

CONSTRUCTION
Hull

Handlaminated GRP
 White (isophthalic) gelcoat with black decorative bands
 First layers: laminated with isophthalic polyester resin, insuring the optimal antiosmosis protection
 Optimal strenght/weight ratio - achieved by using unidirectional, biaxial and triaxial glass fibres
 Sandwich construction above water line; core material is PVC (closed cells)
 Reinforcements in stainless steel bonded to the hull with methylmethacrylate glue transferring loads from mast and keel.
 Handlaminated longitudinals.

Deck

Handlaminated GRP
 Sandwich construction; core material is PVC (closed cells)
 First layers: laminated with isophthalic polyester resin, insuring the optimal antiosmosis protection
 Optimal strenght/weight ratio - achieved by using unidirectional, biaxial and triaxial glass fibres
 Stress areas (where winches and major deck fittings are fixed) reinforced by replacing PVC core with plywood

Deck to Hull joining

Hull and deck are bonded with methylmethacrylate glue
 The (teak) toe rail is bolted through deck and hull flange, also using a special sealing material

DECK EQUIPMENT

Stainless steel chain plates
 Self-draining anchor/chain locker (including stowage for fenders and mooring ropes)
 Teak toe rail
 8 stainless steel stanchion bases
 Min. 4 pad eyes - for safety harnesses, sheets and pole downhaul - mounted on deck
 GRP sliding Companionway hatch, with garage/waveshield prepared for assembly of (integrated) Sprayhood - see additions

Cockpit

8 mm teak ribs/massive on cockpit seats, side trims and on removable aft enclosure
 Dry stowage locker on stbd side (cover is integrated in cockpit bench)
 Storage locker in mid aft cockpit
 Outboard drained gas bottle (ps) compartment
 GRP steering pedestal forming a footrest
 Rudder stock head (for installing the emergency tiller)
 Single lever engine control
 Recessed engine controls panel

Mast

Sparcraft Performance silver anodized aluminium keel stepped mast F385, fractional
 Double swept back (approx. 20°) spreaders in aluminium
 The mast step bolted to the bottom reinforcement/galvanised steel grid
 Exits and blocks for halyards
 All halyards and electric cables are internal

Boom

Sparcraft's silver anodized aluminium boom F550
 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 wire (with stainless steel turnbuckles)
 Mechanical 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
- 1 x main sheet traveller car control
- 2 x genoa sheet
- 2 x genoa sheet car control
- 1 x vang
- 2 x reefing line
- 1 x outhaul

Track system

Harken main sheet track on cockpit sole (1 x 1,5 m), 6:1 traveller system
 Harken genoa sheet tracks (2 x 3 m), 5:1 genoa system

Cars:

- Harken Mainsheet Traveller Car with Torlon balls
- Harken Genoa Car with Torlon balls

Blocks

Mainsheet system
 - Harken 8:1/4:1 two speed mainsheet system

Halyards

- Harken 8 x Block Single

Deck organizers

- 2 x 4 sheave Harken deck organizers for halyards and lines

Stoppers (Clutches)

2 x 5 Spinlock winch clutches - for halyards, reef lines, vang - placed on cabin roof

Winches

2 Harken halyard/spinnaker 2-speed winches, size 40.2, placed on cabin roof
 2 Harken primaries/genoa sheet 2-speed winches, size 48.2
 2 winch handles with PVC handle holders

SHIP EQUIPMENT
Steering system

Steering wheel 52", recessed
 Emergency tiller in stainless steel

Keel

Standard keel, cast iron, 1,98 m draft, protected with a layer of Epoxy primary protection

Navigation/Communication Equipment

Magnetic compass
 Low consumption LED Navigation lights (bow port&stbd, stern), running light, anchor light, deck light

Anchoring & Mooring Equipment

4 x Mooring stainless steel Cleat

EQUIPMENT FOR CREW/PASSENGERS

6 openable low profile Portlights on the sides; one openable Portlight in the cockpit
 Four low profile deck Hatches
 Ventilator, integrated in - on Saloon top placed - low profile deck Hatch
 Stainless steel Stanchions & Lifelines
 Stainless steel Handrails on the Companionway
 Teak Handrails on the Cabin roof
 Removable stainless steel Bathing Ladder
 2 fire Extinguishers

INTERIOR

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

Interior Joinery: marine grade water proof core, faced with selected SAPELI Mahogany

All main Bulkheads are bonded to Hull (Sides) by using glass fibre and polyester resin

Top-sides and visible Hull sides are covered by Mahogany planking ribs or foam backed sky

Invisible Hull sides, Bottom, Bilge etc. are topcoated

Solid Mahogany is used for door frames, handrails etc.

All Mahogany is varnished with varnish in satin finish

All side windows (Portlights) are fitted with curtains

Cushions

Cushions are made in high quality foam with a selection of different first class upholstery

Upholstery material/colour sample swatches are available on request

OWNER'S (FORWARD) CABIN

Large double Berth towards fwd

Mattress in 2 parts

Access to stowage Lockers under Berth

Shelves above bed along Hull port & stbd side

Seat on port Hull side, forming shoe Locker

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

AFT CABIN (PORT)

Double Berth with Shelf above bed along Hull side

Mattress in 2 parts

Large hanging Locker with double door and Shelf above

Fresh Water tank under Berth

AFT HEAD UNIT

GRP Wash Basin

Shower area with Curtain

Hot&cold fresh water mixing tap

Shower directly drained by electric pump

Water-flushed manual pump marine Toilet

Front opening double Locker (with Mirrored doors) placed above wash basin/toilet

Wet Locker for drying of wet sailing cloth, also with space for placing of Waste holding tank

Waste holding tank (app. 42 l) fitted with tank level Watch

Shower Grating

SALOON

Large sofas (204 cm long) on each Hull side

Foldable and removable saloon Table

Ergonomic backrests and seats in foam

Pilot Berths (204 cm long) on both Hull sides

Stowage lockers with doors and a bookshelve above each sofa along Hull port & stbd side - see options

Handrails mounted on top-sides

Stowage compartments under seats

Stowage space behind backrests - see options

GALLEY

L-shaped Galley between Hull port side and Companionway

Twin stainless steel rectangular sinks

Mixing tap for pressurised hot&cold fresh water

Gas stove (on gimballs) with an oven and two burners

app. 80 L GRP refrigerator, 12V

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

Storage - with shelf and door - under sinks;

COMPANIONWAY

Gas sprung openable stairs as Engine Compartment cover

Handrails mounted on sides above stairs

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 pressurised 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 with hot&cold fresh water can be fitted in Cockpit (stern) - see additions

Hot water tank (35 l) heated by engine cooling (fresh) water or - see additions - by integrated heater run with 230V shore power

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 fixed propeller

Alternator 60A/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. 110 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 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