

# J/105 Specifications

## HULL & DECK

- . Lloyd's approved, aircraft grade AL600 epoxy coated CK57 (6 lbs/cu.ft) Baltek end-grained balsa laminate construction using pre-impregnated and vacuum-bagged biaxial glass fabrics. Interplastic vinylester resin for a 10 year warranty against blisters.
- . White (other colors optional) gel coat hull with single (1.50" to 3.00") tapered bootstripe.
- . Large sit-in cockpit with 6.5' seats with backrests, suitable for cockpit cushions.
- . One lazarette storage locker and two cockpit seat storage lockers, port and starboard.
- . Swimming and boarding platform sculptured into aft face of full height transom with integral ladder.
- . Cockpit coamings 2.5" high over sidedecks to channel water aft.
- . Moulded companionway slide in seahood.
- . 5"x10" instrument recesses moulded in aft face of cabin trunk on either side of companionway entrance.
- . ORC 1.25" high teak toe rails on foredeck.
- . Stainless steel handrails on cabin trunk.
- . GRP molded main structural bulkhead, bonded fore & aft on hull and deck as support for shroud chainplates with single opening to forepeak.
- . Solid fiberglass transverse keel support beams.
- . Fabricated aluminum mast step with transverse beams fastened to main bulkhead.
- . Lead & antimony fixed 6.5' draft, fin keel with bulb bolted to a deep moulded stub.

## MECHANICAL & STEERING

- . Yanmar 2GM20F 20 hp, 2 cylinder, diesel engine with 50 amp alternator and 15" Martec folding prop.
- . Yanmar engine instrument panel in cockpit with lexan cover.
- . Morse control, combination gear shift and throttle.
- . 12 gallon alloy fuel tank with baffles and inspection/clean out port.
- . Balanced spade rudder constructed using "E" glass and large diameter shaft mounted in Harken bearings.
- . Curved, laminated wood tiller with Spinlock hiking handle.

## DECK HARDWARE

- . Thurston companionway dodger with side curtains mounted in splash molding with boot. (Dodger fly extending to backstay with side curtains is available as option for sleeping in cockpit).
- . Two Lewmar 44AST, 2 speed primary winches with 44:1 power ratio.
- . Two Lewmar 30AST, 2 speed halyard (& secondary) winches aft on cabin trunk.
- . Double sheave deck organizers (P&S) recessed in dodger spray shield moulding.
- . Two Bariant lock-inchrome winch handles (8" & 10").
- . Two PVC winch handle holders.
- . Aluminum mast collar.
- . 4 Schaefer 32-16 mast mounted turning blocks: for

main halyard, jib halyard, spinnaker halyard and cunningham/reef.

- . Two double clutch stoppers aft on the cabin top. Port is main halyard and jib halyard. Starboard is for cunningham/reef and spinnaker halyard.
- . Two Schaefer 08-91 jibsheet blocks on a 3 foot 40-74 1.25" x 3/16" clear anodized "T" track with 34 mm hole spacing and aft end stops.
- . One Harken 238 camcleat for furler and one Harken 238 for bow-sprit launcher plus 4 Bullseye fairleads.
- . Two Harken 150 camcleats with 137 eyestraps mounted on starboard side of cabin trunk for snuffer control lines.
- . Harken mid-sized traveller track recessed in cockpit seat with Harken "windward sheeting", self-tacking traveller car with 4:1 system using end stops, and 2 Schaefer 300-31 cheek blocks mounted at end of track (top flush with seat). Control lines pass through Harken 166 swivel bullet blocks mounted with 097 springs on 281 eyestraps outboard of traveller.
- . 6:1 mainsheet system using a Harken 1540 single and 1544 double on separate boom bales and a 1560 fiddle with becket on the traveller car. Coarse adjustment sheet tail leads to a center-mounted heavy duty 144 swivel base with camcleat on 195 riser and Hexacat #170 single ratchet (without integral cam) mounted under a 24:1 fine tune system achieved by adding 4:1 tackle using 060 Fiddle with Hexaratchet & Becket and 053 Fiddle attached to mainsheet end.
- . Custom stainless bow pulpit and dual corner stern rails with gates.
- . Low profile mounted roller furling drum system on stemhead with control line aft to port side of cabin trunk where tail can be used on primary winch.
- . Tapered lifeline stanchions with heavy duty deck plates.
- . Three 4-bolt mooring cleats.
- . Double Harken 654 foot blocksto lead spinnaker and jib sheets behind raised dodger to any of 4 winches.
- . Bow chocks port and starboard.
- . Two heavy duty "U" bolts aft doubling as aft mooring and to fasten Harken spinnaker sheet blocks.
- . Lewmar 20x20 articulated foredeck hatch.
- . Lewmar 10x10 vent hatch in head.
- . Two 3530 Bomar 5x30 bronze tinted fixed, recessed ports in sides of cabin trunk and two fixed bronze tinted ports in head area.
- . Lightweight, cored, low-profile companionway sliding hatch and lexan offshore dropboard with inside/outside opening hasp.
- . Cockpit operated Henderson bilge pump.
- . Three 12"x 20" polypropylene mesh line bags.
- . Custom SS chainplates, stemhead and backstay tang.

## ELECTRICAL

- . One 115 amp deep-cycle sealed battery.
- . Guest battery switch.



## Continued from Page 1

- . Electrical panel w/circuit breakers.
- . Navigation & steaming lights.
- . All chainplates with lightning grounds.
- . Six swiveling reading lights.
- . One fluorescent light in head.

### **SPARS & RIGGING**

- . Tapered 6061 T6 aluminum, fractional-rig mast with double airfoil spreaders, plus boom in Awlgrip off white finish.
- . Custom 4.25" diameter carbon fiber, shock-cord retractable J/Sprit with 1:2 underdeck Harken launching system.
- . Belowdecks mast ventilation holes.
- . Navtec rod rigging and turnbuckles.
- . One 3/16" 7x19 SS wire to 3/8" XLS red-code braid jib halyard with screw pin shackle.
- . One 3/16" wire to 3/8" XLS white braid rope main halyard with SS captive pin shackle.
- . Mainsheet of white 7/16" XLS Dacron braid.
- . Traveller control lines of black 5/16" VLS braid.
- . Two (red code) jib sheets of 7/16" XLS-900 Spectra.
- . Sailtech -6 integral hydraulic backstay adjuster with 9.5" throw.
- . Hall Quick Vang with integral cleating.
- . Main boom with #1 reef stopper to port and #2 reef sheave on starboard side to double as cunningham with Schaefer 76-46 hook and Harken 001 block.
- . Two mainsail clew reef lines of red & green code 7/16" LS Dacron braid with Flemish eye.
- . 6:1 internal mainsail outhaul on boom.
- . J/sprit launching line of blue code 3/8" VLS braid led from Harken 047 thru-deck block aft through fairleads and cam cleat.
- . Spinnaker halyard of 3/8" XLS blue code with NF11000s snap shackle.
- . Two (blue/yellow code) spinnaker sheets of 3/8" Aramid 85 (no shackles) with whipped ends.

### **INTERIOR**

- . Off-white Formica low-maintenance bulkheads, and lightweight bin panels with grey vinyl trim, cold moulded teak cap mouldings.
- . Varnished teak and holly sole.
- . Storage bins outboard of settee berths.
- . Forward of the main bulkhead through a honeycomb cored door is a changing area, hanging locker and Raritan PH-2 marine head with flexible holding tank and "Y" valve for direct offshore discharge.
- . Onboard holding tank overboard discharge "y" valve and pump.
- . Forward of the head area is a lightweight bulkhead with color coordinated acrylic canvas privacy curtain and V-berth with storage under.
- . Choice of standard acrylic fabrics for V-berth and main cabin settee cushions. Optional cockpit cushions double as back rest below.

- . Four 20"x20" colorful throw pillow covers with zippers are standard for use as back cushions and to store bed-pillows, blankets, etc.
- . Vinyl liner on cabin overhead and hull ceilings.
- . 12x18 mirror in head.
- . Molded galley sink with fresh water foot pump and 5 gallon portable water tank with thru-hull drain.
- . Rugged 54 qt. top opening, portable icebox under companionway ladder.

## **OPTIONS**

### **Graphic Options**

- . Hull Colors Other Than White
- . Two Tone Deck in Moon Dust or Smoke White.
- . 1/2" Cove Stripe with "J" Insignia.

### **Custom Wheel Package**

- . Edson Diamond Series 48" White Aluminum Wheel with Natural Leather Grip
- . Ritchie 5" Binnacle Compass with Light
- . Custom GRP Molded Pedestal with SS Guard.
- . Aluminum Emergency Tiller
- . White Vinyl Afterdeck Cushion behind Wheel

### **Comfort Group Package**

- . Bomar Bronze Tinted Main Cabin Opening Ports
- . Dual Purpose Sunbrella 3" Acrylic Cockpit/Settee-Backrest Cushions with Light Color (Stone or Linen) on One Side to Match Non-Skid.
- . 4 Custom Acrylic Covered AC Hose Lifeline Covers for Helmsman to Match Dodger Color
- . Mainsail Cover to Match Dodger with J/105 Logo
- . Dual Purpose 15"x 36" Teak Cockpit/Main Cabin Table with Hinged Dining Leaf for 30"x36" Surface.

### **Systems Group Package**

- . Automatic Electric Bilge Pump with Panel Switch for Manual Operation.
- . Sink in Vanity Counter of Forward Head With Foot Pump and drain into Head Bowl.
- . 20 Gallon Fresh Water Tank Under Starboard Berth.
- . Origo 2000CB 1-Burner, Non-Pressurized Alcohol Stove with Cutting Board.
- . 5x12x16 Utensil Drawer in Galley to hold Rubbermaid Flatware Tray
- . 6x19x23 Chart & Utility Drawer under Nav Table to hold Chart Kits.

### **Other Single Options**

- . 110 Volt Shorepower with 50 Foot Dock Cord and 2 outlets (without charger)
- . Genoa Tracks (use same Lead blocks as Jib)
- . Shoal Bulb Keel with 5.5' Draft.
- . Bottom Paint
- . Cradle
- . Shrinkwrap

Specifications are subject to change without prior notice or obligation. ( March 1, 1993)