

## 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 longitudinals.

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

Outboard drained gas bottle (ps) compartment

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 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

Genoa Traveler Car

Genoa Car with pin stop

### 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

Tiller in black aluminum with extending pole

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

Saloon interior in GRP laminate and PVC core material, visible sides white (isophthalic) gelcoat, doors in marine plywood

Fiddles, moldings and frames in solid wood

Floorboards are okume plywood covered with HPL

All main Bulkheads are marine okume plywood bonded to Hull and Deck innerliner and laminated to hull sides, covered with mahogany veneer

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 springed openable companionway as engine compartment cover

Molded steps with antiskid

2 Stainless steel handrails

## **OWNER'S (FORWARD) CABIN**

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Large double Berth towards fwd

Mattress in 2 parts

Shelves above bed along Hull sides

Access to stowage compartments under Berth

Double Wardrobe with Shelves and Hangers

Seat forming shoe locker

Fresh Water tank under Berth

1 large opening deck hatch

2 hull windows

## **AFT CABIN (PORT)**

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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

1 hull window

## **AFT HEAD UNIT**

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Molded GRP unit with wash basin

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

42 L waste holding tank

Toilet accessories

1 opening porthole on coaming

## **SALOON**

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Large sofas on each Hull side

Salon table (foldable and removable), Chart table desk (with space for charts and instruments on stbd side), shelves over see-the, cabinet doors made high quality marine core, mahogany veneered

Backrests and seats in foam

Stowage compartments under seats

Stowage under chart table with 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

1 opening portholes on coaming

2 hull windows

## **GALLEY**

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L-shaped Galley

GRP worktop with wooden fiddle round it

Stainless steel sink

Mixing tap for pressurized fresh water

Gas stove (on gimbals) with 2 burners

Top loading insulated cool box app. 80 L-12V compressor optional

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

Storage with shelve and door under sinks

Bottles storage

1 opening porthole on coaming

## **ENGINE COMPARTMENT**

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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**

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Pressurized fresh water system

Ventilated Fresh water tanks for a total capacity of app. 100 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**

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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**

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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**

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Bilge systems

Electric 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**

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### **12 V DC SYSTEM**

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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