

**EUROCARGO 4x4**  
**NO ROAD – NO PROBLEM**



**MLI50E28W**

**IVECO**

Your partner for sustainable transport



# EURO CARGO 4X4

## SPECIFICATIONS ML I 50E28W 4X4

### CHASSIS DIMENSIONS (mm)

CAB	SLEEPER	DAY	SLEEPER	DAY
H	3003	3003	3003	3003
W	2450	2450	2450	2450
WB	3915	3915	4150	4150
AF	1358	1358	1935	1935
CF	4288	4633	5100	5445
AC	985	640	985	640
L	6665	6665	7477	7477
Turning circle*	16720	16720	17540	17540
U	337	337	337	337

\*Wall-to-wall.

### EURO CARGO TARE WEIGHTS

ML I 50E28W				
CAB	SLEEPER	DAY	SLEEPER	DAY
Wheelbase	3915mm	3915mm	4150mm	4150mm
Front Tare	3810kg	3700kg	3990kg	3880kg
Rear Tare	1975kg	1955kg	2080kg	2060kg
Total Tare	5785kg	5655kg	6070kg	5940kg
GVM	15000kg	15000kg	15000kg	15000kg
GCM*	15000kg	15000kg	15000kg	15000kg

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

\*Higher GCM based on Application Approval and fitment of drawbar pack.

### 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 120mm

**Compression ratio:** 17:1

**Maximum output:** 205 kW (279 hp) @ 2,700 rpm

**Maximum torque:** 950 Nm (700 lb/ft) @ 1,250-2,100 rpm

**Governed speed:** 2,500 rpm

**RAC hp rating:** 38.7

**Oil capacity:** 11.6 litres

SCR - Selective Catalytic Reduction

**Emissions standard:** EURO 5

### TRANSMISSION

Eaton ZF 6S-1000 six-speed manual synchromesh transmission cable gear shift

**1st** 6.75:1, **2nd** 3.60:1, **3rd** 2.12:1, **4th** 1.39:1, **5th** 1.00:1, **6th** 0.78:1, **Reverse** 6.06:1

### CLUTCH

**Type:** Single-plate asbestos-free push type with mechanical over hydraulic assistance

**Diameter:** 395mm

**Lining area:** 773cm<sup>2</sup>

### FRONT AXLE

IVECO 5956 – **Type:** Hub reduction wide track drive axle with differential lock, **Capacity:** 5,700kg

### REAR AXLE

IVECO 451146/1 – **Type:** Hub reduction drive axle with differential lock, **Capacity:** 10,000kg **Ratio:** 5.72:1

### FRONT SUSPENSION

**Type:** Multileaf

Multileaf springs with dual-action hydraulic shock absorbers and anti-roll bar fitted

### REAR SUSPENSION

**Type:** Multileaf

Multileaf springs with dual-action hydraulic shock absorbers and anti-roll bar

### TRANSFER CASE

IVECO TC 850

**Low speed ratio:** 1.94:1

**High speed ratio:** 0.99:1, With differential lock

**Torque split front:** 33%

**Torque split rear:** 67%

### CHASSIS

**Type:** Bolted and riveted parallel channel. **Size:** 252 x 70 x 6mm external. **Width:** 852mm.

**Yield strength:** 490 MPa. Heavy-duty front tow hook

### BRAKES

Full air-brake system with two independent circuits, 381 x 178mm drum brakes, **ABS:** Four-channel system (ABS6), Spring-actuated park brake acting on rear wheels, Exhaust brake (three mode), Air dryer, 360 cc air compressor (water cooled)

### STEERING

**Type:** Integral power-assisted circulating ball with gear-driven pump and integral reservoir

**Ratio:** 20:4

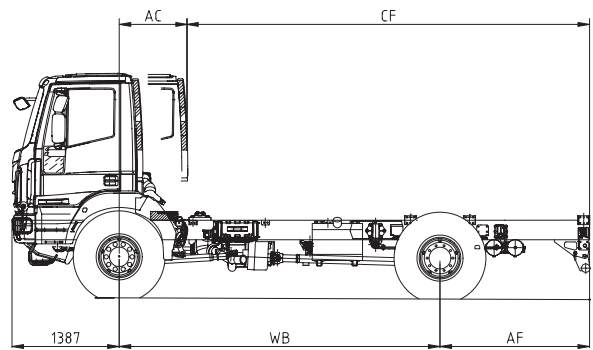
Tilt-adjustable 470mm diameter steering wheel. Angular 17°, Vertical 50mm

### FUEL SYSTEM

**Nominal tank capacity:** 200 litres with locking fuel cap

Fuel prefilter with water separator fitted to chassis. 180 litres with 4150mm wheelbase

**Ad Blue Tank:** 25 litres, with locking cap



### 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 275mm PCD

**Disc size:** 22.5" x 7.5"

**Tyres:** 11R22.5 tubeless radial

**Option:** 395/80R22.5 single tyres all round, mounted on 20" x 10"

one piece steel disc wheels – 90km/h speed limited

**Tyre minimum rating:** 146/143

### CAB

**Type:** Forward-control (MLC) day cab

**Construction:** Pressed two-side zinc-coated steel on selected outer panels with electro-cataphoretic corrosion protection. PP front panels and fenders

Steel front 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

- External sunvisor
- Lift-up front panel for daily level checks
- Fully-adjustable Isringhausen driver's air-suspension seat with headrest and armrest
- 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
- 90-degree opening doors
- Remote central locking and desmodromic type keys
- Stowage compartment in overhead console, both doors and rear cab wall
- 2-speed wipers with intermittent control
- Courtesy and map lamps
- Electric horn
- 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
- Option 1
  - (MLL) Sleeper cabin
  - ADR-compliant, fully-finished sleeper cab with bunk (option to remove), curtains, reading lamp, roof hatch and one internal and two external lockers
  - Bunk dimensions: 1900 x 605 x 95mm

### 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, area level indicator, programmable maintenance scheduling, digital clock, trip 1&2 computer, fuel consumption indicator, status and driver actuation information and ambient temperature.

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