

# J/120 Specifications

## *Hull and Deck*

- Lloyd's approved, Baltek Contourkore end grained balsa laminate construction using biaxial and unidirectional glass with interplastic vinylester resin on the outer hull layer.
- TPI patented resin infusion system molding process for optimum laminate strength with 65-70% glass content on structural skins.
- TPI 10 year transferrable warranty against hull blistering.
- 6,000 lb. 7.0' draft, variable chord, high lift, lead keel bolted and epoxy bonded to deep molded stub w/sump.
- Off-white deck with a high traction non-skid.
- Single tapered boot stripe.
- Low maintenance extruded white ORC 1.5" foredeck, primary winch, and helmsman toerails.
- Large cockpit storage locker & 2 lazarette lockers.
- Molded stern platform w/swim ladder.
- Molded spray shield with dodger storage and companionway instrument pod.
- GRP molded structural bulkhead supporting chainplates bonded to hull, deck, and mast step.
- All intermediate bulkheads glassed to hull and deck for stiffness.
- Custom fabricated I-beam aluminum mast step.
- Heavy-duty solid glass support "L"beams over keel for maximum hull stiffness.

## *Propulsion and Steering*

- Yanmar 3JH2-E 38 hp. 3 cylinder diesel engine with fresh water cooling, Racor fuel filter, and 55 amp alternator.
- Yanmar engine panel recessed in cockpit includes tachometer w/fuel gauge, alarms for oil pressure, battery, night light, and temperature
- 27 gallon fuel capacity with baffles and inspection/clean out.
- 18"x 16" Martec folding prop w/1-1/4" S.S. shaft.
- Balanced spade rudder w/unidirectional glass & large diameter molded shaft mounted in Harken roller bearings exceeding ABS requirements.
- Edson 48" Diamond Series wheel with natural leather grip on custom molded pedestal with 5" Ritchie compass, brake, and stainless guard. Gear ratio of 1:1 to facilitate installation of self steering devices.
- Anodized aluminum emergency tiller.

## *Plumbing & Electrical*

- Manual bilge pump in cockpit.
- Electric bilge pump w/switch & check valve.
- Manual fresh water foot pump in head and galley.
- 75 gallon water capacity in (2) baffled tanks under settee berths.
- Raritan Marine head with 14 gallon holding tank and "Y" valve and overboard discharge pump.
- Ice box drain with valve.
- Marelon seacocks and double clamped hoses below the waterline.
- (7) Swiveling tulip and (6) R/W dome lights.
- (2) 105 AHR Prevalier 8G27 gel-cell deep cycle batteries.
- Bass 12V DC metered and backlit panel.
- Bass battery switch with 100 amp DC main.

- UL approved stranded, tinned copper ABYC color coded wiring throughout.
- Navigation lights and steaming light.

## *Deck Hardware*

- (2) Lewmar 50 AST (self-tailing) primary winches.
- (4) Lewmar 44 AST halyard & mainsheet winches.
- (2) 10" & (2) 8" **Harken Speed-Grip** aluminum lock-in winch handles w/(3) PVC handle holders.
- 2:1 Mainsheet system w/(3) Harken 504 blocks leading to Harken 511 cheeks to mainsheet winches P&S of helmsman.
- Harken adjustable mainsheet traveler with 4:1 purchase, includes 560 track, 515 car, 1515 controls, 564/565 track ends w/integral cams.
- Clear anodized 3' x 1.25" jib & 6' x 1.25" genoa tracks with (2) Schaefer 32-98 genoa lead blocks and (2) 32-03 jib lead blocks.
- Harken 642 checkstay blocks on backstay chainplate w/653 transom cheek blocks.
- Harken 654 double footblocks outboard of cockpit for checkstays & spin sheets.
- Disappearing checkstay system w/(3) Harken 082 bullets, hose clamps and shock cord.
- Harken 642 (w/630 tabs) spinnaker sheet blocks on Wichard 6544 U-bolts fwd. of stern pulpit legs.
- (6) **Schaefer 08-05 halyard/reef turning blocks** mounted on Wichard #6533A "U"-Bolts. Halyards lead aft through (2) Schaefer triple organizers to Spinlock Express stoppers.
- Roller furling control line w/Harken 168 foredeck block, S.S. lined bullseyes and Harken 150 cam cleat w/328 cam fairlead.
- 2:1 J/Sprit control line leading to (2) Harken 027 Sprit blocks, 023 block on forward bulkhead, & aft through bulkheads to cockpit 150 cam.
- J/Sprit shock cord retrieval system including Harken 023 & 024 blocks with shock cord.
- (2) Cockpit snuffer control 150 cams w/328 cam fairleads & **Harken 004 double J/Sprit block w/becket**.
- (2) Bow chocks, 10.5" cleat, (2) 8" stern cleats.
- Custom S.S. stemplate with tack fitting, chainplates, and backstay tang.
- (3) Lewmar Ocean Series Hatches.
- (6) Bomar aluminum framed fixed ports on cabin sides (3) Bomar cockpit opening ports.
- Thurston companionway dodger with side curtains mounted against splash molding w/boot.
- Lexan companionway drop board with teak storage rack in cockpit locker.
- Double Macwhyte 5/32" coated vinyl lifelines & tapered S.S. stanchions w/custom bases, custom double S.S. bow & stern rails, and stern gate.
- (2) 12" x 20" & (2) 12" x 24" poly mesh line bags.
- Teak flagstaff and 3 x 5 American flag.

## *Galley*

- Gimballed, 2 burner, non-pressurized Origo alcohol stove/oven w/S.S. safety bar & cutting board.
- Deep highly polished stainless double sink recessed below 1/4" **Off-White Fountain Top counter covering**.



- Molded 6.0 cu.ft. icebox with 4" foam insulation, dual lids, utility storage shelf and slider.
- (2) Dry goods storage areas w/mid-height shelf & lexan slider covers.
- Cup/Bowl & Plate storage on aft galley bulkhead.
- Two utensil drawers
- Pot storage cabinet with **mid-height shelf** below drawers.
- Laminated cold molded fiddle.
- Additional pot and pan storage under oven.
- Trash storage under sink w/flip lid access.
- Cabinet for cleaning supplies under sink.

### Choice of Spars

- Hall Spars 6061-T6 tapered aluminum performance mast section with double airfoil spreaders, finished in off-white Awl-grip, w/painted black bands, steaming light, internal wire conduit and pre-drilled head ventilation holes, or Hall Spars custom engineered Carbon Fiber Mast built with epoxy prepreg medium modulus carbon & autoclave curing to 80 psi at 250deg. F. finished in off-white Awl-grip with similar details as aluminum for a saving of 120lbs aloft. Also included w/carbon mast standard is the Harken Bat Car luff track **and custom Harken slider cars.**
- Hall Spars boom w/welded end fittings, 8:1 internal outhaul purchase system, mainsail reef sheaves, mainsheet bail, and Quik-Vang lug. Finish in off-white Awl-grip w/painted black band.
- Retractable Carbon Fiber J/Sprit extendable to 7' beyond bow w/molded GRP end caps, Wichard U-Bolt, and Harken blocks.

### Standing & Running Rigging

- Continuous Navtec Rod System w/Series 200 turnbuckles, -12 headstay, -12 upper and lower shrouds, -10 intermediates, & -10 backstay.
- Harken split-drum 1.5 headsail furling system.
- Sailtec -10 integral hydraulic backstay w/13.5" of adjustment.
- Hall integral B-12 Quik Vang with 8:1 Harken purchase system.
- Marlow bright, color-coded running rigging package with Spectra Halyards, Kevlar checkstays, low-stretch polyester sheets, control lines, and reef lines.

### Interior

- White Formica bulkheads and furniture with teak cold molded trim, teak drawer and cabinet faces.
- Vinyl lined hull siding throughout.
- Varnished teak & holly cabin sole.
- Forward cabin w/private head entrance, hanging locker with mesh cover, changing seat with cushions and storage below, duffle storage bin below berth, and drawer storage to starboard.
- Aft cabin to starboard including hanging locker with mesh cover, changing seat outboard w/storage under, and large 6'6" berth.
- Settee berths in main cabin with large backrest storage compartments, teak shelves, and pigeon-hole storage outboard of back rests.

- Standard interior cushions w/choice of Sunbrella fabric colors. Main cabin 2-part split seat-back cushions double as cockpit seat cushions.
- Drop-leaf table with cold molded fiddles.
- Large chart table w/chart storage and overhead electrical & instrumentation panel. Tool storage below **hinged seat.**
- Forward head with two access doors (from forward stateroom and main cabin) including a manual shower, vanity, mirror, and storage. This area contains mast & separate sump.
- Chain/rope locker access forward of V-berth w/nylon zippered mesh cover.
- Teak and vinyl overhead in main, forward and aft cabins.

### Options

#### Graphic Group

- Two Tone Deck
- Cove Stripe

#### Comfort Group

- (3) Helmsman Side & Centerline Seat Cushions.
- (4) Custom Acrylic Covered AC Hose Lifeline Covers for Helmsman (to match non-skid color).
- (6) Bomar bronze tinted opening ports on cabin trunk (in lieu of fixed).
- (2) Lewmar Ocean Vent Hatches for Aft Cabin and Galley.
- Thurston Mainsail Cover with J/120 Emblem (to match dodger color)

#### Systems Group

- Hot & Cold Pressure Water w/6 gal. water heater
- Head Shower Sump Pump
- Cockpit Fresh Water Shower.
- 110V Shore Power System includes: 110V Panel, 3 110V Outlets, 50' Power Cord, and Receptical.

#### Deluxe Trim Group

- Varnished Cockpit Table w/storage bag
- Varnished Main Cabin Table
- (2) Drawers in Nav. Station
- (2) Shelves one each for Forepeak and Aft Cabin

#### Single Options

- Autoclaved Carbon Fiber Boom complete with mainsheet bale, Quik Vang lug, reefing gear, outhaul car with 8:1 internal purchase and finished in off-white Awl-grip (in lieu of std.).
- 5.9' Shoal Draft Keel.
- Seafoam Engine Driven Refrigeration System.
- Force 10 2-Burner Propane Stove System w/Oven.
- Seaward P2001 Microwave Oven (650 watts, 110v req'd).
- Main Cabin Fold-up Pilot Berths.
- Boarding Gate Port and/or Starboard.
- Battery Charger (110V or Systems Group req'd).
- Cabin Fans.
- Skylight Hatch & Companionway Screens.
- Vertical Window Shades.
- Removeable Bow Roller & Hawse Pipe.
- Molded Vertical Anchor Well.
- Teak Ceilings in Main Cabin.
- Cradle.
- Shrinkwrap.

### Notice

Specifications subject to change without prior notice or obligation. J/120s will be constructed with specifications in effect at time of construction. This specification is effective beginning with J/120 Hull #25. J Boats reserves the right to periodically upgrade these specifications through additions, deletions and substitutions.