



Krogen 48' AE

Standard Specifications

Length Overall - (LOA) 53' 0" (16.15 m)
Length on Deck - (LOD) 48' 6" (14.78 m)
Length at Waterline - (LWL) 45' 5" (13.84 m)
Beam (Molded) - 16' 8" (5.08 m)
Beam (Over Rub Rail) - 17' 4" (5.28 m)
Draft (Designed Water Line - DWL) - 5' 0" (1.52 m)
Displacement (DWL with Half Load) - 56,450 lb. (25,605 kg)
Ballast (Encapsulated Lead) - 4,500 lbs. (2,041 kg)
Fuel - 1,000 gal. (3,785 l)
Water - 400 gal. (1,514 l)
Approximate Bridge Clearance with Mast Up - 29' 3" (8.92 m)
Approximate Bridge Clearance with Mast Down - 14' 7" (4.44 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, 200 hp @ 2500 rpm with ZF Marine® #280-1 gear.
- Shaft: Aquamet® 22, 2" diameter.
- Shaft Seal: Tides® dripless.
- Propeller: Hung Shen®, bronze, 4-bladed, 32" diameter, 19.5" pitch.

- Rudder: stainless steel with protective shoe.
- Bilge Pumps: (4) Rule®, @ 2,000 gallons-per-hour with Ultra® High Water Alarm (2 station).
- 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: (3) 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) 210-amp/hr engine starting, (1) 210-amp/hr generator 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 Tanks: (2) 316L stainless steel 400-gallon total capacity.
- Holding Tank: fiberglass, 100-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, double doors in saloon, (2) Dutch-style in pilothouse, all painted to match superstructure.
- Windows: 12 mm non-opening tempered glass throughout.
- Master Stateroom Hatches: (2) 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 hold back.
- Swim Platform: fiberglass with under mount swim ladder and (2) folding cleats.
- Lazarette with access hatch and 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: Marincor®, 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®.
- Horn AFI Marinco 12V DC.
- Compass: Ritchie®.
- 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 with 88-lb. Rocna Vulcan anchor.
- Watertight Anchor Locker Deck Hatch: Freeman Marine®.
- Shore Power Inlet: Marinco®, 50 amp.
- 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, throughout.
- Cherry and Spruce floors.
- Choice of UltraLeather, 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 to have 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" opening with screen in lieu of portlight.
- Galley Sink: Stainless Steel, single basin with Grohe faucet.
- Galley Counter Tops: Silestone®Quartz - Zeus Blanco Polished.
- Below counter trash and recycling pull-out container.
- Galley Appliances: Stainless Steel Finish
 - Refrigerator - GE®.
 - Microwave/Convection Oven-GE®.
 - Range/Oven - Bluestar® 24" propane.

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™.

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.
- Overhead Lighting: LED with Vimar switches.
- Hatches with Oceanair Skyscreen and shade.
- Wall lighting: (2) with shades.

Master Head

- Toilet: Dometic Master Flush® with status panel.
- Showers: molded fiberglass with tempered glass door.
- Counter Tops: Silestone®Quartz - Zeus Blanco Polished.
- Sink: Corian®.
- Overhead Lighting: LED with Vimar switches.
- Mirror with Cherry wood trim and model LED fixtures.

VIP 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.

VIP Head

- Toilet: Dometic Master Flush® with status panel.

- Showers: molded fiberglass with tempered glass.
- Counter Tops: Silestone®Quartz -Zeus Blanco Polished.
- Washer/Dryer: GE®.
- Overhead Lighting: LED with Vimar switches.
- Mirror with Cherry wood trim and model LED fixtures.

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, ¾-inch braided dock lines:
 - (2) 50-foot lengths, custom color, one end whipped and the other end with 3-foot eye.
 - (2) 35-foot lengths, custom color, one end whipped and the other end with 3-foot eye.
 - (2) 30-foot lengths, custom color, one end whipped and the other end with 3-foot eye.
 - (4) 3/8-inch x 30 feet fender line, custom color, with ends whipped, no eyes.
- Provide Commissioning Safety Kit as follows:
 - (2) Type 1 Offshore Jackets.
 - Type 11 Near-Shore Buoyant Vest Set (contains 4).
 - Type IV Ring Buoy.
 - (4) 12"x34" Big B Taylor® white fenders.
 - US Yachting Flag, 30" x 48" 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.
- (5) 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.