

# J/130 Specifications

## HULL & DECK

- . Lloyd's approved, aircraft grade CK57 (6 lbs/cu.ft) Baltek end grained balsa laminate construction using impregnated and vacuum-bagged biaxial glass fabrics. Interplastic vinylester resin on the outer hull skin for a 10 year warranty against blisters.
- . Lead & antimony fixed 6350 lb. 8.5' draft, fin keel with bulb bolted to a deep moulded stub.
- . White (other colors are optional) Gel Coat hull with single (1.75" to 3.25") tapered bootstripe and cove stripe with "J".
- . Bonded hull to deck joint through-bolted with ORC 1.5" toe-rails forward of mast and outboard of primary winch and clear anodized 6' sections of 1.25" T track between midships stanchions for reaching leads.
- . Stainless steel handrails on cabin trunk.
- . GRP molded main structural bulkhead, glassed fore & aft on hull and deck as support for shroud chain-plates with dual openings for head and forepeak.
- . Heavy-duty transverse keel support beams.
- . Fabricated Aluminum Mast step with transverse webs fastened to the main bulkhead.
- . Cockpit seat locker to starboard.
- . Afterdeck gear locker and steering access.
- . 5"x24" instrument pod integral to seahood.

## PROPULSION & STEERING

- . Yanmar 47 hp, 3 cylinder, turbo-diesel engine with fresh water cooling, Racor filter & 50 amp alternator.
- . Yanmar Type C recessed engine instrument panel in cockpit with lexan cover.
- . Morse control gear shift and throttle.
- . 30 gallon alloy fuel tank with baffles and inspection/clean-out port located under aft double quarter-berth.
- . Martec 20 x14 folding prop with 1.25" Aquamet shaft
- . Balanced, elliptical spade rudder constructed with unidirectional glass rovings and large diameter shaft mounted in Harken bearings.
- . Teak helmsman foot braces.
- . Edson 54" diamond series, leather grip, white aluminum destroyer wheel in well, mounted on custom molded pedestal with guard and integral binnacle housing a 5" Ritchie compass.

## PLUMBING

- . Icebox drain with valve.
- . 35 gallon water tank with baffles under starboard settee berth and 25 gallon tank under port settee berth.
- . Raritan PH-2 head with 13 gallon holding tank having direct and holding tank overboard discharge.
- . Cockpit operated bilge pump.
- . Automatic electric bilge pump.

## DECK HARDWARE

- . Two Lewmar 58 AST, 2 speed primary winches with 5:1/13:1 gear ratios and 56:1 power ratio.
- . Two double Harken 553 footblocks with double lock-offs for spinnaker sheets and checkstays.
- . Two single Harken 511 footblocks to deflect genoa sheets around dodger.
- . Two Lewmar 44AST, 2 speed mainsheet winches.
- . Two Lewmar 48AST self-tailing, 2 speed, secondary, checkstay & halyard winches mounted on the cabin trunk.
- . One Barient double lock-in 10" winch handle and three single lock-in 10" handles.
- . Four PVC winch handle holders
- . Aluminum mast collar.

- . Four Antal halyard/reef turning blocks.
- . Two double Lewmar Grand Prix clutch stoppers (white) mounted forward of secondary winches.
- . Harken 560-5 traveller track with Harken 609 self-tacking traveller car with single swivel bullets on springs outboard for traveller control line.
- . Two Harken 504 mainsheet blocks mounted on traveller and one Harken 504 mainsheet block on boom bale.
- . Two Harken 642 and two Harken 653 blocks for centerline checkstay system. Checkstays lead thru Harken 553 double turning blocks with lockoffs to primaries or secondaries.
- . #3-#4 headsail "T" tracks (3'x1.25") and #1-#2 genoa "T" tracks (6'x1.25") with two heavy duty Schaefer 32-03 lead blocks with plunger pin stops.
- . Two 6'x1.25" "T" tracks (P&S) between lifeline stanchion bases for genoa reaching and spinnaker twing leads.
- . 3' teak toe-rail outboard of primary winch (P&S)
- . Two Harken 643 spinnaker sheet lead blocks with becketts mounted forward of the sternrail support on U-bolts.
- . Stainless double rail bow pulpit and stern rail with gate.
- . One Harken cam cleat with bullseye fairlead and 3 additional bullseye fairleads to guide roller furling control to port side of cabin trunk.
- . Harken thru-deck block, 3 bullseye fairleads and camcleat with fairlead mounted on starboard side of cabin trunk for pole launching line.
- . Two Harken 125 Big Bullet spinnaker twing blocks on 25' of 5/16" braided polyester line leading through two Schaefer 73-52 eye slides with pin stops, through pole/roller fairleads and to Harken 150 cam cleats with eyestraps on top mounted trunk to lead into cockpit.
- . Two Harken camcleats with eyestraps mounted on starboard side of cabin trunk above pole control for snuffer control lines.
- . Welded stainless stemhead.
- . Tapered lifeline stanchions.
- . Three 4-bolt mooring cleats.
- . Four Lewmar articulated, bronze tinted acrylic hatches: 24x24 foredeck, 20x20 skylight, one 10x10 vent in head and one 8x8 over quarterberth.
- . Six Bomar bronze tinted fixed ports in cabin trunk. *Opening ports are optional.*
- . Two custom bronze-tinted ports in forepeak/head.
- . Lightweight, cored companionway sliding hatch and lexan offshore dropboard with inside/outside opening, lockable hasp.
- . Custom Thurston acrylic dodger with center vent and removeable side curtains.
- . Custom stainless swimming ladder with maintenance free composite steps.
- . Four polypropylene mesh line bags.

## ELECTRICAL

- . Two Prevalier, deep cycle, gelcell batteries.
- . Deluxe Bass battery switch.
- . Deluxe backlit electrical panel w/circuit breakers.
- . Navigation & steaming lights.
- . All chainplates with lightning grounds.
- . Six swiveling white halogen reading lights.
- . Three red/white dual intensity dome lights
- . One fluorescent light in head.

## GALLEY

- . Highly polished double stainless sink.
- . Two burner Origo 6000 alcohol gimballled stove with



third burner in oven.

- . Fresh water foot pump.
- . 6 cu. ft. hinged top opening icebox.
- . Dry goods storage bins.
- . Griddle and pan storage locker under stove.
- . Two flatware and utensil drawers.
- . Pot storage and wrapper shelf locker.
- . Formica counter tops with high teak fiddles.
- . Large Rubbermaid trash bin storage area with flip lid access under sink.

### SPARS & RIGGING

- . Custom Hall tapered and tip milled aluminum 6061-T6 alloy mast with triple airfoil spreaders, Awlgrip off-white finish, painted IMS bands, and wire runs.
- . Belowdecks mast ventilation holes in head.
- . Harken Unit 2.0 roller furling unit with removeable drum.
- . Navtec discontinuous rod rigging and turnbuckles.
- . -17 Headstay with HF jaw and standard turnbuckle; backstay with marine eyes, V1 with SS tip cup and standard turnbuckle; V2 with SS tip cup and tapered stemball; V3-V4 with stemball and spreader bend stemball; D1 with stemball and standard turnbuckle; D2 with stemball and tip turnbuckle; D3 with stemball and tip turnbuckle.
- . Double masthead spinnaker halyard sheave.
- . Double genoa halyard exit sheaves at hounds.
- . One genoa halyard of red code 1/2" Spectra with Sparcraft SS6 shackle.
- . One spinnaker halyard of 1/2" Spectra (blue)
- . Main halyard of 1/2" Spectra white braid with SS captive pin shackle.
- . Mainsheet of white 1/2" XLS Dacron braid.
- . Traveller control lines of 5/16" VLS Dacron (black).
- . Custom carbon-fiber retractable 7.0' J/Sprit for asymmetrical spinnaker fitted with Harken double block for outboard sprit snuffer control, Harken single and single with becket shock cord retraction blocks and double Harken thru-deck blocks and single eye strap mounted on inboard of sprit.
- . J/Sprit launching line of blue code 5/16" VLS braid led aft to starboard side of cockpit.
- . Two (blue/yellow code) spinnaker sheets of 3/8" XLS-900 Spectra with Sparcraft SS-6 shackles.
- . Two (red code) genoa sheets of 1/2" XLS-900 Spectra.
- . 14" Sailtec integral hydraulic backstay cylinder.
- . Hall QuikVang.
- . Custom SS chainplates, stemhead & backstay tang.
- . Main boom with double jiffy clew reefing sheaves.
- . One reef doubles as cunningham with stainless hook and block.
- . Two mainsail clew reef lines of red & green code 1/2" LS Dacron braid.
- . 6:1 internal mainsail outhaul with Harken car.
- . Double "disappearing" checkstay system for racing and heavy air upwind with upper of 3/16" SS wire attached with lower of 5/32" SS wire to Sparcraft 6 shackle. Lower to have internal mast adjustment to permit take-up and storage at base of shrouds when not in use. Tail of 7/16" Aramid 85.

### INTERIOR

- . There are two oval doorways forward through the main bulkhead into the forward stateroom area, with an enclosed head to starboard, and a bench seat and hanging locker to port. A watertight bulkhead forward does double-duty as access to the catch basin for water getting past the retractable carbon J/Sprit's Nylon bearings and as a self-draining storage area for an anchor rode when using a hawse pipe in cruising mode. Behind this and forward of the head is a large double V-berth with sail storage underneath forward and duffel storage aft, accessible without lifting bunk lids.
- . Enclosed head with mirror, open storage outboard,

dual purpose shower/sink spigot, TP holder and doors into the main cabin and forepeak.

- . Finish is off-white Formica facing with teaktrim on vertical surfaces and bulkheads; lightweight, cored bunktops with white finish; teak drawer and cabinet trim.
- . Overhead and hull lining is matching vinyl in the main cabin and forepeak.
- . Satin finish varnished teak & holly veneer floor panels with underside and ends sealed with epoxy.
- . Choice of heavy-duty, water-resistant Sunbrella Acrylic interior cushion color with white vinyl piping.
- . In the main cabin, there are two main settees with pilot berths outboard. The hinged, inboard half of the pilot berths hinge down as backrests, which when hinged up provide access to storage compartments and serve as adjustable seaberths.
- . Lightweight teak main cabin, dorp-leaf table with stainless steel supports.
- . Large, sit-down, forward facing 24x36 nav table with chart storage, overhead instrument panel and outboard book shelf. A wet hanging locker is located just aft of the nav station.
- . Stainless steel overhead grab rails in main cabin.
- . Starboard aft is a large lazarette locker with storage retaining wall that is accessible through a hinged cockpit seat lid or oval door aft of the galley.
- . Port aft is a double quarterberth, accessible through an oval opening with curtain. Included is a shelf, reading light, duffel storage compartment and two opening ports with screens facing into the cockpit.

### OPTIONS

**Port Aft Stateroom** in lieu of quarterberth and sit down nav station. To achieve standing headroom space, a bulkhead and door is installed restricting design of the the nav station to either a "stand-up buffet counter with storage, the same with a swing seat and no storage other than charts, or an aft facing nav station using the main settee as a seat. Added is a vinyl-lined finish and cabin fan.

**Starboard Aft Double Quarter Berth** in lieu of a large lazarette locker with door. The seat locker is closed off to create a shallow locker for winch handles, etc. and a large quarterberth is installed with smaller access oval & curtain, single cockpit opening port, shelf and light. You may request that the locker bottom remain open so the space (with cushions lashed aside) be used for storage or berth.

**Systems Group** includes hot & cold pressure water in head and galley; head shower sump pump; cockpit shower; 110V shorepower (charger is separate), AC panel, 3 outlets (head, galley, nav station) and 50 ft. Cord; and Seafrost engine-driven refrigeration.

**Comfort Group** includes 6 opening ports in lieu of fixed ports in cabin house plus 2 opening ports facing aft into cockpit, Acrylic boom cover & lifeline pads outboard of helm location, and white vinyl cockpit seat and helmsman cushions. Three fans installed over V-berth and main cabin berths.

**Graphic Options** include contrasting non-skid color on deck; hull color other than white, additional stripes or colors on hull.

**Supplementary Halyard Group** on cabin trunk aft of mast includes Harken 44.2AST winch, double Lewmar GP stopper, line bag, 2nd spinnaker & genoa halyards and turning blocks.

**Commissioning Package** includes 2 coats sprayed Petit Sailcote bottom paint, 2 large fenders, 4-40' white braided dock lines, and 3x5 American Flag on teak staff.

Specifications subject to change without prior notice or obligation. J/130s 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.

March 1, 1993