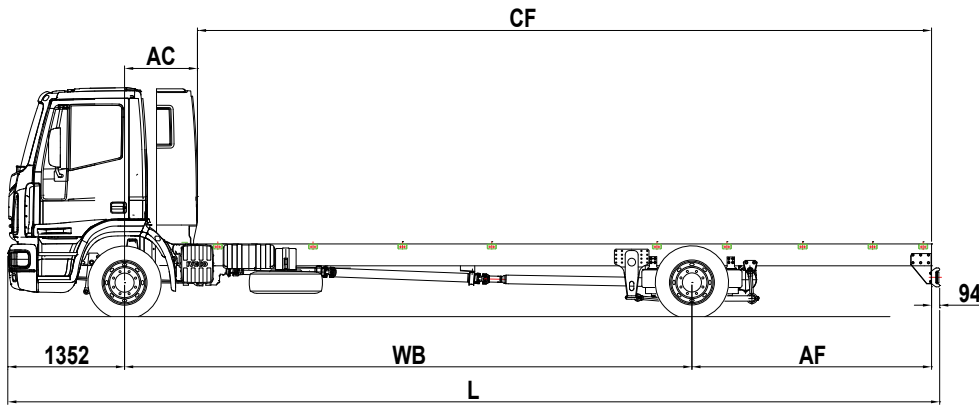
Type: 24V negative to earth.  
24V-12V converter in cab.  
Alternator capacity: 28V, 90 amp.  
Starter: 24V, 4.0 kW.  
Battery: 2 x 12V 170 Ah.  
Automatic battery isolation switch.

## 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: MLC Sleeper.  
Construction: Pressed two-side zinc-coated steel on selected outer panels with Electro-cataphoretic corrosion protection. SMC front panels and fenders.  
Cab Colour Bumper.  
Four-point cab suspension.  
Front: Two coil springs, shock absorbers and torsion bar.  
Rear: Two units with coils springs.  
Hydraulic cab tilt to 60°.



## FEATURES

Front underrun protection.  
 External sunvisor.  
 Lift-up front panel for daily 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.  
 Blaupunkt AM/FM radio CD player.  
 90-degree opening doors.  
 Remote Central Locking.  
 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.  
 Aerodynamic, remote-control heated mirrors with a convex, spotter and over-the-kerb mirror on the left-hand side.  
 Air conditioning.  
 Cruise control.  
 (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.

## 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 (Dimensions in mm)

Cab	Sleeper
H	2831
W	2435
WB	6570
AF	2775
CA	5725
CF	8500
AC	845
L	10791
Turning circle#	22110
U	154

\*Wall-to-wall

## RATED SPEED (E25 Engine)

Engine rpm @ 100kph	1994rpm
Geared speed	125kph

## EUROCARGO TARE WEIGHTS

	MLL180E25P
Cab	Sleeper
Wheelbase	6570mm
Front Tare	3810kg
Rear Tare	2135kg
Total Tare	5945kg
GVM	16000kg
GCM	23000kg

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.

## IVECO Trucks Australia Limited

A.B.N. 86 004 065 061  
 Princes Hwy, Dandenong, Victoria 3175  
 P.O. Box 117 Dandenong, Victoria 3175  
 Telephone: (03) 9238 2200  
 Facsimile: (03) 9238 2387  
[www.iveco.com.au](http://www.iveco.com.au)

Eurocargo Spec Sheet (MAY 2009)

EUROCARGO

ML180E25  
 SPECIFICATIONS

IVECO