

J/160 Specifications

Hull & Deck

- Patented TPI "Resin Infused" composite sandwich construction with vinylester resin in outer skin. Aircraft grade end-grain balsa with biaxial and unidirectional glass fabric with extra reinforcing in highly loaded areas.
- TPI transferable ten year warranty against hull blisters.
- GRP molded main structural bulkhead bonded with fiberglass on both sides to hull and deck as support for shroud chainplates.
- Watertight collision bulkhead forward.
- Heavy duty fiberglass transverse keel support beams.
- Bonded hull-to-deck joint with molded ORC toe rails forward to mast and outboard of primaries.
- Fabricated aluminum I-beam mast step with transverse web bolted to main bulkhead.
- Molded companionway seahood with integral instrument pod.
- Molded transom swim platform with stainless swim ladder having molded treads.
- Molded spray shield housing for standard cockpit dodger and frame.
- Molded aft lazarette locker with watertight gasket to starboard, and propane locker to port.
- Molded port cockpit seat locker with watertight gasket.
- 11,000 lb. fixed lead ballast keel through-bolted to fiberglass keel sump.
- White gel coat surface on hull and deck. Contrasting non-skid option.
- Single boot top and cove stripe of contrasting color.
- Balanced spade rudder constructed of cored unidirectional glass fibers with large diameter fiberglass shaft mounted in Harken bearings.
- Structural bulkhead outboard of rudder post for autopilot steering arm.

Propulsion, Steering & Fuel

- Yanmar 4JH2-DTBE 88 h.p. four cylinder fresh-water cooled diesel with 180 amp Lestek alternator to attain 8.7 knot cruising speed under power.
- 75 gallon alloy fuel tank with baffles and inspection/cleanout port under port berth aft.
- Engine compartment engineered and built to optimize sound proofing.
- Yanmar C-type recessed engine instrument panel in cockpit with lexan cover including gauges for tachometer, oil pressure, fresh water temperature, engine hour meter, and alarm warning light.
- 8" Edson steering sheaves with needle bearings and guards.
- Edson 66" Diamond series white aluminum destroyer wheel with leather grip on custom molded pedestal with guard with instrument mount, heavy duty steering brake, and 5" Ritchie Compass.
- Aluminum emergency tiller with steering lines.
- Helmsman foot braces.
- Machinery spaces are provided for optional generator, watermaker, and air conditioning.

Electrical System

- -Electrical and wiring systems conform to standards recommended by the U.S. Coast Guard, American Boat and Yacht Council, and ABS.
- Three Prevailer deep cycle gelcell batteries.
- Promatic Series Battery charger from ProMar.
- 110v shore power, AC panel, six outlets and 75' shore cable to centrally located deck plug.
- Deluxe backlit electrical panel with circuit breakers and digital condition meters.
- All chainplates lightning grounded.
- Ten stainless (Imtra) Halogen reading lights plus fluorescent lights in head and galley.
- Thirteen overhead red/white dome lights. main cabin courtesy lights.
- Five Hella variable speed cabin fans. Vetus exhaust fan for galley
- Navigation and steaming lights.
- Masthead anchor/windex light.

Plumbing Systems

- Hot and cold pressure water with 12 gallon hot water tank with 110 volt and engine transfer.
- Showers each with integral sump and electric sump pump to ensure proper drainage at varying heel angles.
- Automatic electric bilge pump to overboard discharge with direct line to systems battery.
- Refrigerator/freezer drains with in-line drain pump to galley sink drain.
- 135 gallons potable water capacity to two independently valved molded tanks with baffles under main settees berths plus pressure tank.
- Two manual bilge pumps - one in cockpit and one belowdecks-operable with hatches closed.
- Two Raritan PH-2 heads each with removable 20 gallon holding tank overboard "Y" discharge, and deck pump-out.
- All hoses for heads are deluxe odor-resistant hose.
- Shower plumbing with portable shower faucets in forward shower stall and sink in aft head.
- Sinks with hot and cold pressure water in forward and aft heads and galley.
- Manual fresh water foot-pump in galley.
- All sea water and drain hoses double-clamped, all seacocks labeled with tags.

Deck Hardware

- Thurston acrylic companionway dodger with roll-up window in front and removable side curtains.
- Two single Harken 512 genoa sheet lead blocks.
- Four double Lewmar 2910-2014 line stoppers four Lewmar 2913-9102 two-sheave organizers.
- One Lewmar 2910-1014 spinnaker tack outhaul stopper.
- Snuffer control double block with spinnaker tackline block on sprit.
- Fairleads and Harken 150 Cam-matic cleats for cockpit operated spinnaker snuffer system
- Harken 586 mainsheet sheave carrier on two Harken 515 cars. Harken 588 block on boom bale.
- Harken 560-5 hi-beam mainsheet track with integral six-part Harken 736 triple sheave hi-load traveler controls with 150 cams.
- Two Lewmar 66 AST three-speed self-tailing primary winches in cockpit.
- Two Lewmar 54AST self-tailing secondary winches aft on cabin top.
- Two Lewmar 48AST mainsheet winches with two Harken 552 single main sheet lead blocks with lock-offs mounted on angled deck moldings.
- Two Harken 528 footblocks outboard of primaries for spinnaker sheets and checkstays.
- Five Harken 280 offshore Cam-matic cleats for cockpit operated spinnaker sheets, pole outhaul, and snuffer control lines.
- Two Lewmar 10" double and three single lock-in winch handles and four PVC handle holders.
- Stainless (J/44 type) mast collar with eight bales and halyard bar.
- Eight Schaefer 31-26 halyard/reef turning blocks on mast collar.
- Four six-foot 1-1/2" clear aluminum "T" track
- 1-1/2" clear aluminum "T" tracks on rail for outboard jib and genoa leads.
- Two Harken 588 blocks w/630 hanging tabs for spinnaker sheets.
- Two heavy duty Schaefer 32-42 half moon genoa/jib sheet lead blocks.
- Tapered double 316 stainless steel lifeline stanchions and double PVC-coated lifelines.
- Midships lifeline gates port and starboard with double PVC coated lifelines.
- 316 stainless steel double bow pulpit and split stern pushpit with gate.
- Welded stainless stemhead with removable anchor line roller and plow anchor retainer.
- Seven Lewmar articulated bronze tinted acrylic overhead hatches with aluminum frames: 27x27" forward stateroom, 22x22" main cabin skylight, and six 10x10" vent hatches in shower, in forward and aft heads, and in two aft staterooms.
- Ten opening white frame Bomar ports in cabin sides, two aft facing Bomar opening ports in aft stateroom and four opening ports in aft cabin/cockpit walls.
- Anchor rode hawse pipe with chain grip and flush cover.

- FRP companionway hatch with Lexan offshore dropboard with inside/outside lockable hasp.
- Six sheet and halyard line bags.
- Two 4" Dorade cowl vents over main cabin with bug screens.
- Stainless steel handrails on cabin top port and starboard.
- Custom stainless shroud chainplates and backstay/checkstay tang.

Spars & Rigging

- Choice of spars: Hall 6061-T6 tapered aluminum performance mast section with triple airfoil spreaders, finished in off-white Awlgrip, with painted black bands; or Hall Spars custom engineered carbon fiber mast built with epoxy pre-preg medium modulus carbon and autoclave curing to 80 psi at 250 degrees Fahrenheit, carbon fiber sheave boxes and triple airfoil spreaders.
- Main boom aluminum with double jiffy clew reefing led forward and 8:1 internal outhaul tackle.
- Retractable 8.7' (white painted) carbon fiber spinnaker pole with outboard end cap, drain system, outhaul and retrieval system with necessary line, blocks and elastic cord.
- All control lines led to cockpit.
- Bright color-coded running rigging including one main, two jib/genoa, and two spinnaker halyards with Sparcraft SS-6 shackles. One set genoa/jib sheets, one set spinnaker sheets, one spinnaker tack line, cunningham/reef line, mainsheet, mainsheet traveler control lines, double checkstay lines to single tails, reef lines.
- Navtec discontinuous rod rigging with S.S. tip cups and turnbuckles.
- Harken headsail roller furling Unit #2.5 with furling line led through fairleads and stopper to primary winch.
- Hall Quikvang and Sailtech integral hydraulic backstay.
- Three folding steps on mast.

Interior

- Interior bulkheads and structure bonded with fiberglass on both sides to hull and deck.
- All plywood of the highest marine grade available sealed with epoxy on the underside and edges prior to installation.
- Interior furnishings are off-white Formica surface with cold-molded teak trim, teak drawer and cabinet faces unless otherwise specified.
- All drawers and cabinets have positive latch push-buttons.
- Teak trimmed vinyl headliner throughout forward, main, and aft cabins.
- Satin finish polyurethane teak and holly veneer removable floor panels with underside sealed with epoxy, secured with "Bristol style" latches.
- All berths, seats and berths are equipped with 5" cushions with choice of interior fabric colors. All cushions in main cabin are contoured and bolstered.

Owner's Stateroom

- Double V-berth with full length shelves and storage bin under.
- Starboard hanging locker with outboard shelf around vertical anchor well.
- Vanity with two large drawers and louvered cabinets below, lexan slider cabinet above. Flip-up vanity tray with mirror, storage and light.
- Molded forward head with water closet, sink, vanity, full length mirror on door, toothpaste, soap, and toilet paper holders, teak towel rack, storage slider cabinets with mirrored finish, positive latches on teak floor grates.
- Molded shower stall with bench seat, soap and shampoo holder. Wet hanging area outboard.
- Adjustable height holder for shower head.

Main Cabin

- Settee berths with split backrest and bottom cushions port and starboard.
- Cabinets and shelves outboard of port settee.

- Full size starboard pilot berth with short shelf and three large storage drawers under.
- Teak ceiling strips on hull throughout main cabin.
- Centerline seat with hinged top for access to large stowage area.
- Fixed main cabin table with utensil drawer.
- Large forward-facing navigator's center with chart storage, book and binocular rack, outboard console for mounting instruments and electrical panel, utility drawer and file cabinet, plus laptop compartment with 110 inverter outlet.
- Companionway entrance tapered and walled in with laminated angled steps and handrails for safe, protected entrance and exit.
- Overhead stainless grab rails port and starboard for safe movement in main cabin.
- Drawer at top companionway step for winch handles, tools, etc.

Galley

- Galley island with deep, double stainless sink recessed under off-white 1/4" Fountain Head counter top material. Deluxe hot/cold pressure water extendible gooseneck faucet, large garbage bin aft, (2) drawers forward with cabinet under.
- Three burner gimballed Force 10 propane stove with oven.
- Two 10lb. aluminum propane bottles in aft propane locker connected through solenoid shutoff switch.
- Pots and pans locker under stove.
- 10.5 cubic foot icebox/refrigerator with top loading access doors and 5" insulation, positive door latches.
- Cutting board that fits into sink.
- Outboard galley counter with two large drawers over cabinet, off-white 1/4" Fountain Head counter top.
- Dry goods storage cabinets with mid-height shelves outboard.
- Plate bowl, cup and glass storage compartment.

Aft Stateroom, Crew's Quarters, & Guest Head

- Molded aft head with sink and shower accessible from main cabin. Toothbrush, soap and toilet paper holders, teak towel rack, teak floor grate with positive latch, full length mirror on back of door. Outboard storage locker with mirrored sliders.
- Port aft stateroom with double berth, cushioned seat, vanity, hanging locker, and storage cabinet.
- Starboard aft utility room/crew's quarters with dual pipe berths, and full access to aft machinery spaces, and large storage area.

OPTIONS***Systems Group***

- Heart inverter with smart charger to charge batteries at dockside and provide 110V service at sea.
- Seafron Engine Driven Refrigeration system.
- Cockpit shower with hot and cold fresh water.
- Seagull water purification.

Comfort Group

- Thurston acrylic helmsman padded lifeline covers. (color to match dodger)
- Thurston acrylic cockpit awning fly with zipper attachment to standard dodger.
- Closed cell white acrylic cockpit cushions to fit seats, plus three helmsman seat cushions aft and outboard of wheel.
- Acrylic boom mainsail cover to owner color specification with J/160 insignia.
- Teak ceiling strips on hull in forward and aft staterooms.

Starboard Aft Stateroom Group

- Aft stateroom with double berth, cushioned seat, vanity with three drawers and teak louvered cabinet, hanging locker, towel rack, storage cabinets, and full length mirror on back of door.

Electrical Options

- Electric Anchor Windlass
- Electric primary or halyard winches.
- SSB copper ground and insulated backstay.
- Additional Prevailer deep cycle gelcell batteries.
- Diesel generator.

Other Options

- Additional fresh water capacity.
- Air conditioning
- Dockside water inlet.
- Sea water washdown on deck and/or salt water pump in galley sink
- Shoal draft (6'9") 12,000 lb. lead ballast keel.
- Vertical anchor well through deck for #37 Fortress anchor.
- Steel shipping cradle
- Shrink wrap.
- Remote panel for hydraulic backstay.
- Optional teak louvered cabinets with shelves in lieu of pilot berth starboard.
- Hull port lights in aft, main and forward cabins. (6) total
- Entertainment center in lieu of pilot berth starboard.
- Varnished all teak interior.
- Varnished all cherry interior.
- Varnished cherry trim and cabin table in lieu of teak.
- Harken adjustable Jib/genoa tracks, cars, cleats, and tackle.
- Hatch screens.
- Graphic Options - include contrasting non-skid color on deck hull color other than white, additional stripes or colors on hull.

Notice

Specifications are subject to change without prior notice or obligation. J/160s 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