



# Krogen 50' Open Standard Specifications

Length Overall (LOA) - 52' 9" (16.12 m)  
Length on Deck (LOD) - 50' 5" (15.39 m)  
Length at Waterline (LWL) - 45' 0" (13.72m)  
Beam (Molded) - 16' 9" (5.45 m)  
Beam (Over Rub Rail) - 17' 5" (5.33m)  
Draft with Single Engine at Designed Water Line (DWL) with Half Load - 5' 4" (1.65 m)  
Draft with Twin Engines at Designed Water Line (DWL) with Half Load - 4' 6" (1.40 m)  
Displacement (DWL with Half Load)  
68,000 lbs. (30,844 kg)  
Ballast (Encapsulated Lead) –  
5,000 lbs. (2,267 kg)  
Fuel - 1,240 gal. (4,469 l)  
Water - 400 gal. (1,515 l)  
Approximate Bridge Clearance to Top of Hard Top –  
19' 8" (6.02 m) (plus mast/antennas)  
Approximate Bridge Clearance with  
Arch Down - 16' 4" (4.99 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 Knytex® and mat (in combination with Corecell® cores) and surface mats for print-through reduction.
- Teak aft and side deck. 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.
- Vacuum bagged foam cored bulkheads with molded fiberglass hat section stringers.
- Interior finished with handcrafted solid cherry and veneers.

## MACHINERY

- Engine: Tier III John Deere® #6068AFM85, 230 bhp (172 kW) at 2300 rpm with ZF Marine 2.917:1 ratio gear.
- Shaft: Aquamet® 22, 2" diameter.
- Shaft Seal: Tides® driplens.
- Propeller: Hung Shen®, bronze, 4-bladed, 35" diameter, 19 1/2" pitch.
- Rudder: stainless steel with protective shoe.

- Generator: Northern Lights® 12KW with sound shield and water/exhaust separator.
- Bilge Pumps: (5) Rule®, @ 3,700 gallons-per-hour with Ultra® High Water Alarm (2 station).
- Emergency Bilge Pump: tied into the raw water intake on the main engine.
- Muffler: Centek®, fiberglass.
- Steering: Teleflex®, hydraulic (2-station).
- Controls: ZF Mathers Cruise Command (4-station).
- Fuel Tanks: (2) aluminum with sight gauges.
- Fuel Filters: Dual Racor® w/ vacuum gauge for main engine and generator.
- Engine room intake and exhaust fans with moisture eliminators.

## COMPONENTS

- Electrical Panel: 110/220-volt AC and 12/24-volt DC, with circuit breakers.
- Tinned wiring, throughout.
- Battery Boxes: fiberglass.
- Batteries: Lifeline® AGM (2) 12-volt wired in series for 24V DC engine starting, (1) 12-volt 12V DC generator starting, (8) 6-volt 400Ah wired in series for 24V DC ship service.
- Inverter/Battery Charger: Mastervolt.
- Battery Charger: Mastervolt 60 amp.
- Dual Alternators with External Regulators: Balmar® 190A and 50A DC.
- Isolation Boost Transformer: Energy Solutions®.
- Water Piping: copper, insulated.
- Dockside Water Pressure Regulator: (2) Jabsco®.
- Pressure Water System: Headhunter®, Mach 5 115V AC fresh water pump.
- Water Heater: Raritan®, 30-gallon.
- Water Tanks: (2) 316L stainless steel 400-gallon total capacity.
- Black Water Tank: fiberglass, 140-gallon capacity with macerator.

## EXTERIOR

- 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 name boards and flag staffs and apply eight coats of varnish
- Exterior Cushions and Covers Package:
  - FlyBridge cushions and covers.
  - Foredeck cushions and covers.
  - Windlass Cover.
  - Hatch Covers on foredeck.

- Doors: weather-tight, welded aluminum, (2) Dutch-style in Pilothouse, forward engine room door and aft engine room door. Saloon door, sliding with full glass panel.
- Windows: Windows: Fixed with tinted, tempered 12mm glass. Clear glass in forward facing pilothouse.
- Fore Deck Hatches: (2) Lewmar with Oceanair Skyscreen and shades.
- Ports: Man Ship®, stainless with screens.
- Thru-Hulls and Seacocks: bronze.
- Hawse Pipes and Cleats: 316L stainless.
- 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 access hatch with ladder.
- Side Boarding Gates: (2) with stainless steel latch handle and hold back.
- Transom Shower: Scandvik® hot/cold fresh water.
- Fresh Water Bib.
- Shore Power Inlet: Marinco®, 50 amp.
- Overhead LED blue/white combination lighting.

## Portuguese Bridge

- Wing stations with engine controls and start/stop panel (2).
- Boarding Doors: (2) with stainless steel latch handle and hold back.

## Flybridge/Boat Deck

- Boat Deck Railings: welded 316L stainless steel.
- Radar Arch: hinged, with masthead, steaming and deck light.
- L-shaped settee.
- Horn: AFI Marinco 24V DC.
- Wheel: Edson®, stainless steel, destroyer type.
- Helm Chair: (1) Pompanette®.
- Compass: Ritchie®.
- Propane Locker: Trident® with (2) 20lb aluminum propane tanks.
- Table: Teak with stainless steel pedestal.

## Bow

- Bow Railings: welded 316L stainless steel.
- Bowsprit and pulpit with anchor roller.
- Windlass: Maxwell® 2500 VWC, 24V DC with chain wheel and independent rope capstan with 400' 3/8" HT chain and 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: Imtra LED.
- AC receptacles, throughout.
- Cherry and Spruce floors.
- Choice of UltraLeather or Ultrasuede® 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 to have stainless steel slides.
- CO Detectors: Fireboy®-Xintex®.
- Smoke and Fire Alarms: Fireboy®-Xintex®.
- Fire Suppression System: Sea-Fire®. FD-1000M with automatic shutdown, alarm and manual pull.

## Saloon/Galley

- Settee: Ultraleather L-shaped with storage below.
- Table: Cherry, fold-out top with stainless steel high/low pedestal base.
- Sliding screen on saloon door.
- Countertops: Silestone®Quartz -Zeus Blanco Polished.
- Galley Sink: Stainless steel, double 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 – Subzero BI-30U.
  - Microwave Oven- Wolf 30".
  - Range/Oven – Wolf 30" propane.

## Pilothouse

- Compass: Ritchie®.
- Rudder Angle Indicator: VDO®.
- Windshield Wipers with Washers: (3) Imtra®.
- Wheel: Cherry wood.
- 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™.

## Accommodations

Standard layout includes master stateroom amidships with ensuite head and forward guest stateroom with ensuite head.

### Master Stateroom

- Island queen berth with drawer stowage below and pneumatic lift struts on bed.
- Foam mattress.
- Bureau with drawers.
- Hanging lockers.
- Mirror with Cherry wood trim and model Bonn LED lighting.
- Flooring: Cherry and Spruce floors.
- Overhead Lighting: dimmable LED with Vimar switches.
- Wall lighting: (2) with shades.

### Master Head

- Toilet: household size Dometic Master Flush® with status panel.
- Shower: with tempered glass door.
- Counter Tops: Silestone®Quartz -Zeus Blanco Polished.
- Sinks: (2) Silestone®Quartz -Zeus Blanco Polished.
- Ventilation Fan: Rule 24V DC
- Fixtures: Grohe.
- Vanity with Cherry wood trim mirror and LED fixtures.
- Overhead Lighting: LED with Vimar switches.

### Forward VIP Stateroom

- Island queen berth with drawer stowage below and pneumatic lift struts on bed.
- Foam mattress.
- Hanging locker.
- Mirror with Cherry wood trim and LED lighting.
- Flooring: Cherry and Spruce floors.
- Overhead Lighting: LED with Vimar switches.
- Wall lighting: (2) model Cygnus with ivory shade.
- Hatches with Oceanair Skyscreen and shade.

### VIP Head

- Toilet: household size Dometic Master Flush® with status panel.

- Showers: molded fiberglass with tempered glass door.
- Counter Tops: Silestone®Quartz -Zeus Blanco Polished.
- Sink: Silestone®Quartz -Zeus Blanco Polished.
- Ventilation Fan: Rule 24V DC.
- Fixtures: Grohe®.
- Vanity with Cherry wood trim mirror and LED fixtures.
- Overhead Lighting: LED with Vimar switches.

### BBB

- Washer/Dryer: GE®.

### Engine Room

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

## COMMISSIONING PACKAGE ITEMS

- Provide the following KKY-colored, 3/4-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
  - (1) Type 11 Near-Shore Buoyant Vest Set (contains 4)
  - (1) Type IV Ring Buoy
  - (4) 12" x 34" 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
  - (5) Kidde® Mariner 110 Fire Extinguishers
  - Boat Hook, telescoping
  - (1) 50-foot no-kink drinking water hose
  - (1) Gallon John Deere Cool-Guard
  - (1) 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