

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 storage 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/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. 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 3VM20C+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

Owners manual and CE certificates, A-ocean by GL