



## Expedition vehicle EX63-HDM / MAN TGA 6x6



**Opportunity ...** The ideal vehicle to make your dream of a world trip become true!  
Optimal for 2-4 people.

Safe 2 years of design, construction and testing. Built to the exacting standards of the world-class UNICAT engineering team, this "Home on Wheels" is ready for your occupancy.

You do not need to be an experienced expedition traveler. We make you familiar with your new home and join you as long as you want.

## Chassis

- MAN TGA 6x6
- Extended cab
- Wheel base 4500 mm (177") + 1400 mm (55")
- Engine performance 353 kW / 480 hp, Euro 3 with PM-Kat
- Gearbox ZF 12 „MAN Tip-Matic“
- All wheel drive with central differential lock
- Differential lock in front and rear axle
- Parabolic leaf springs
- Drum brakes with ABS
- Tires 14.00 R 20 Michelin XZL tubeless
- Manual tire inflation system
- 2 chamber fuel tanks, capacity 840 liters (222 US gallons)
- Fuel prefilter with water separator
- Roof rack with branch guard
- Additional Xenon high-beam lights
- 2 working lights sideways
- Truck horns
- 2 air suspended seats
- 2 additional Emergency seats, convertible to bed
- Integrated air conditioning
- Back eye camera
- Alarm system with electronic immobilizer
- Satellite navigation (GPS)

## Body

### Outer dimensions of the cabin

- Length 6316 mm (249"), width 2480 mm (98"), height 2115 mm (83")

### Inner dimension of the cabin

- Length 6196 mm (245"), width 2360 mm (93"), height 1960 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

### Access to drivers cab

- Highly flexible waterproof bellows coupling
- Access closable with sliding door

### **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
- Black-outs and mosquito blinds

### **Skylights**

- 2 Skylights above the bed and seating area

### **Lifting roof**

- UNICAT - lifting roof with electric drive mechanism
- Well insulated, expedition proven and maintenance free

### **Stairs**

- Electric swing-out entrance stairs

## Interior layout

### Seating area

- U-shaped seating unit with swiveling table on pedestal in the rear of the cabin
- Electrically lowerable table
- Seating unit converts to additional double bed

### Office

- Desk for PC, monitor and printer
- Chair for work place

### Beds

- Double bed with comfortable mattresses in lifting roof area, 180 x 200cm (71" x 79")

### Sanitary room

- Separate shower and toilet rooms with glass doors to isolate from living area
- Cupboard with integrated wash basin
- Wall cupboard with mirror above the basin
- Also usable as dry storage due to its own radiator

### Kitchen

- Varicor countertop with integrated sink
- LPG 3-flame stove with oven
- 2x 120 liters (2x 32 US gallons) fridge with freezer rated 3 stars
- Kitchen cabinet with drawers on ball bearings
- Shock-proof separation for tableware, cookware and kitchen appliances
- Espresso maker
- Pull-out cutting board

### **Storage**

- 2 large wardrobes with drawers
- Storage space with drawers in seating benches
- Large outside storage compartments
- 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

### **Lay out**

- Beech parquet flooring
- Walls and ceiling are painted with multiple coats, white color
- Upholstery made of blue leather

## **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: 24 V – 765 Ah
- Alternator with automatic I-U regulator, charge rate: 28 V – 110 A
- AC-DC charger: 28 V – 100 A
- Inverter 230 V AC, continuous output 6 kW
- International shore power connectors 90 -260 V AC (45 Hz-65 Hz)
- Power plugs for 12V, 24V DC and 230V AC
- Solar power system

### **Generator**

- Water-cooled Fischer-Panda diesel generator with 2-cylinder diesel engine
- Performance: 5.5 kW / 6.9 kVA
- Radiator for hot climates, with post-cooling
- Pressurized cabinet

### **Music system**

- Music installation with CD-changer
- Sound system
- DVD player

### **Lighting**

- Low voltage XELOGEN ceiling lights above the table, kitchen, bed, corridor, bath and shower
- Reading lights in bed and seating area
- Lights for outside storage compartment
- Maglite flashlight with charger bracket

### **Water supply**

- 720 liters (190 US gallons) freeze-proof drinking water tanks
- 40 liters (10.6 US gallons) hot water heat-exchanger with auxiliary electric heater
- All plumbing is insulated to prevent freezing
- Waste water tank, capacity 150 liters (40 US gallons), freeze-proof
- City water connector
- Outside shower
- Water filtration system

### **LPG supply**

- 2x 11 kg LPG bottle with remote switch
- Gas-alarm system with automatic cut-off

### **Toilet**

- Sealand porcelain toilet with water flushing
- Freeze-proof sewage holding tank, capacity 110 liters (29 US gallons)

### **Heating system**

- Diesel powered warm water central heating (2x 9kW) (2x 30,700 btu) with engine preheating system and drivers cab preheating system
- High radiant heat share due to radiators in living area and sanitary rooms
- Antifrost system

### **Others**

- Integrated air conditioner, performance 4 kW (13,660 btu), powered by the generator or shore power
- Central vacuum cleaner
- Omnistor awning
- Loading platform for spare wheel, 2 motorbikes and 2 jerry cans and 4 sand ladders

## General information

### Weight and measures

- GVWR: 19,990 kg (44,070 lbs)
- Dimensions: L 8813 mm (347"), W 2480 mm (98"), H 3850 mm (152")
- Additional length of motorbike rack: 1400 mm (55")

### General condition

- Year of manufacture: End of 2005
- Mileage: approx. 35,000 mls ( 57,000 km)
- Very good condition, very well looked-after
- Available for your immediate use

### Price

- List price for new vehicle 1,065,000 Euro incl. 19% VAT
- **Asking price: 695,000 Euro**
- Selling on customers order



























