



## Expedition vehicle EX Iveco Daily 4x4



## Chassis

- Iveco Daily 4x4 55 S 18 W
- Compact cab
- Wheel base 3400 mm (134")
- Engine performance 130 kW / 176 hp, Euro 4
- Cruise control
- Manual 6-speed transmission
- Transfer case with off-road gear reduction
- Permanent all wheel drive with engageable central differential lock
- Differential lock in front and rear axle
- Parabolic leaf springs
- Rear drum brakes
- Front disk brakes
- Tires 255/100 R 16 tuneless
- 2 chamber fuel tanks, capacity 285 liters (75 US gallons)
- Heated fuel prefilter with water separator
- Aluminum roof rack with platform for spare wheel
- 2 working lights sideways
- Light guards front and rear
- Radiator and oil pan guard
- Suspended driver seat, heated
- 3 seats
- Integrated air conditioning
- Auxiliary heating
- Back eye camera
- Alarm system and power locks with remote control
- Immobilizer

## Body

### Outer dimensions of the cabin

- Length 3700 mm (146"), width 2120 mm (83.5"), height 2105 mm (82.9")

### Inner dimension of the cabin

- Length 3580 mm (141"), width 2000 mm (79"), height 1950 mm (77")

### Frame assembly

- 3-point kinematic attachment with main and flex mounts for stress-free body coupling to the torsion elastic chassis frame

### Body unit construction

- Self supporting UNICAT sandwich plate panels of fiberglass composite
- Panel connections made by adhesive bond to custom extrusions eliminates metallic heat conduction paths
- Matched thermal coefficients of expansion prevent distortion with changes in temperature
- Wall thickness 60 mm (2.36") with polyurethane foam insulation, 3 mm (0.12") fiberglass reinforced polyester outer surface, 2 mm (0.08") fiberglass reinforced polyester inner surface
- Insulation rating 0.44 W/sqm K (0.078 btu/ft h degF)
- Bottom panel with integrated welded steel frame and surfaces of fiberglass reinforced polyester
- Slope at rear to improve slope angle
- Slanted front of body for better aerodynamics and appearance

### Entrance door and storage compartment doors

- Entrance door and storage compartment door constructed of fiberglass composite panels and frames
- Thickness of doors 60 mm (2.36")
- Double sealed doors with heavy duty locks with seal compression
- Stainless steel hinges throughout
- Additional retractable bolts at top and bottom of entrance door
- Safety cylinder locks all keyed alike

### **Windows**

- Burglarproof, scratchproof top-hinged windows with fiberglass frames
- Double insulated thermal window glass
- Double seals with heavy duty lock
- Stainless steel hinges throughout
- Stainless steel lifting and locking device
- Aluminum-frame black-out and mosquito blinds
- Fixed windows in the front

### **Skylights**

- Seitz lift-tilt-roof-hatch above kitchen and bathroom

## **Interior layout**

### **Seating area**

- Seating area for 2-4 persons on pedestal in the front of the cabin
- Swiveling, lowerable table
- Seating unit converts to additional bed (1100 x 2000 mm)

### **Bed**

- Bunk beds with suspension, ventilation, heating and comfortable mattress in the rear
- Size: 800 x 2000 mm (31" x 79")

### **Sanitary room**

- Combined shower and toilet room with door to isolate from living area
- Column with swiveling wash basin
- Wall cupboard with mirror

### **Kitchen**

- Countertop with integrated stainless steel sink
- LPG 3-flame stove with LPG oven
- 85 liters (22 US gallons) fridge with freezer rated 3 stars
- Kitchen cabinet with drawers on ball bearings
- Shock-proof separation for tableware, cookware and kitchen appliances
- Overhead cupboards above kitchen

### **Storage**

- Large wardrobe with drawers and clothes rail
- Storage boxes in seating area
- Outside storage compartment under the bed
- Aluminum exterior storage boxes

### **Workmanship**

- All furniture is built to the highest cabinet making standard, made of wood core plywood using heavy duty locks and hinges
- White surfaces and teak edges

### **Lay out**

- Teak floor
- Walls and ceiling are painted with multiple coats
- Upholstery made of ALCANTARA

## **Technical equipment**

### **Electrical equipment**

- Control panel for power management and monitoring of liquid levels
- Battery main switch, fault current breaker, safety cut out
- DC power supplied by AGM battery bank
- Battery capacity: 12 V – 420 Ah
- Charged by vehicle's alternator with charge distributor
- Inverter / Charger 230 V AC, continuous output 1.3 kW, peak output 3 kW, charge rate 70 A
- Power plugs for 12 V DC and 230 V AC
- Solar power system 12 V – 520 W

### **Music system**

- Stereo music system with CD player and MP3 / I-Pod input
- Speakers in the seating area

### **Lighting**

- LED ceiling lights above the table, kitchen, corridor and shower
- Reading lights in bed and seating area
- Lights for outside storage compartment

### **Water supply**

- 360 liters (95US gallons) freeze-proof drinking water tanks
- 20 liters (5.3 US gallons) hot water heat-exchanger and auxiliary electric heater
- All plumbing is insulated to prevent freezing
- Waste water tank, capacity 80 liters (21 US gallons), freeze-proof
- Outside shower
- Water filtration system

### **LPG supply**

- 20 liters LPG tank

### **Toilet**

- Dometic porcelain toilet with water flushing
- Removable rollable sewage cassette tank, capacity 19 liters (5 US gallons)

### **Heating system**

- Diesel powered warm water central heating with engine preheating and drivers cab preheating system
- Connection of heating system with the engine cooling system
- High radiant heat share due to radiators in living area and sanitary room
- Towel dryer type radiator, mounted in the shower
- Additional heater in bed area

### **Others**

- Mounting for 6 plastic sand ladders
- Lashing rails on roof top
- Lashing and tie-down rings for rescue or shipping

## **Weight and measures**

- **Weight**

GVWR: 13,000 lbs (5,900 kg)

- **Dimensions**

Length 6163 mm (243"), width 2120 mm (83"), height 3230 mm (127")







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