

## Construction

The hull and deck are constructed of Isophthalic acid resin and tri-axial knitted fiberglass fabric. The skinning layer is 100% vinylester. Above the water line, the hulls and deck are cored with ¾" Corecell foam, except for hardware attachment points. All coring is vacuum bagged to ensure 100% adhesion. Below the water line, hulls are solid fiberglass.

There are 2 forward watertight compartments, one inside each bow locker, as well as 4 watertight bulkheads, 2 forward and 2 aft. Standard fin keels have a sacrificial section allowing for substantial damage to keels without affecting hull integrity. The hull is treated with Interprotect 2000 epoxy barrier coat and Ultima SR bottom paint. Hull colours available.

## Full Suit of Sails

All sails use North Sail's NorDac Radian woven polyester sailcloth.

Mainsail - 616 sq. ft.

- Fully battened
- 2:1 main halyard with a headboard block and shackle
- Harken mainsheet traveller system mounted on hardtop
- 6:1 Harken traveller controls accessible from cockpit
- Harken sliding luff car system for Mainsail
- Lazy jacks
- Single line reefing for 2 reef points
- Tell tales
- Sunbrella canvas sail cover

95% Jib - 248 sq.ft.

- Harken self-tacking Jib traveller installed on foredeck
- Single line Jib sheet lead to cockpit
- Halyard with snap shackle
- Furlex furling gear
- Furling line led aft to powered winch
- Tell tales

130% Genoa - 410 sq. ft.

- Genoa tracks with adjustable fairleads
- Genoa sheets

Furling Screecher - 701 sq. ft.

- Harken Code Zero furling lead to cockpit
- Stowable bowsprit mounted on front crossbeam
- 2:1 auxiliary halyard
- Screecher sheets lead aft to Harken fairlead blocks

## Mast & Rigging

- Deck stepped anodized aluminum Seldén Mast, double diamond stay configuration
- Antares MainTamer® with Rigid Seldén Rodkicker or Seldén in-mast electric furling with vertical batten mainsail
- 2 Seldén In-boom single line reefs leading to cockpit
- Running rigging lead through underdeck raceway to stopper equipped cockpit winch pedestals
- All halyards have low-stretch polymer cores with wear resistant polyester covers
- 4 folding mast steps, two on each side
- Conduit in mast for all electrical wiring
- Mast is outfitted with steaming light/deck light, spreader lights, LED anchor and tri-light
- 1 forestay, 2 Dyform wire cap shrouds
- All stays have swagged terminals & open-body turnbuckles
- Anti-chaff sail rollers

## Deck Fittings & Equipment

### Cockpit

- Centrally mounted Harken STA48 powered sheet winch
- Harken STA48 powered halyard winch mounted on aft pedestal
- 2 Harken STA44 manual Genoa sheet winches with 2 winch handles
- Double helm seat with reversible back rest, covered in white polyethylene with additional storage under helm seat. Comes with moveable step stool
- Cockpit seating arranged around expandable starboard table with stainless steel fiddles
- Premium cockpit upholstery
- 12 volt electrical panel
- Full cockpit enclosure
- 2 Stainless Steel grab rails mounted on cockpit ceiling
- Cockpit speakers
- Stainless steel arch with integrated bench/davit system
- 4-person elevated bench seat constructed of starboard
- Davit system suitable for dinghies up to 12' in length
- LPG outlet in starboard aft rope locker connects to BBQ

## Hardtop

- FRP hardtop includes integral carbon fibre beam support for traveller
- Glass windshield with windshield wipers
- 2 hatches to view mainsail
- LED cockpit lights on dimmer switch

## Anchoring System

- 50' x 10mm high test chain, 250' x 5/8" anchor rode attached to 2 x 45lb. anchors
- Integrated double anchor roller and chain stop
- Quick Rider 1400 electric windlass
- Integrated bridle system

## Deck Hardware

- Spinlock Rope clutches, 8 aft, 3 at forward winch
- Mooring Cleat (12") with 2 fairleads leading from inboard and outboard on each bow
- Double mooring Cleat (12") with single fairlead amidships on each hull
- Mooring Cleat (12") with single fairlead on each stern
- Mooring Cleat (12") with single fairlead on each transom
- Stanchions (6) 30"-high with double lifelines per side
- Gates with pelican hooks at stern and transom
- Starboard bow seats in pulpits
- Toe-rail is clear anodized T section, mounted on external flange of both deck and hull
- Fasteners are on 5" centers
- Rub rail provides hull protection

## Windows/Ports

Complete wrap-around tinted polycarbonate Plexiglas in saloon

Portlights including mosquito screens

- Bomar portlights include 2 per port stateroom, 2 in guest stateroom, 2 in wardrobe, 1 per head, 1 in port forward cabin

Hatches including mosquito screens and Oceanair privacy blinds

- Bomar hatches include 1 over galley, 2 over saloon, 1 over port forward cabin, 1 over master head, 2 in aft master cabin (1 overhead, 1 aft), 2 in port guest (1 overhead, 1 aft)
- All hatches include Oceanair blinds
- 2 Goïot emergency hatches in aft cabins

## Deck Lockers

- Port forward locker with access to plumbing
- Starboard forward locker with steps attached to outboard wall provide generator access
- Center forward locker with access through 20" x 20" hatch with stainless steel ladder. Contains ship service batteries in fiberglass enclosure. Access to deck wash and to halyards & tunnel under bridgedeck
- Cockpit lazarette with double door entry gives access to refrigeration compressors & steering components
- Twin rope lockers with Starboard dividers creating 4 rope compartments. Each locker houses a 20 lb propane tank with external venting
- Transom Lockers with access to shaft steering system

## Chain Plates

Stainless steel through-bolted chain plates into primary reinforcements.

## Front Beam

Aluminum compression member that supports the forestay, wire bridle and tie-down for the trampoline. Net is woven and sewn Vinyl-dipped Dacron material for excellent comfort and durability.

## Mechanical

- Full engine instrumentation panel includes push button engine start and individual gauges for engine temperature, water temperature, oil pressure, charge voltage, and tachometer / hour meter
- Twin Volvo Penta D2-40 HP diesel engines, shaft drive (1¼" shafts) located midships in sound shielded compartment with 115amps/engine alternators and MS15L-B 2.61:1 transmissions.
- Dual Racor fuel filters
- Twin 60 gallon diesel tanks mounted midships below water-line with 2 fuel deck inlets
- Volvo 18" 3-blade, feathering propellers
- Cruisair air conditioning (2x7,000 BTU, 1x18,000 BTU)
- Kohler 6 KW generator including sound insulation box and gas/water separator

## Steering

- 30" stainless steel destroyer-type leather-wrapped wheel linked to two skegged rudders
- Jefa shaft drive system
- Rudders linked by tiller bar
- UHMW Polyethylene bearings
- Accommodation for emergency steering through transom stairs/emergency tiller

## Furuno Electronics

- Furuno NavNet 3D 12.1" Multi Function Display
- Furuno DRS2D 19" UHD Digital Radome, 2.2kW
- Furuno BBWGPS WAAS/GPS Receiver Antenna
- Furuno FI50 series : FI-501 Wind System, FI-503 Digital Data Displays
- Furuno NavPilot 711 autopilot and FAP7011A display
- ICOM 504 VHF radio/loud hailer & remote control Mic

## Electrical

### Batteries

- 4 X 8L16 Deep Cycle 6V Marine house batteries (740 amp hours) housed in enclosed fiberglass cabinet in center foredeck locker
- 3 X Group 24 12V for engines and genset
- MasterLink MICC inverter/charger control panel

### Solar Panels

- 4 X 50 Watt solar panels recessed into hardtop with smart regulator as required for solar panels

### Master Volt Inverter

- Master Volt 2000-watt power inverter and battery charger located under main settee with control panel at main distribution panel

### Shore Power

- 2 shore power inlets

### 12V DC Circuits

- 24, 5 - 15amp circuit breakers located at the distribution panel with Ammeter/Voltmeters on panel
- 2 x 12V outlets located at helm and nav stations. A third outlet is located in port forward office configuration.

### 110V AC Circuits

- All AC circuits have breakers as required (main, 5 std., spare). Ammeter is on electrical panel
- 10 x 110V outlet locations include entertainment area, nav station, master cabin, master head, port head, port forward berth, guest cabin, and 3 in galley include 1 inboard and 2 outboard

## Lights

- Saloon - 6 overhead lights & 1 dining table light. 2 reading lights mounted on forward bulkhead. 4 courtesy lights in the saloon step
- Galley - 4 overhead lights and 3 counter lights mounted under outboard shelves. 1 under-counter fluorescent over stove top. 3 courtesy lights in the access step faces.
- Master Cabin - 2 overhead lights and 2 reading lights. 4 overhead in dressing area, 3 courtesy lights in access steps
- Master Head - 5 overhead lights
- Port Head - 1 overhead dome light
- Port Forward Cabin - 1 overhead dome light with switch, 2 reading lights
- Guest Cabin - 2 overhead lights, 2 reading lights
- Cockpit - overhead lights mounted on hardtop. Courtesy lights mounted on each transom step and companion well steps
- All overhead lights to be premium IMTRA LED

## Entertainment System

- Premium amplifier & receiver with 2 interior speakers and subwoofer and 2 exterior cockpit speakers
- Flat panel 32" widescreen LCD HDTV in salon
- Flat panel 20" TV DVD mounted in master cabin
- iPod docking station
- Apple TV entertainment hub

## Plumbing

- 2 independent 75-gallon water tanks installed amidships below water-line with 2 fresh water deck inlets located in the anchor locker. Ability to designate draw from either port/starboard tank. The water system is pressurized by a Jabsco Sensor, Max VSD water pump, flow rate 4.5 gal/min. A WEMA tank monitoring system is installed on the tanks
- 2 Jabsco quiet flush electric heads & house size toilet seats. 2 x 30 gallon holding tanks located adjacent to the heads. A "Y" valve is installed to select pump out deck outlets or overboard discharge. A WEMA tank monitoring system is installed on the tanks
- 2 x 5 gallon hot water tanks, one in each hull, combination electric/engine heat
- Rule 1500-gph bilge pump installed amidships in 2 hulls and in starboard forward generator locker
- Fresh water hot & cold hand held shower is located adjacent to port transom stairs
- Fresh and sea water washdown outlets located in anchor locker
- Sea Recovery Aqua Whisper Mini 350 watermaker installed in starboard aft transom locker

## Accommodations

### Saloon

- L-shaped settee on raised platform with panoramic view, storage below. A triangular table with folding corners on a manually adjustable pedestal with vertical and horizontal adjustment. Pass-through to galley. Handrails beside wide stairway lead into each hull. Faux-leather upholstery. Teak and holly flooring throughout. 2 Hella fans installed above seating area
- Navigation station faces forward with drawer for instrument storage and access for computer cables. Pedestal mounted navigation chair on swivel
- Entertainment center: 12" deep, bar sink, cupboards with shelves below, 3 door cabinet for entertainment equipment. Splendide model 2000 washer/dryer installed in cabinet
- Sliding door joining saloon and cockpit is 38" wide with Phantom screen door

### Galley

- Corian countertops "Type A" on inboard and outboard side of galley. A flush mounted double stainless sinks with fixtures and stainless backsplash. 15 cupboards and 5 drawers in cherry veneer finish. A Triple burner Princess stove 3276 with 2 sets of sea rails for pot holder. A Princess model 325 flush mount Propane oven supplied by 2 x 20 lb aluminum propane tanks stored externally in aft rope lockers. A Convection microwave with additional 110 volt outlet.

- Cherry finished exterior on fridge/freezer unit. Fridge has 7-ft3 capacity, 3 shelves. Chest freezer has 4-ft3. capacity, and 3 starboard/stainless baskets. Fridge/freezer are cooled by Waeco Adler Barbour compressors. Independent thermostats for each.

### Master Cabin

- Queen size berth with foam mattress 60" W x 80" L x 6" D. Bedside table with 2 drawers, 4 storage drawers under berths. 13 cupboards in cabin and dressing area with spacious 5-foot high cupboards with full double doors. The cabin has a cushioned dressing seat over escape hatch. The cabin is independently climate controlled. Overhead hatch with Oceanair blind/screen.

### Master Head

- Shower - spacious one piece fiberglass module enclosed with a Plexiglas door. Includes molded shelf, hand held shower with adjustable mount. Shower sump on independent circuit. Jabsco quiet flush electric head with house-size toilet seat. Stainless sink with fixtures with storage below and Corian countertop "Type A". Medicine cabinet with deep shelving on inside of door. Soap/toothbrush holder, towel hook & mirror on door.

### Port Aft Cabin

- Queen size berth 60" W x 80" L x 6" D. 2 drawers under berth, 6 cupboards on outboard wall, hanging locker with depth to accommodate hangers. The cabin has a cushioned dressing seat over escape hatch. The cabin is independently climate controlled.

### Port Forward Berth \*optional layouts available

- Double berth measures 52" W x 76" L x 6" D. 4 rung ladder provides access to the berth. Large storage compartment incorporated into the forward facing wall.

### Port Forward Head

- Jabsco quiet flush electric toilet with house-size seat. Corian countertop "Type A". Cabinets over sink with shelves, 1 cabinet below sink. Hand-held integrated shower.

## General Equipment

- Portable Edson manual bilge pump
- Owner's manual & manuals for all boat systems installed
- 4 - 60' dock lines, 6 fenders with lines
- Port transom has a recessed telescopic stainless steel boarding ladder
- Striping includes boot stripe, boot accent, Antares logo, stern name and hailing port

## Commissioning

- Full commissioning at factory

\*EQUIPMENT LIST SUBJECT TO CHANGE