

# Ovni 400





**VERSION 111 – STANDARD**  
2 Cabins, 1 aft Head, 1 Toilet



**VERSION 114 – OPTION**  
2 Cabins, 2 Heads, 1 Toilet



**VERSION 214 – OPTION**  
3 Cabins, 2 Heads



**VERSION 213 – OPTION**  
4 Cabins, 1 Head

# Standard DESCRIPTION and INVENTORY OVNI 400

## Version 111: 2 Cabins + 1 large aft Head with separate shower

### I. GENERAL SPECIFICATIONS

- Architect	Cabinet MORTAIN & MAVRIKIOS
- Design category	Category A- (Being certified)
- Materials	Aluminium 5083 H111 and 6060 T6 profiles
- Hull length $L_H$	12.90 m
- Length on waterline $L_{WL}$	11.57 m
- Maximum beam	4.35 m
- Draught (min./max.)	0.98 /2.88 m
- Air draught	18.50 m excluding aerials
- Displacement (light/maximum load)	11200 kg/ 13400 kg
- Ballast	3900 kg including 1300kg centreboard
- Freshwater capacity	2x200 L= 400 L
- Fuel tanks	2x250 L= 540 L
- Blackwater tank	1 x 50 L
- Sail area upwind	85 m <sup>2</sup> /93 m <sup>2</sup>
- Battened Mainsail area (classic/square top)	44 m <sup>2</sup> /52 m <sup>2</sup>
- Solent area (on furler)	41 m <sup>2</sup>
- Engine	Volvo D2-50 sail drive (36.5 kW)
- Maximum power allowed	60 cv

### II. DECK FITTINGS

- Exotic wood external woodwork
- Aluminium bow nose with integrated bow roller
- Painted aluminium toerails
- Self-draining chain locker, cable clinch
- Vertical electric windlass 1000W chain grab  $\varnothing 10$  and gypsy
- Stainless steel Swedish-style anchor, LED navigation lights
- S/s aft pulpits with horseshoe buoy bracket
- S/s double lifelines on s/s stanchions and side opening gates
- 2 bow mooring cleats 330 mm welded & bolted
- 2 stern mooring cleats 330 mm welded & bolted
- 2 midship spring cleats 330 mm welded & bolted
- Anodised aluminium chain-plates with s/s bushes
- 1 fore cabin hatch (575x575)
- 1 saloon hatch (395x395)
- 1 saloon/heads hatches (395x395)
- 6 fixed hull portholes
- Panoramic Plexiglas coachroof with 3 opening hatches
- 1 opening porthole in the cockpit per aft cabin
- 2 blocks for the sheet of mainsail
- 2 solent sheet tracks with 1 piston adjustable traveller cars
- 2 double pulleys with clamps, return sheet leads on winches
- 2 locking winch handles
- 2 48 AST solent sheet/spinnaker winches
- 2 40 AST halyard winches on coachroof
- 2 sheave boxes (x6) leading halyards and reefs back to the cockpit
- Cam clutches on coachroof for halyards, reefs, downhaul
- Aluminium grab rails welded on coachroof
- 2 aluminium grab rails welded on transom

- 1 aluminium grab rail on bathing platform for bathing ladder
- Water, fuel, black water deck fillers
- Hot and cold water shower on bathing platform
- Two engine ventilation grills on bathing platform
- Bathing platform with s/s ladder and lockable liferaft storage
- Harness clip-in attachment points (companionway, helm station & bathing platform)
- Aluminium aft arch for accessories, 1 LED stern light and mooring cleats for lifting dinghy
- Block + fairleads with cam clutch for solent furler line feeders

### III. RIGGING

- Anodised aluminium deck stepped mast, double swept aft spreaders, 2 mast steps to reach main sail and masthead
- Mooring and masthead navigation lamps, halogen deck floodlight
- Girouette WINDEX en tête de mât
- Solent furling system
- Anodised Aluminium boom fitted with outhaul and 3 reef lines leading back to cockpit
- 1 rigid boom vang with tackle
- Mast step/pod with blocks
- S/s standing fractional rigging:
  - 1 forestay
  - 2 backstays (option: 1 backstay insulated)
  - 2 upper shrouds
  - 2 inter shrouds
  - 2 aft lower shrouds
  - 2 running backstays
- Running rigging
  - 1 mainsail halyard
  - 1 solent halyard
  - 1 boom topping lift
  - 2 solent sheets + 1 main sail sheet

### IV. SAILS

- Sails from INCIDENCES SAILS
- Dacron cross-cut mainsail 44 m<sup>2</sup>, 3 reefs, lazy bag and battens
- Furling Dacron cross-cut solent (41 m<sup>2</sup>), UV strip, bag

### V. COCKPIT

- Large self-draining cockpit with direct access to bathing platform through aluminium tipping bench
- Synthetic teak on bench seats and seats helmsman
- Coaming lockers with permanent ventilation of aft cabins
- Ø900 twin steering wheels, compass & compass cover for each helm station
- Aluminium tiller
- Engine control panel on main starboard station helm, hydraulic centreboard lifting controller
- Locking cockpit lockers
- Storage & gas lockers underneath helmsman starboard seat
- Storage lockers on transom
- Manual bilge pump
- 1 opening porthole in the cockpit per aft cabin
- Harness clip-in attachment points
- 2 solent sheets lockers under main winches

## **VI. COMPANIONWAY**

- Smoked Plexiglas sliding companionway hatch
- Smoked Plexiglas washboards with vents and stainless steel lock
- Exotic wood frame
- 1 leather-wrapped S/s grab rail + 1 grab rail in wood bulkhead
- Solid wood non-slip companionway steps
- Engine access under companionway steps
- Headroom: 2.00 m

## **VII. NAVIGATION STATION**

- Chart table with chart storage
- Navigator's seat with storage beneath
- Storage underneath chart table
- Electric control panel at 12V and 220V, 1 12V socket, 1 220V socket, 2 USB sockets, leak meter, water and fuel gauge
- Opening desk for built in electronic devices
- 1 directional chart reading light LED

## **VIII. SALOON**

- Port side L-shaped bench seat and bench seat opposite on centreboard casing
- Large storage space under seating
- Large fixed table: optional double berth conversion
- Upholstered foam cushions, 12cm thick + backrests
- Shelf behind seating with storage space
- High furniture unit with door and shelf
- Vinyl lining on ceiling and wood + lining on hull sides
- Wood flooring
- Ventilation by 1 saloon hatches
- 1 fixed hull portholes
- Plexiglas coachroof coaming window
- LED spotlights
- Varnished aluminium mast support
- Headroom: 2.00 m

## **IX. GALLEY**

- Linear galley
- Synthetic marble worktop with solid wood fiddles (various colours available)
- Built-in s/s 1 bowl sink
- Pressurised hot and cold-water
- Seawater foot pump (with fresh water switchover)
- Gimballed s/s two-burner stove with oven with s/s protection rail
- 12V refrigerator, top access, 144 L
- Storage cupboard under sink with shelves & plastic bin
- 5 drawers unit under worktop
- High crockery cupboard with door and shelf
- Shelf behind the stove with bottle storage
- Ventilation through opening deck hatch
- Plexiglas coachroof coaming window
- LED spotlights, 2 sockets at 220V
- 2 fixed hull porthole
- Wood flooring
- Headroom: 2.00 m

## **X. FORWARD CABIN (Version 111)**

- 1 central double berth 200x170 (bottom) to 130 cm (top)
- 12cm thick upholstered mattress
- Storage lockers under berth
- 2 Ventilated hanging lockers
- Locking door separating cabin from saloon with retaining hook
- Vinyl lining on ceiling and wood + lining on hull sides
- 2 shelves on hull side
- 2 fixed hull portholes
- 2 spotlights, 1 adjustable reading LED light, 1 double USB socket
- Headroom: 1.90 m

## **XI. OWNER FORE CABIN (Version 114 & 214)**

- 1 double berth 200x170 (bottom) to 130 cm (top)
- 12cm thick upholstered mattress
- Storage lockers under berth
- 1 ventilated hanging locker
- 2 shelves on hull side
- Locking door separating cabin from saloon with retaining hook
- Vinyl lining on ceiling and wood on hull sides
- Ventilation through opening deck hatch
- 2 fixed hull portholes
- 2 spotlights, 2 LED adjustable reading lights, 1 double USB socket
- Headroom: 1.90 m

## **XII. FORWARD HEAD COMPARTMENT (Versions 114 & 214)**

- Separating door to cabin
- White laminate bulkheads
- Worktop, cabinet behind the washbasin
- Manuel pump toilet, plastic holding tank
- Washbasin + hot and cold pressurised spray tap
- Ventilation through opening deck hatch (300x300)
- LED spotlights, 1 220V socket
- Headroom: 1.90m

## **XIII. AFT CABINS**

- 1 removable double berth 195x155 cm (both cabins) for access to engine compartment
- 12cm thick upholstered mattress
- Storage under berth (+ aluminium storage compartment for batteries)
- Storage locker with ventilated hanging locker
- Shelf on hull side
- Locking door separating cabin from saloon with retaining hook
- Side engine inspection hatch in each cabin
- Vinyl lining on ceiling and wood on hull sides
- Ventilation by opening porthole on coachroof
- 1 fixed hull porthole
- 1 spotlight, 2 LED adjustable reading lights, 1 double USB socket, 1 220V socket
- Electric circuit breaker on port berth front
- Headroom: 1.95 m

#### **XIV. AFT HEAD-SHOWER COMPARTMENT (Versions 111 & 114)**

- Locking door separating the cabin from the saloon
- Shower column with mixer (hot/cold pressurized water)
- Sailing gear wardrobe with door and water discharge
- White laminate bulkheads
- Worktop
- Cabinet behind the washbasin
- Mirror on bulkhead
- Engine inspection hatch and door to aft sail locker (2 cabin version)
- Painted aluminium shower basin
- Manuel pump toilet, plastic holding tank (55L)
- Washbasin + hot and cold pressurised spray tap
- 1 electric shower discharge pump
- Ventilation by opening porthole on coachroof
- 2 LED spotlights, 1 220V socket
- Headroom: 1.94 m

#### **XV. AFT STORAGE LOCKER (Versions 111 & 114)**

- Storage locker located starboard of companionway
- Double access from cockpit and shower compartment
- Wood flooring
- 2 LED spots with switch
- Customized layout on option
- 1 fixed hull porthole
- Headroom: 1.60 m

#### **XVI. FORWARD STORAGE LOCKER (Option)**

- Access by opening deck hatch
- Watertight bulkhead between locker and stem

#### **XVII. MECHANICS – ELECTRICITY**

- Volvo D2-50 sail drive, 50 hp insulated two-pole diesel engine
- Sail drive with Volvo (shaft drive in option)
- Soundproof ventilated engine compartment
- 230V AC 50Hz Circuit which includes dock outlet, leakage protection & electric panel
- 3 AGM services batteries 140Ah + 1 engine battery VETUS 90Ah
- Battery charger ( $\cong$ 40A) and 120A load distributor
- 30 l water heater, 220V supply and via engine heat exchanger
- 4 Automatics electrics bilges pumps with switch on control panel
- Aluminium welded seacocks

## **XVIII. CENTREBOARD AND RUDDERS**

- Cast-iron rotating centreboard with ballast
- 12V Hydraulic command for lifting and lowering centreboard with position indicator
- Safety release in case centreboard grounds
- Twin Helm station in cockpit with twin rudders with self-aligning bearings

This description is a basis of the preliminary project, it is given only as an indication and will be subject to modifications



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