

FREEDOM ★ 45



Specifications

LOA — 44'6"
LWL — 34'5"
Beam — 13'6"
Lead Ballast — Wing 9,500 lbs.
Deep 9,500 lbs.
Mast Height Above Water — 63'

Sail Area — Main 611 sq. ft.
Jib 262 sq. ft.
Draft — Wing 4'11"
Deep 6'6"
Displacement — Wing 22,992
Deep 22,992

STANDARD EQUIPMENT

Hull & Deck

ABS Classified Construction.

Lloyd's approved Baltek Contourkore end grained balsa laminate construction using biaxial and unidirectional glass roving with interplastic vinyl ester resin on the outer hull layer for optimum blistering resistance.

Lead & Antimony fixed 9500 lb., 6'6" fin keel bolted and bonded to a deep molded stub.

White, Ivory, Smoke White or Seattle Gray hull with boot stripe and molded in fiberglass rub rail with stainless steel nosing.

White smooth surfaces on deck with contrasting nonskid.

Hull to deck joint bonded with 3M 5200 and bolted on 6" centers then covered with clear anodized aluminum toe rail with mooring and docking fairleads.

Large lazarette locker to starboard

Propane locker to port with one 20 lb. aluminum bottle vented overboard.

Anchor locker located in bow with locking cover.

Molded instrument pod located over companionway for easy viewing from anywhere in cockpit.

Solid GRP transverse floor supports located over keel.

Propulsion & Steering

Yanmar 4JH2-HTBE 75 H.P. marine diesel with FWC and seawater strainer.

Lighted engine instrument panel in cockpit with oil pressure, and water temp. gauges, LED warning lights and hour meter.

Engine room blower.

Edson 36" S.S. destroyer wheel on binnacle with 5" compass, brake, single lever engine control, and pedestal guard.

65 gallon aluminum fuel tank with inspection port and remote gauge located at electrical panel.

Custom molded GRP engine panel control housing located near pedestal for easy access.

3 blade fixed prop with 1 1/4" stainless shaft.

Aluminum emergency tiller which locks onto rudder post.

Engine room insulation with 1 lb./sq. ft. lead sandwiched between two 1/2" pieces of foam.

Plumbing

All marlon seacocks with double clamped hoses below the W/L. Hot & cold pressure water to galley and two heads.

12 Gallon S.S. hot water heater.

Fresh water hand pump located at galley.

Ceramic sinks located in heads.

Electric pumps for sumps for two showers.

Manually operated bilge pump in cockpit.

Two aluminum water tanks located in bilge, 160 gallon total water capacity with pick-ups on top of tanks.

Two Raritan PH-2 heads with holding tanks.

Overboard discharge with Y-valve for holding tank.

Holding tanks: Fwd head 14 gallon and aft head 14 gallon.

Dockside water inlet located in cockpit with valving manifold located under galley.

Fwd head with hand held shower and teak shower grate.

Aft head with shower stall, hinged teak seat & shower grate.

Electric bilge pump with capacity rating of 2000 GPH.

Fresh water shower, hot and cold on swim platform.

Deck Hardware

Barient 28STC electric 2-speed primary cockpit winch with foot switches for high and low speed.

One Barient 27STC 2 speed winche for reefs.

Stainless welded double bow pulpit with split stern rail.

Transom steps with teak treads lead down onto swim platform w/custom folding swim ladder.

10" bow cleats: 2 bow, 2 midships and 2 stern.

Five Lewmar hatches located as follows: Fwd cabin, trapezoidal, fwd head-10x10, main cabin two 15x15, aft cabin 24x24.

Eleven stainless steel opening ports w/screens located in cabin trunk sides and in cockpit looking into galley.

Four stainless steel opening ports w/screens located in hull.

Four large fixed ports made of safety glass in main cabin.

Lexan companionway slider with aluminum rail and lexan drop board with lockable hasp.

Harken mainsheet traveller with control system.

Double white PVC coated lifelines, gates P&S, Gibb hooks.

Custom high/low cushioned seat lacks in cockpit.

Locking chocks at bow with custom open chocks midships and aft.

Hand held fresh water hot & cold shower located in swim platform.

Deck drains with discharge below waterline.

Electrical

Thirty-three 12 volt lighting fixtures including:

- 7 R/W aircraft style dome lights
- 7 indirect lighting fixtures
- 4 courtesy lights
- 7 florescent strip lighting
- 8 reading lamps

Three 220 amp Rolls batteries.

Two 80 amp alternators.

Digital electrical panel with battery condition meters and circuit breakers.

Dual battery switches for separate control for engine and distribution center.

115V-50 amp shore power sys. w/50 ft. cable and 6 115V receptacles.

Navigation lights; anchor, steamrig, running lights.

Coaxial cable in mast for VHF radio.

Battery charging system from 111V with failsafe shut off.

80 amp stainless steel Pro Marine battery charger.

All large masses lighting protected with grounds.

Separate breaker panel at nav station for electronics.

Propane electric solenoid with remote switch at main distribution panel.

Galley

Large single stainless sink with stainless drain board.

3 burner propane stove/oven and broiler.

Hot & cold pressure faucet with mixer valve.

Large dry goods storage cabinet with three drop down doors which create extra counter space

Large storage bin fwd of stove with counter lid.

Plate, bowl, glass and cup storage above counter and below.

Utensil drawers with organizer.

Pot storage under oven.

110 volt receptacle location for toaster oven and other electrical accessories.

Storage compartment under sink for cleaning supplies.

2 ice boxes

Spars & Rigging

Carbon fiber free standing spar.

Hall integral tubular Quik Vang.

Complete running rigging including: Main halyard, jib halyard,

2 reefs, topping lift, lazy jacks, headstay, main sheet and jib sheet.

Main boom with reefing gear and adjustable outhaul car.

Harken Battside track on mast only. Batten cars not to be supplied by Freedom Yachts.

Interior

All bulkheads sawn Grade AA matched grain wood.

Varnish interior - 3 coats of sealer, 2 coats of satin varnish.

Choice of interior wood - Ash, Cherry or Teak.

Solid wood frame doors.

Cold molded alternating wood risers.

Cold Molded alternating wood door jams.

Teak and Holly sole finished with 3 coats of varnish.

Choice of Scotchguard heavy duty fabrics on stateroom berths and main cabin settees and main cabin pleated shades.

Solid teak or cherry drip/grab rails integral to port and starboard cabin house side in main salon.

Choice of 3 formica laminate colors.

New contoured cushion design.

Fwd head to stbd with access from main cabin and slider to fwd cabin. Includes shower with separate control, vanity, teak grate, mirror and storage.

Easy hook positive catch door latches on all cabinet doors.

Aft head with access from aft cabin for owners private head including separate shower stall with pull across shower curtain, shower with adjustable bulkhead mount shower head, seat in shower stall with storage beneath, storage closet and bin.

Fwd cabin with large v-berth with filler section, large hanging locker, drawers port, stbd, and larger drawers under v-berth.

Main Cabin interior large with L-shaped settee to stbd with back rest storage compartments.

Locker doors in face of port settee.

Built in entertainment package including color TV, cassette tape deck, AM-FM radio and video cassette player.

Bar unit to port w/inside storage for glasses and bottles.

Large capacity storage cabinet with shelves above starboard settee.

Large table in main cabin with bin top and storage cabinet on aft end.

Drinking glasses for bar with Freedom logo.

Nav Station

24" x 45" chart table with chart storage beneath. Sliding utensil tray located under chart table lid.

Large black instrumentation mounting panel.

File cabinet located at nav station.

Extra large wet locker.

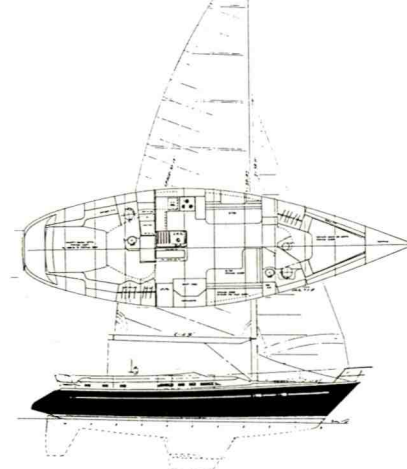
Owners Cabin

Large walk around double berth.

Port side vanity with stow away mirror.

Large hanging locker to stbd.

Drawers to port and stbd with sliders above spacious counter top.



OPTIONS

98810 Standard Optional Hull Color Available: Flag Blue

98811 Double Boot Top

98817 Custom Hull Color

98821 Shoal Draft Wing Keel

Deck

98829 Teak Decks With Contrasting Nonskid Color

98831 Teak Toe Rail

98832 Spinnaker gun mount package: includes spinnaker pole, deck hardware, sheets & halyards.

98833 Micro 4" stainless steel solar vent installed on midships hatch.

98837 Seawolf Electric Windlass Mounted In Anchor Locker

98838 Plath Glass Dome Compass W/SS Mount In Lieu Of Std

98839 Teak Dorades.

Interior

98844 Microwave Installed In Galley

98845 Custom Laminate In Galley & Head

98846 Custom Swivel Chairs In Main Salon

98847 ULTRASUEDE fabric in main cabin with standard fabric throughout the rest of boat.

Electrical/Electronics

98854 Electric fan - specify cabin.

98856 Foredeck Flood Light On Mast

98859 Copper Ground Plane Glassed Into Hull Below Waterline. (3" wide)

Plumbing

98864 Seagull IV Purification System

Mechanical

98870 Max Prop - 3 Blade

98871 Oil Changing System

Miscellaneous

98890 Extra 20 lb. Aluminum Propane Tank

98891 Steel Cradle

98893 Cockpit Cushions

98894 Cockpit Dodger

98895 Cockpit dodger with handrail.

98801 Sea Water Recovery

98802 "Northern Lights" 5 KW Generator

98803 Sea Water Washdown Pump W/Outlet In Locker

98805 DC Grunnert A.R. 50 Refrigeration System W/Separate Freezer

98807 Trashcompactor Built Into Cabinet In Galley

98809 Marine Air Reverse Cycle Air Conditioner/Heater 16,000 BTU

98814 2800 Watt Inverter.

98815 Elk hide covered 36" wheel in lieu of std.

*SPECIFICATIONS, OPTIONS SUBJECT TO CHANGE WITHOUT NOTICE

Specifications are based on the latest information available at time of publication approval. The right is reserved to make changes at any time, without notice, in specifications, prices, materials, colors, equipment and models or to discontinue models.

FREEDOM ★ YACHTS ★

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