

J/42 Specifications

Hull & Deck

- Environmentally clean SCRIMP process using resin-infused laminates of Lloyd's approved, Baltek end-grained balsa core with woven biaxial & unidirectional glass fabrics.
- Interplastic vinyl ester resin moisture barrier on the outer hull skin for a 10 year transferable warranty against hull blistering.
- Fore & aft and transverse keel support beams infused during hull lamination to avoid secondary bonds.
- Lead and 4 % antimony, fixed 7000 lb., fin keel with inverted-wedge bulb, fastened to reinforced molded stub with 1" keel bolts and epoxy - interchangeable with optional 7500 lb. shoal draft keel.
- White gelcoat hull, single tapered boot in color of choice.
- White gelcoat on deck with choice of five nonskid colors in shades of grey and beige.
- Bonded hull to deck joint with full-length ORC sized white toe-rail with bow and amidships chocks. Option for full length teak.
- GRP molded main structural bulkhead and all intermediate bulkheads glass taped to hull & deck, fore & aft for additional structural strength.
- Fabricated composite mast step with transverse webs through-bolted to floor beams and main bulkhead.
- Cockpit seat locker access to large storage compartment.
- Lazarette storage locker and access to steering systems.
- Watertight afterdeck storage tub (W33"xL19.5"xD15") with overboard drain and removable lid for offshore liferaft, storage for 4 jerry cans, 2nd anchor, kid's pool/cockpit or drink cooler.
- 5" x 24" instrument pod over companionway.
- Two 5" x 12" instrument pods for helmsman.
- Deck hardware bedded with Sikaflex.
- Molded propane tank locker with overboard drain.
- 2 Dorade boxes with dual vents, forward and aft of main bulkhead to head, forward cabin and main cabin (2). Removable stainless steel guard rails over 4" high-polish removable cowls.
- Foredeck storage locker with slotted lid aft of windlass and fore/aft anchor rode divider.
- Molded spray shield and dodger boss.
- Custom stainless stemhead with anchor roller.

Propulsion & Steering

- Yanmar 56 hp (4JH3-BE) 4 cylinder, naturally aspirated diesel engine with fresh water cooling, Dual 160 Type Racor fuel filter system and 80 amp alternator.
- Cast bronze custom strut with cutlass bearing.
- Yanmar Type C recessed instrument panel with covered gauges for tachometer, water temperature and oil pressure. Fuel gauge.
- Edson single-lever control gear shift and throttle on Classic Edson pedestal
- 31 gallon alloy fuel tank with baffles, inspection/clean-out port and gauge located under aft double quarterberth. Additional 30-gallon bladder tank available as option under life raft storage bin.
- 3 Blade Flex-O-Fold geared feathering prop with 1.25" diameter Aquamet shaft and zinc.
- Primex Combo muffler with check valve w/ heavy duty engine exhaust hose.
- Ultra Sound Acoustics VO-100 insulation in engine compartment.
- Balanced, elliptical, spade rudder constructed with unidirectional glass rovings and 6" diameter shaft with self-aligning bearings.
- Edson 40" stainless steel destroyer wheel, mounted on Edson pedestal, wheel hub brake and binnacle housing a 5" Ritchie #SP5-C compass.
- Edson custom quadrant and chain/cable steering system.
- Belowdecks bulkhead for quadrant autopilot installation with Edson quadrant arm shipped loose.
- Custom aluminum emergency tiller.

Plumbing

- Cockpit-operated Henderson manual bilge pump.
- Automatic electric bilge pump.
- Icebox drain with shut-off valve leading to bilge.
- Freshwater foot pump in galley.
- 100 gallons of water capacity in 2 independently valved water tanks with baffles under settee berths.
- Hot & cold pressure water system with 6 gallon hot water tank under galley counter with Shurflo #5901-0211 pump.
- In-line pumps for shower sump drains with switches in heads.
- 2 Raritan PH-2 "household" heads, each with overboard/ holding tank discharge. Holding tanks with overboard drain/ pump-out discharge.
- Marelon flush-mounted seacocks below the waterline for engine, head and galley with double-clamped hoses.

Electrical

- Two Group 31 105 amp AGM glass-mat batteries.
- Deluxe Bass battery bank switch w/DC main breaker.
- Bass DC panel w/circuit breakers and battery condition meter.
- 30 Amp 110V Shorepower System with 50' Cord
- ProMariner Galvanic Isolator with monitoring device

- Promar Battery Charger with 3 step charging.
- Navigation and steaming light.
- All chainplates, & Mast are bonded with 4 Ga. wire to keel for ABYC Lightning Protective Mast.
- 6 swiveling halogen reading lights.
- 1 nav station light.
- 2 dome lights in cockpit lockers.
- 1 dome light in engine room.
- 1 overhead dome light in each the aft and forward cabins.
- Main salon & galley halogen lighting package with dimmers.
- Main cabin courtesy floor lights with companionway switch.
- 2 fluorescent lights in heads.
- Propane electric solenoid safety switch.
- All electric wires labeled.
- ABYC color coded wiring throughout.
- 15 conductor aluminum shielded wire, pre-wired from seahood to nav station. Two PVC conduits in main cabin with messenger lines to facilitate electronics installation.

Deck Hardware

- Lewmar Ocean Series automatic electric anchor windlass with gypsy plus capstan for bosun chair operation assist. Lewmar gypsy unit 003 is designed to operate with 5/8" 3 strand nylon rope spliced to a 3/8" G40 calibrated chain (no BBB). Includes manual override.
- 2 Lewmar 50STC, 2-speed self-tailing primary winches with 2.4:1/7.6:1 gear ratios and 48:1 power ratio.
- 4 Lewmar 44STC, self-tailing secondary/halyard & mainsheet winches with 2.2:1/6:1 gear ratios and 44.8:1 power ratio.
- 2 Lewmar 2914 1111 lightweight 10" lock-in handles and 2 Lewmar lightweight 8" lock-in handles.
- 2 PVC winch handle holders shipped loose.
- 5 Harken 57mm halyard/reef turning blocks.
- 2 Harken #6053 triple deck organizers.
- 2 Lewmar Superlock triple rope clutches leading to cabin top winches.
- Mainsheet traveler system with Harken #3160 Car, #3156.1.5m hi beam track, low profile sheaves and end stops with double control blocks & camcleat.
- 2 Harken 57mm mainsheet turning blocks P&S.
- Harken HC7798 double mainsheet block mounted on traveler car and one #1958 hi-load mainsheet block on boom bale for fast-action 2:1 system to 40:1 mainsheet winches, giving 80:1 power ratio.
- 2 Schaefer 10' x 1.25" T- tracks with 2 Lewmar 2700 genoa lead blocks with plunger pin stops.
- 2 pairs of Heavy duty 4-bolt padeyes with 4 Harken 57mm blocks for genoa and spinnaker sheet turning blocks.
- Lifeline boarding gates, port & starboard.
- Stainless steel grab rails on cabin trunk.
- Double-rail bow pulpit and stern rail with gate.
- Two-part SS transom swimming ladder with 2" teak treads (natural).
- Roller furling control line led through three bulls-eye fairleads and one cockpit-mounted Spinlock stopper to port.
- Spinnaker tack line led through three bulls-eye fairleads and one cockpit-mounted Spinlock stopper to starboard.
- Welded stainless stemhead with integral anchor roller.
- Tapered stainless, double lifeline stanchions.
- 6 mooring cleats (10" at bow and amidships, 8" aft) with 4-bolt bases.
- 6 Lewmar bronze tinted acrylic Ocean hatches: 15x20 foredeck, 20x20 skylight, 8x8 forward head, 10x10 vents over aft head & aft stateroom. Optional screens.
- 10 Bomar opening ports with screens and 1 fixed port in cabin trunk.
- Companionway sliding hatch and lexan offshore dropboard with inside/outside opening, lockable hasp and storage rack.
- Custom Thurston acrylic dodger with center vent and removable side curtains. Choice of color.
- 2 - 12x18 line bags on cabin-top for halyard/reef tails.
- 2 - 12x24 line bags under-traveler for mainsheet/traveler controls.
- 5' teak flag staff & 3'x5' US yacht ensign commissioning flag.

Spars & Rigging

- Hall Spars 6061-T6 aluminum mast with off-white Awlgrip finish having double airfoil spreaders, steaming light, internal masthead wire conduit, welded gooseneck and vang lugs, folding halyard attachment step, tack reef padeye and fairlead block, lazy jack/checkstay connection tang, and 17" track and car for optional whisker pole.
- Hall Spars 6061-T6 aluminum boom with welded end fittings and vang lug, internal outhaul purchase system, mainsail reef sheaves, lazy jack fairleads and stainless mainsheet bail.
- Custom stainless mast collar with turning block bales.
- Belowdecks mast ventilation holes in head.
- Harken Unit 2 Mark III roller furling unit w/ removable drum.
- Stainless steel wire rigging with Navtec turnbuckles.
- Masthead double spinnaker/gennaker halyard blocks.
- Double genoa halyard exit sheave below hounds.

- Hall Rigging running rigging package w/ main, jib & spinnaker halyards, XLS genoa, spinnaker & main sheets. Also includes two reef lines (one of which doubles as a cunningham), & traveler control lines.
- Sailtec -12 integral hydraulic backstay adjuster.
- Hall Quik Vang.
- Custom SS chainplates, stemhead & backstay tang.

Galley

- Large "J" shaped galley with 8" deep, highly polished stainless double sink
- Excellent ventilation with 2 opening ports with screens.
- "Wheat Matrix" Nevamar counter top bordered with high cold-moulded varnished cherry fiddle rail with two integral handholds.
- Gimballed 3-burner Force 10 propane stove with thermostat, oven/broiler and hinged top grill for toasting/cleaning.
- Varnished cherry drawer & cabinet faces with low maintenance, extruded plastic drawers for flatware and large utensils. Below-counter cabinet for pots & pans.
- Large dry goods, plate, bowl, glass & cup storage cabinets with sliding smoke lexan panels.
- 6.3 cu. ft. hinged, top-opening icebox with sliding tray and storage shelf.
- Tall trash can storage area with flip lid access.
- Combination cutting board, tray and offshore cook's seat.

Navigation Station

- Forward facing 26x30 nav table design with flush, hinged lid to chart and navigation instrument storage plus sextant or spotlight storage compartment under. Surface is horizontal to permit use as sideboard in port.
- Pencil, divider, and eyeglass storage rack.
- Navigator's seat with cushion.
- Full length, fore & aft, two-plane instrument panel, outboard with hinge-down dark gray formica mounting face and safety stop.
- Book, cap, binocular and gear rack outboard with removable bottom panel for wiring access.
- 3 drawers for tools and fittings.

Main Cabin

- Satin varnished cherry bulkheads and furniture panels with paneled cherry bulkhead doors, cold molded cherry trim, drawer and cabinet faces throughout boat.
- Main companionway entrance from cockpit, framed by white bulkheads (P&S) having a removable S.S. ladder with teak treads and stainless grab rails, providing secure handholds.
- Mobella door hardware.
- Stainless steel overhead grab rails (P&S).
- Varnished teak & holly veneer floor panels with underside and ends sealed with epoxy and secured with solid teak toe boards having exposed fastenings to permit complete removal.
- Cherry trimmed deluxe vinyl, overhead finish.
- 5 opening ports with screens plus skylight hatch.
- Single P&S settee berths with large storage compartments behind seat backs and water tank storage beneath.
- Bolstered deluxe cushions with choice of cushion fabrics.
- Twin cherry cabinets outboard of settees with angled speaker flats, open 2-shelf bookshelves between (P&S). One cabinet designed with bottle rack.
- Varnished all-cherry main cabin table with lift up locking sides and internal bottle storage.

Forward Stateroom & Head

- Large V-berth with 2 large clothing drawers mounted on aft face, with 2 hinged storage bins below cushions.
- Opening port plus overhead exit hatch.
- Full length book & bedding storage shelves with high (3.5") fiddle rails (P&S).
- Combination bureau/vanity with 2 bureau drawers and locker below and cabinet with louvered door and shelf above.
- Large hanging locker.
- Hull sides finished in off-white deluxe vinyl.
- Enclosed head with vanity & linen storage outboard, dual purpose shower/sink spigot and towel racks.
- Dressing mirror on head door.
- Watertight fiberglass pan design placed over mast step with integral sump covered by maintenance-free shower grate. Mast drains into shower sump.

Aft Stateroom

- Large double berth with changing seat & shelf.
- Combination bureau & vanity with cabinet having a louvered cabinet and shelf above and bureau drawers with boot/shoe locker.
- Hanging locker
- Full length shelf with 3.5" fiddle rails outboard on hull with large pillow shelf at foot of berth.
- Ventilation includes 3 opening ports with screens and overhead vent hatch with view to starboard through fixed port.
- Single Drawer over engine compartment.
- Mirror on bulkhead.

Aft Guest Head

- Vanity, dual purpose shower/sink spigot and towel rack.

- Watertight fiberglass pan design with integral shower sump covered by maintenance free shower grate.
- Full-length wet locker outboard of head.

J/42 Options

- **Cruising Comfort Group:** includes 3 Hella variable-speed cabin fans; Color coordinated acrylic canvas work of boom cover & Lifeline pads; Overhead hatch & Companionway screens; White vinyl cockpit & helm station cushions for sidedecks and afterdeck; Varnished, removable teak cockpit table; Accord privacy blinds; Leather covered wheel.
- **Systems Group:** (1) 4D 210 AGM glass mat battery located forward of nav station and behind backrest, 120 Amp alternator; MS 2000 True sign wave inverter in lieu of standard Promar Battery Changer
- **Deluxe Trim Package:** Varnished Cherry hull ceilings in fore/aft cabins. Cabinet mounted under the deck at foot of V-Berth.
- **Conventional Spinnaker Package:** Hall carbon fiber pole with Forespar stainless deck chocks; 10' Harken mast track with up/down car controls; 2:1 foreguy with deck hardware, Schaefer afterguy blocks; two Aracom-T 85 afterguys w/ Wichard shackles & guards. Spare genoa or spin halyard to be used as pole topping lift.
- Teak Toe-rail in lieu of standard ORC sized white toe-rail.
- J Cove Stripe molded in same gelcoat color as boot stripe.
- 5'3" Shoal Draft Keel Option This keel weighs 500lbs. more than the 6'5" standard keel to achieve comparable stability.
- Carbon Fiber Mast custom engineered by Hall, tapered and built with epoxy prepreg, medium modulus carbon, finished in off-white Awlgrip for a weight saving of 130lbs. aloft. Included is Navtec rod rigging and the Antal luff track system for mainsail cars. Cars are not included.
- Carbon Fiber Whisker Pole. 14.6' clear coated w/trip lines & bridles.
- 2nd Bow Roller (attaches to studs on standard stemhead).
- Additional 30 Gallon bladder fuel tank gravity feeding to main tank mounted aft of rudder shaft on centerline.
- Rubrail of PVC w/stainless steel half round mounted to hull 4" below deck edge.
- Cherry Interior Handrails in lieu of standard
- Inner Forestay Tang on Deck.
- Hot & Cold Cockpit Shower.
- Pressure Salt Water Washdown Forward with Rinse Spray in Galley.
- Seafrost Mechanical Refrigeration (for standard ice box only)
- Cedar lined Hanging Lockers forward and aft
- (4) Flush mounted cabin doors and Mobella locksets
- SSB Groundplate & Backstay (wire for aluminum mast or rod rigging for carbon)
- Deluxe fold-up main cabin table with bulkhead mounted shelf/magazine rack in lieu of standard table.

NOTICE: Specifications are effective as of hull #77 and subject to change without prior notice or obligation. J/42s will be constructed with specifications in effect at time of construction. J Boats reserves the right to periodically upgrade these specifications through additions, deletions and substitutions.