

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.

Hand laminated/bonded hull longitudinal

Stress areas (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

8 stainless steel stanchions & Lifelines

Carbon composite sliding Companionway hatch, with garage for optional Sprayhood

Cockpit

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

Two stowage lockers (cover is integrated in cockpit bench)

Storage locker in mid aft cockpit

Outboard drained compartment for two gas bottles

Rudder stock head (for installing the emergency tiller)

Single lever engine control

Recessed engine controls panel

Removable stainless steel Bathing Ladder

Fire Extinguisher

Mast

Performance silver anodized aluminum keel stepped 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

Vang with an outer purchase block system

Standing rigging

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

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 main sheet traveler car control
- 2 x genoa sheet
- 2 x genoa sheet car control
- 1 x genoa furling line
- 1 x vang
- 2 x reefing line
- 1 x outhaul

Track system

Main sheet track (1 x 1,8 m) 6:1 mainsheet car system with ball bearings

Genoa sheet tracks (2 x 3m), 5:1 genoa car system with ball bearings

Blocks

German Mainsheet system

- 5 x Single Becket 57 mm ESP

Halyards

- 6 x Single Becket 57 mm ESP

Vang

- 2 x Single Becket 57 mm ESP

Deck organizers

- 4 x ESP/3-sheave

Stoppers (Clutches)

- 2 x 12x4 - for halyards, reef lines, vang and furling headstay line - placed on cabin roof

Winches

2 halyard 2-speed winches, size 40

2 primaries/genoa 2-speed winches, size 46

2 german mainsheet system 2-speed size 40

3 winch handles with PVC handle holders

SHIP EQUIPMENT

Steering system

2 steering wheels black GFC 32"

Emergency tiller in stainless steel

Keel

Standard keel (2,00 m draft), cast iron, coated with epoxy paint

Navigation and Communication Equipment

Magnetic compass

Navigation lights (bow port, bow 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 springed 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

Access to stowage compartments under Berth

Shelves above bed along Hull port & stbd

side

2 Double Wardrobes (port & stbd side) with Shelves and Hangers

Seat forming shoe locker

1 large opening deck hatch with blind

2 small opening deck hatches

2 reading lights

AFT CABIN (PORT)

Double Berth

Mattress in 2 parts

Shelve above bed along Hull on port side

Large hanging Locker with double door and Shelve above

Access to the engine

Fresh Water tank under Berth

1 opening porthole on coaming with blind

1 opening porthole on cockpit with blind

1 hull window

1 reading light

AFT HEAD UNIT

Moulded 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 (only 2 cabin layout)

40 L waste holding tank

Access to the engine

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 with pilot berths

Stowage lockers with doors and a bookshelf above each sofa

Stowage compartments under seats

Large chart table desk, space for charts and instruments on stbd side

Stowage under chart table with drawer 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

Storage space with 3 drawers

Bottles storage

Waste Bin

Plexiglass 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 side (provided in aft Cabin/aft Head unit)

Provided with Automatic Fire Extinguisher

SANITARY SYSTEMS; DISCHARGE SYSTEMS

Hot&cold pressurized fresh water system

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

Tank level gauge (placed on electric switchboard)

Fresh water deck inlet on transom stern, port side

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 YM30CE SD20 (sail drive)

Two blade folding propeller

Alternator 80A/12V

Cooling sea water filter

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 a plexi glass 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. 100 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

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 170 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