



Krogen 44' AE

Standard Specifications

Length Overall (LOA) - 49' 0" (14.94 m)
Length on Deck (LOD) - 44' 4" (13.51 m)
Length at Waterline (LWL) - 40' 11" (12.47 m)
Beam (Molded) - 15' 6" (4.72 m)
Beam (Over Rub Rail) - 16' 4" (4.98 m)
Draft (Designed Water Line - DWL) - 4' 6" (1.37 m)
Displacement (DWL with Half Load)
43,140 lb. (19,569 kg)
Ballast (Encapsulated Lead) - 2,500 lbs. (1,134 kg)
Fuel - 850 gal. (3,218 l)
Water - 300 gal. (1,136 l)
Approximate Bridge Clearance with Mast Up - 23' 3" (7.09 m)
Approximate Bridge Clearance with Mast Down - 13' 8" (4.17 m) (DWL to top of flybridge coaming)

CONSTRUCTION

- Hull and superstructure molds from high-grade female tooling.
- Hull construction includes use of USA-made, Cook® gel coat. Hand-laid Knytex® fiberglass construction with Corecell® closed-cell PVC sandwich core used in topsides. Solid fiberglass below waterline with blister-resistant vinylester resin utilized on first two laminates below the waterline, with aramid fiber/FRP reinforcements.
- Superstructure includes Corecell® closed-cell PVC sandwich core and Knytex® surface mats for print-through reduction.
- Teak aft and side decks. Boat and fore decks have GripTex® non-skid finish. Bulwark has molded plank lines with gel coat finish.
- Polyurethane formulated marine sealants used at hull-to-deck, boat deck joints and exterior fittings.
- Marine-grade plywood bulkheads with molded fiberglass hat section stringers.
- Interior finished with handcrafted solid cherry and veneers.

MACHINERY

- Engine: Tier III John Deere® #4045AFM85 160 bhp @ 2300 rpm with ZF Marine® #280-1 gear.
- Shaft: Aquamet® 22, 2" diameter.
- Shaft Seal: Tides® dripless.

- Propeller: Hung Shen®, bronze, 4-bladed, 28" diameter, 25" pitch.
- Rudder: stainless steel with protective shoe.
- Bilge Pumps: (4) Rule, @ 2,000 gallons-per-hour with Ultra® high water alarm (2 stations).
- Emergency Bilge Pump: tied into the raw water intake for the main engine.
- Muffler: Centek®, fiberglass.
- Steering: Teleflex®, hydraulic (2-station).
- Controls: ZF Marine®, electronic (2-station) with MC2000-4R control heads.
- Fuel Tanks: (2) aluminum with sight gauges.
- Fuel Filters: Dual Racor® w/ vacuum gauge for main engine.
- Engine room intake and exhaust fans with moisture eliminators.

COMPONENTS

- Electrical Panel: 110/220-volt AC and 12-volt DC with circuit breakers.
- Tinned wiring, throughout.
- Battery Boxes: fiberglass.
- Batteries: Lifeline® AGM (1) 255-amp/hr engine starting, (4) 255-amp/hr ship service.
- Inverter/Battery Charger: Mastervolt.
- Battery Charger: Mastervolt® 35 amp.
- High Output Alternator with External Regulator: Balmar® 270 amp.
- Isolation Transformer: Energy Solutions®
- Water Piping: copper, insulated.
- Dockside Water Pressure Regulator: (2) Jabsco®.
- Pressure Water System: Headhunter Mach 5 Multistage Fresh Water Pressure Pump, 115V AC.
- Water Heater: Raritan®, 20-gallon capacity.
- Water Tank: 316L stainless steel 300-gallon total capacity.
- Holding Tank: polyethylene, 52-gallon capacity with macerator.
- Fire Suppression System: Sea-Fire® FD-1150M with automatic shutdown, alarm and manual pull.

EXTERIOR

- Exterior Cushions upholstered in Sunbrella Marine grade fabric and Exterior Canvas package.

- Prep, prime and paint bottom with 2 coats of Sea Hawk Epoxy Primer and 2 coats of Sea Hawk Cukote™ antifouling paint. Color: dark blue.
- Prep, prime and paint running gear with PropOne, two-coat paint scheme comprising of an anti-corrosive primer coat and foul release coating (clear coat).
- Sand and prep Teak cap rail, name boards and flag staffs and apply eight coats of varnish.
- Doors: weather-tight, welded aluminum, (1) saloon, (2) Dutch-style in pilothouse painted to match superstructure.
- Windows: 12 mm non-opening tempered glass throughout.
- Master Stateroom Hatch: Lewmar®, with Oceanair Skyscreen and shade.
- Ports: Man Ship®, stainless steel with screens.
- Thru-Hulls and Seacocks: bronze.
- Hawse Pipes: 316L stainless steel.
- Mooring Cleats: 316L stainless steel Bow Eye: 316L stainless steel.
- Fuel fill spill prevention box.

Aft Deck

- Cockpit with teak decking.
- Transom door with stainless steel latch handle and holdback.
- Swim Platform: fiberglass with under mount swim ladder and (2) folding cleats.
- Lazarette access hatch with ladder.
- Emergency Tiller.
- Side Boarding Gates: (2) with stainless steel latch handle and hold back.
- Ladder: stainless steel with teak treads to Flybridge/Boat Deck.
- Fresh Water Bib.
- Transom Shower: Scandvik® hot/cold fresh water.
- Shore Power Inlet: Marinco®, 30 and 50 amp; 50 Amp 240V 50' shore power cord included.
- Overhead LED blue/white combination lighting.

Flybridge/Boat Deck

- Boat Deck Railings: welded 316L stainless steel.
- Mast/Boom/Tabernacle and Rigging: aluminum, painted and hinged, with masthead, steaming and spreader lights.
- Wheel: Edson®, stainless steel, destroyer type.

- Helm Chair: Pompanette®.
- Compass: Ritchie®.
- Horn: AFI Marinco 12V D.
- Propane Locker: Trident® with (2) 20lb aluminum propane tanks.

Bow

- Bow Railings: welded 316L stainless steel.
- Bowsprit and Pulpit with (2) anchor rollers.
- Windlass: Maxwell 2500 VWC, 12V DC, with chain wheel and independent rope capstan and 300' of 3/8" HT chain and 55-lb. Rocna Vulcan anchor.
- Watertight Anchor Locker Deck Hatch: Freeman Marine®.
- Shore Power Inlet: Marinco®, 50 amp.
- TV Inlet: Marinco®.
- Fresh Water Bib.
- Salt Water Anchor Washdown: ShurFlo®

INTERIOR

- Overhead Lighting: i2 Systems® LED with Vimar switches.
- Courtesy Foot Lighting: i2 Systems® LED
- Wall and Reading Light Fixtures: LED.
- AC Receptacles: Vimar.
- Cherry and Spruce Floors.
- Choice of UltraLeather fabric, single color from KKY selection.
- Sole hatches to be gasketed and have locking mechanism.
- Doors: Solid Cherry or solid Cherry gasketed with holdbacks.
- Hanging lockers to have automatic interior light controls.
- Drawers equipped with stainless steel slides.
- CO Detectors: Fireboy® - Xintex.
- Smoke and Fire Alarms: Fireboy®-Xintex.

Saloon/Galley

- Settee: Ultraleather L-shaped starboard with storage below.
- Table: Cherry, fold-out top with high/low base.
- Sliding screen on saloon door.
- Bookcase/Storage Unit: Cherry with Silestone® countertop
- Galley window: 18" x 24" Round Mainship Portlight with screen.
- Galley Sink: stainless steel, single basin with Grohe® faucet.
- Below counter trash and recycling pull-out container.
- Galley Counter Tops: Silestone® Quartz - Zeus Blanco Polished.
- Galley Appliances: Stainless Steel Finish
 - Refrigerator: GE®.
 - Stove/Oven: Bluestar® 24" propane.
 - Microwave/Convection Oven-GE®.

Pilothouse

- Compass: Ritchie®.
- Rudder Angle Indicator: VDO®.
- Windshield Wipers with Washers: (3) Imtra®.
- Wheel: Cherry.
- Convertible settee with Cherry High-Low Table: converts to double.
- Overhead Hand Rails: (2) Cherry.
- Overhead electronics cabinet.
- Overhead Lights: i2 Systems red/white combination, LED.
- Electronics Console: cherry, raised wedge shaped with removable face.
- Chart Drawers
- Chart Lights: (2) Imtra®, LED.
- Holding Tank Indicator and Control Panel: SeaLand® TankManager™.
- STIDD Admiral Low Back Helm Chair.

Master Stateroom

- Island queen berth with drawer storage below and pneumatic lift struts on bed platform.
- Foam mattress.
- Hanging lockers.
- Bureau with drawers.
- Mirror with Cherry wood trim.
- Flooring: Cherry and Spruce floors.
- Overhead Lighting: LED with Vimar switches.
- Hatch with Oceanair Skyscreen and shade.
- Wall Lighting: (2) with shade.

Guest Stateroom/Den

- Desk with settee that converts to double berth and pullman berth above.
- Overhead Lighting: LED with Vimar switches.
- Hanging locker.
- Reading Lights: Imtra LED.

Head

- Toilet: Dometic/MasterFlush® with status panel.
- Shower: molded fiberglass with tempered glass door.
- Counter Top: Silestone® Quartz -Zeus Blanco Polished.
- Sink: Corian.
- Overhead Lighting: LED with Vimar switches.
- Mirror with Cherry Wood trim and LED fixtures.

Companionway

- Washer/Dryer: GE®.

Engine Room

- Sound Insulation: Pyrotek, Sorberflex with perforated aluminum.
- Lighting: Imtra®, LED.
- Stanchion Isolators: Soundown.
- Sole boards with Awlgrip non-skid paint.
- Fresh water hose with nozzle.

COMMISSIONING PACKAGE ITEMS

- Provide the following KKY-colored, 3/4-inch braided dock lines:
 - (2) 45-foot lengths, custom color, one end whipped red and the other end with a 3-foot eye.
 - (4) 30-foot lengths, custom color, one end whipped gold and the other end with a 3-foot eye.
 - (4) 3/8-inch x 30 feet fender lines, custom color, with ends whipped, no eyes.
- Provide Commissioning Safety Kit, as follows:
 - (2) Type I Offshore Jackets.
 - Type II Near-Shore Buoyant Vest Sets (contains 4).
 - Type IV Ring Buoy.
 - (4) 12"x34" Big B Taylor® white fenders
 - US Yachting Flag, 30"x48" size.
 - Handheld Air Horn.
 - Flare Kit (25mm Alert/Locate).
 - US Coast Guard's "Rules of the Road"
 - Waste Placard.
 - Oil Discharge Placard.
 - Excursion First Aid Kit.
 - (4) Kidde® Mariner 110 Fire Extinguishers.
 - Boat hook, telescoping.
 - (1) 50-foot no-kink drinking water hose.
 - Gallon John Deere Cool-Guard.
 - Gallon John Deere Break-In Oil.
 - Provide two days of boat handling and systems orientation training.
 - KKY burgee, name plates, step plates and owner's plaque.
 - Owner's manual with detailed system schematics and docking plan.
 - Vessel Vanguard Yacht Management System.