

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
 20mm Sandwich construction above water line
 Reinforcements in stainless steel bonded to the hull with Methyl-Methacrylate glue for additional transferring loads from mast and keel.

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 bow fitting (with anchor/chain roller)
 Removable stainless steel anchor fitting
 Stainless steel chain plates
 Self-draining anchor/chain locker (including stowage for fenders and mooring ropes)
 Teak toe rail fitted with 16 stainless steel stanchion bases
 Min. 6 pad eyes - for safety harnesses, sheets and pole downhaul - mounted on deck

Cockpit

8 mm teak ribs/massive on cockpit seats
 Two storage lockers in cockpit
 Outboard drained gas bottle (port) compartment
 GRP steering pedestal forming a footrest and instruments panel (for navigation instruments, compass)
 Rudder stock head (for installing the emergency tiller)
 Single lever engine control
 Recessed engine controls panel (with 6 mm transparent plexi glass protection)

Mast

Sparcraft Performance silver anodized aluminium keel stepped mast S580, fractional
 Triple swept back (approx. 20°) spreaders in aluminium
 The mast step bolted to the bottom reinforcement
 The mast-collar integrated in the GRP deck structure
 Mast rests on the main rib
 Exits and blocks for halyards
 All halyards (main, genoa, spinnaker) and electric cables are internal
 Spinnaker pole track
 Windex wind indicator

Boom

Sparcraft's silver anodized aluminium boom F810
 Two (internal) reef lines for single line reefing system; one clew outhaul device
 Racing kick/kickingstrap
 The gas pressured boom vang with an outer purchase block system

Standing rigging

Discontinuous stainless steel rigging in 1x19 wire (with stainless steel turnbuckles) includes:
 Genoa Furler with racing profile
 Navtec hydraulic 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 spi-pole uphaul
- 1 x boom topping lift

Sheets & ropes:

- 1 x main sheet
- 2 x main sheet traveller 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

Harken main sheet track (1 x 1,8 m) on cockpit sole, 4:1 traveller system

Harken genoa sheet tracks (2 x 3,6 m), 4:1 genoa car system with ball bearings

Blocks (by Harken)

German mainsheet system

- 1 x Single Becket 57 mm Black Magic HL
- 4 x Single 57 mm Black Magic

Halyards

- 8 x Single Becket 57 mm ESP

Vang

- 2 x Single Becket 57 mm ESP

Deck organizers (by Harken)

- 2 x ESP/4-sheave
- 2 x ESP/2-sheave

Stoppers (Clutches)

- 2 x Spinlock 12x4 and 2 x - for halyards, reef lines, vang and furling headstay line - placed on cabin roof
- Spinlock clutch - placed by (stbd side) toe rail - for genoa furling line

Winches

- 4 Harken halyard 2-speed winches, size 44.2, placed on cabin roof
- 2 Harken primaries/genoa sheet 2-speed winches, size 53.2
- 3 winch handles with PVC handle holders

EQUIPMENT

Steering system

Steering wheel 55"
 Emergency tiller in stainless steel

Keel

Standard (shallow) keel (2,00 m draft), lead keel

Navigation/Communication Equipment

Magnetic compass fitted on GRP steering pedestal
 Navigation lights (bow port, bow stbd, stern), running light, anchor light, deck light

Anchoring & Mooring Equipment

- Anchor (galvanised), 20 kg
- Anchor Chain (galvanised), 50 m x 8 mm
- Anchor Windlass, 1000W-12V
- 4 x Mooring stainless steel Cleat with Fairlead

ADDITIONAL

- Six low profile openable Portlights on the sides with two openable Portlights in the cockpit
- Four low profile deck Hatches
- 1 stainless steel deck Ventilator placed on Saloon top
- Stainless steel Stanchions & Lifelines

Stainless steel Handrails on the Cabin roof
 Removable stainless steel Bathing Ladder
 2 fire Extinguishers

INTERIOR

Standard interior layout (A): Three cabins and 1 Head unit
 Interior Joinery: marine grade water proof core, faced with selected teak
 All main Bulkheads are bonded to Hull (Sides) and Deck Ceiling, top-sides and visible Hull sides are covered by foam backed sky
 Invisible Hull sides, Bottom, Bilge etc. are topcoated
 Solid teak is used for door frames, handrails etc.
 All teak is varnished with varnish in satin finish
 All windows are equipped with curtains except aft cabin Portlights which are supplied with push button blinds

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
 Seats on both Hull sides, forming shoe Lockers
 Double Wardrobe with Shelves and Hangers
 Cabinet to stern with Table above
 Optional fresh Water tank(s) under Berth - see additions

AFT CABINS

Double Berth with Shelve above bed along Hull side
 Mattress in 2 parts
 Large hanging Locker with double door and Shelve above
 Seat forming shoe Locker
 Fresh Water tank under Berth

HEAD UNIT

Stainless steel 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 placed above wash basin/toilet
 Waste holding tank (app. 40 l) fitted with tank level Watch,

SALOON

Large L-shaped settee to Hull port side
 Settee to Hull stbd side
 Ergonomic backrests and seats in foam
 Shelve above each settee along Hull port & stbd side
 Handrails mounted on top-sides
 Stowage Lockers under seats and behind backrests

GALLEY

U-shaped Galley between Hull port side and Companionway
 Twin stainless steel rectangular sinks
 Mixing tap for pressurised hot&cold fresh water
 Covered gas stove (on gimballs) with an oven and three burners
 WAECO C 50 refrigerator with 60l GRP refrigerator
 Storage Lockers - with shelves and doors - above work top along Hull side
 Storage - with shelve and door - below sinks; Waste Basket mounted on Storage door

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

Hot&cold pressurised fresh water system
 Ventilated Fresh water tank for a total capacity of app. 200 l with inspection hole/cover
 Tank level gauge(s) (placed on electric switchboard)
 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 heated by integrated heater run with 220V shore power or by engine cooling (fresh) water
 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

Yanmar 3JH4CE SD50 (sail drive)
 Two-blade fixed propeller
 Alternator 60A/12V
 Sea cooling 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
 1 Fuel oil tank for a total capacity of app. 170 l
 Tank inspection hole/cover with incorporated fuel float
 Tank level gauge (placed on electric switchboard)
 Fuel oil Filter with water Separator
 Sea (cooling)water Filter
 Automatic Fire Extinguisher in Engine compartment

SHIP SYSTEMS

Bilge systems

Electric bilge pump in saloon 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 termomagnetic switches
 12 V sockets
 Battery Charger Quick 12V 30A
 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

230 V AC POWER SUPPLY

230 V AC Distribution board
 Main Circuit Breaker
 230 V AC sockets
 Shore Power dock side Cable