

## CONSTRUCTION

---

### Hull & Deck

---

Hand laminated GRP

White (isophthalic) gelcoat with black decorative bands

First layers: laminated with isophthalic polyester resin, optimal strength/weight ratio achieved by using unidirectional, biaxial and triaxial glass fibers

Sandwich construction above water line; core material is PVC (closed cells)

Reinforcements in stainless steel bonded to the hull with structural glue transferring loads from mast and keel.

Hull innerliner reinforced with carbon fiber in high stress areas.

Structural glued longitudinal.

Stress areas on deck (where winches and major deck fittings are fixed) reinforced by replacing PVC core with plywood or aluminum

### Deck to Hull joining

---

Hull and deck are bonded with Methyl-Methacrylate structural glue

The (teak) toe rail is bolted through deck and hull flange

## DECK EQUIPMENT

---

Stainless steel chainplates

Self-draining anchor/chain locker

6 stainless steel stanchions & Lifelines

Handrails on the Coachroof

Acrylic sliding Companionway hatch, with garage for optional Sprayhood

### Cockpit

---

8 mm solid teak ribs/massive on cockpit seats, side trims

Dry stowage locker on port & stbd side

Storage locker in mid aft cockpit

Removable transom bench

Outboard drained two gas bottles (ps) compartment

Rudder stock head (for installing the emergency tiller)

Single lever engine control

Recessed engine controls panel

Fire Extinguisher

### Mast

---

Silver anodized aluminum keel stepped fractional mast.

Double swept back (approx. 20°) spreaders in aluminum

The mast step bolted to the bottom reinforcement/stainless steel grid

### Boom

---

Silver anodized aluminum boom

Two (internal) reef lines for single line reefing system; one clew outhaul device

The gas (or spring) pressured boom vang with an outer purchase block system

### Standing rigging

---

Discontinuous stainless steel rigging in 1x19 wire (with stainless steel turnbuckles)

Cascade backstay adjuster/tensioner

### Running rigging

---

All halyards, reef lines, tensioners and control lines are led to the cockpit (winches)

### The standard mast includes:

- 1 x main halyard
- 1 x genoa halyard
- 1 x boom topping lift

### Sheets & ropes:

- 1 x main sheet
- 2 x genoa sheet
- 1 x vang
- 2 x reefing line
- 1 x outhaul

### Track system

Genia Traveler Car

5:1 genoa car system with ball bearings

### Blocks

---

### Mainsheet system

- 6:1 system for a mainsheet

### Halyards

- 6 x Block Single

### Deck organizers

- 2 x 4 sheave deck organizers for halyards and lines

### Stoppers (Clutches)

- 2 x 3 winch clutches - for halyards, reef lines, vang - placed on cabin roof

### Winches

2 halyard 2-speed winches, size 35, placed on cabin roof

2 primaries/genoa sheet 2-speed winches, size 40

2 winch handles with PVC handle holders

## SHIP EQUIPMENT

---

### Steering system

Double steering wheel 32" black GFC

Emergency tiller in stainless steel

### Keel

Standard keel (bulb shape), cast iron (nodular), 1,75 m draft

### Navigation and Communication Equipment

---

### Magnetic compass

Navigation lights (bow port & stbd, stern), running light, anchor light, deck light

### Anchoring & Mooring Equipment

4 x mooring stainless steel cleats

## INTERIOR ACCOMODATION

---

Standard interior layout (A): Owner's cabin, Aft cabin and 1 Head unit

Interior in high quality marine core, mahogany veneered

Fiddles, moldings and frames in solid wood  
Laminated floorboards

All main Bulkheads are marine okume plywood bonded to Hull and Deck innerliner and laminated to hull sides

Invisible Hull sides, Bottom, Bilge etc. are topcoated

Cabin mattresses and saloon cushions are made in high quality foam and upholstery, is removable for ease of maintenance.

Standard upholstery material is SAND

## COMPANIONWAY

---

Gas sprung openable companionway as engine compartment cover

Molded wood steps with antiskid

2 Stainless steel handrails

## OWNER'S (FORWARD) CABIN

---

Large double Berth towards fwd

Mattress in 2 parts

Shelves above bed along Hull sides

Access to stowage compartments under Berth  
2 Double Wardrobes (port&stbd side) with Shelves and Hangers

Seat forming shoe locker

Fresh Water tank under Berth

1 large opening deck hatch with blind

2 hull windows

2 reading lights

## **AFT CABIN (PORT)**

---

Double Berth

Mattress in 2 parts

Shelve above bed along Hull port side

Large hanging Locker with double door and Shelve above

Access to the engine

1 opening porthole on coaming with blind

1 opening porthole on cockpit with blind

1 hull window

1 reading light

## **AFT HEAD UNIT**

---

Molded GRP unit with wash basin

Hot&cold fresh water mixing tap / shower

Shower directly drained by electric pump

Manual marine toilet

Front opening Locker with Mirrored door

Wet Locker for drying of wet sailing cloth

40 L waste holding tank

Toilet accessories

Stainless steel handhold

1 opening porthole on coaming with blind

## **SALOON**

---

Large sofas on each Hull side

Foldable and removable saloon Table with bottles storage inside

Backrests and seats in foam

Stowage lockers with doors and bookshelves above each sofa

Stowage compartments under seats

Chart table desk, space for charts and instruments on stbd side

Stowage under chart table with drawers and door

Upper Locker for navigation instruments and Electric switch panel along the hull

Seat with cushion

Fire Extinguisher

Stainless steel Handrails mounted on top-sides

1 large opening deck hatch with blind

1 opening porthole on coaming with blind

2 hull windows

## **GALLEY**

---

L-shaped Galley

White Compact worktop with wooden fiddle round it

Removable worktop above stove

Double stainless steel sink

Mixing tap for pressurized hot&cold fresh water

Gas stove (on gimbals) with an oven and 2 burners

Top loading GRP refrigerator app. 80 L, 12V

Storage lockers with shelves and doors above work top along Hull side

Storage with shelve and door under sinks

Bottles storage

Plexiglas protection between galley and sofa

Stainless steel handhold

1 opening porthole on coaming with blind

## **ENGINE COMPARTMENT**

---

Sound insulated with high density foam material

Easy accessible through opening the Companionway stairs and/or removing the back side (provided in aft Cabin)

Provided with Automatic Fire Extinguisher

## **SANITARY SYSTEMS; DISCHARGE SYSTEMS**

---

Pressurized fresh water system

Ventilated Fresh water tanks for a total capacity of app. 180 l with inspection hole/cover

Tank level gauge (placed on electric switchboard)

Fresh water deck inlet on the deck

Mixing fresh water taps are fitted in Head unit and in the Galley

Shower basin is drained direct into the sea by electric shower pump

Electric shower pump is operated by manual switch positioned in Shower Compartment

## **MACHINERY MAIN COMPONENTS**

---

Yanmar 3YM20C+SD 20 (sail drive)

Two blade folding propeller

Alternator 80A/12V

Engine control panel incorporates an rpm meter, acoustic alarms and an hour counter as a standard

Engine control panel is placed in a recess and protected with acrylic cover

Gear/gas lever control is placed in Cockpit nearby helmsman

## **SYSTEMS FOR MACHINERY MAIN COMPONENTS**

---

1 Fuel oil tank for a total capacity of app. 90 l

Tank inspection hole/cover

Tank level gauge (placed on electric switchboard)

Fuel oil deck inlet on transom stern, stbd side

Fuel oil Filter with water Separator

Automatic Fire Extinguisher in Engine compartment

Seawater filter

## **SHIP SYSTEMS**

---

Bilge systems

Electric membrane bilge pump for central bilge, operated by automatic and/or manual switch

Electric bilge pump for aft bilge, operated by automatic and/or manual switch

Hand operated bilge pump is positioned in the Cockpit

## **ELECTRICAL SYSTEMS**

---

### **12 V DC SYSTEM**

---

Main Switchboard includes LED indicators and thermomagnetic switches

12 V sockets

1 x 12V 100 Ah engine start Battery

1 x 12V 100 Ah service Battery

Battery Switch for each battery

Safety battery protector Anode

Emergency start crossover system

Led lights for interior

Owners manual and CE certificates, A-ocean by GL