

Krogen 70

Standard Specifications

Length Overall (LOA) – 72' 10" (21.97m)
 Molded Length (including swim platform -70' 0" (21.33m)
 Length at Waterline (LWL) - 64'-6" (19.69m)
 Beam (Over Rub Rail) - 20' 2" (6.15m)
 Draft (Designed Water Line - DWL) – 6'-2" (1.88m)
 Water - 400 gal. (1,514 l)
 Displacement (DWL with Half Load) – 165,000 lb. (74,800 kg)
 Ballast (Encapsulated Lead) – 12,500 lbs. (5670 kg)
 Fuel – 3,100 gallons (11,734 l)
 Water - 600 gallons (2,271 l)
 Approximate Bridge Clearance with Mast and Hard Top – 26' (7.92m)

CONSTRUCTION

- Hull and superstructure molds from high-grade female tooling.
- Hull construction includes use of USA-made, Cook® gel coat; Knytex (in combination with mat and Corecell®) above waterline; solid fiberglass lamination below waterline, with blister-resistant vinylester resins utilized on first laminates.
- Impact resistant aramid fiber/FRP reinforced stem and stern bottom areas.
- Superstructure includes Knytex® and mat (in combination with Corecell® cores) and surface mats for print-through reduction.
- Aft deck is Teak. 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 and foam-cored bulkheads with molded fiberglass hat section stringers.
- Interior finished with handcrafted solid Cherry and veneers.

MACHINERY

- Engines: (2) Tier III John Deere®, #6068AFM85, 266 bhp @ 2400 rpm with ZF Marine® #305-3 gears
- Shafts: Aquamet® 22, 2"
- Propellers: Hung Shen®, bronze, 4-bladed
- Line cutters: Prop Protector
- Rudders: stainless steel with protective shoe

- Generator: 30KW Northern Lights® 24V DC start with sound shield and remote panel in pilothouse
- Bow Thruster: ABT® 12" 36hp hydraulic, with (4) full sized jog levers
- Digital Stabilizers: ABT® TRAC™ 300 System with 12 sq. ft. fins, touch screen user interface with remote stations and kelp guards for fins
- Bilge Pumps: Rule® (6) @ 3,700 gallons-per-hour with Ultra Safety Systems® high water alarm on each pump
- Emergency Bilge Pumps: to be tied into the raw water intake on each main engine
- Mufflers: fiberglass
- Engine room ventilation system to include intake and exhaust fans with moisture eliminators
- Steering: Teleflex®, hydraulic with copper tubing and valving for autopilot pump
- Controls: ZF Mathers Cruise Command, electronic (4-station)
- Fuel Tanks: (4) Aluminum with sight gauges and access plates
- Fuel Polishing System: ESI® with transfer manifold
- Fuel Filters: Dual Racor® w/ vacuum gauge for main engines and generator
- Lube Oil Change System: Reverso®, for main engines, gears and generator

COMPONENTS

- Electrical Panel: 120/240V AC and 12/24V DC, with tinned wiring and circuit breakers
- Tinned copper wiring, throughout
- Battery Boxes: fiberglass
- Batteries: Lifeline® AGM (4) 12-volt wired in series for 24V DC engine starting, (2) 12-volt wired in series for 24V DC generator starting, (16) 6-volt 300Ah wired in series for 24V DC ship service
- Main engine and generator battery disconnect accessible from outside the engine room
- Battery Charger: Charles Industries® 60 amp
- Inverter/Battery Charger: Magnum Energy 4000 watt with 105 amp charger and remote panel in pilothouse
- Alternators with External Regulators: (2) Balmar® 190 amp, 24-volt
- Charles Iso-Boost isolation transformers (2)

- Cablemasters: (2) Glendinning® with 100' shore power cords and remote controls
- Water Piping: copper, insulated
- Pressure Water System: Headhunter®, variable rate 24V DC inline with 120V AC fresh water pump
- Water Filtration: General Ecology, Sea Gull purifier with faucet at galley sink
- Water Heater: Torrid®, 40-gallon capacity
- Water Tanks: (2) stainless steel, 500-gallon total capacity with Wema tank monitors and access plates
- Holding Tank: fiberglass, 250-gallon capacity with macerator pump and inline hand pump
- Gray Water Tank: fiberglass, 250-gallon capacity with macerator pump and inline hand pump
- Black and Gray Water Tank Indicator and Control Panel: SeaLand® TankManager™
- Fire Suppression System: Sea-Fire®, for engine room and machinery space, with automatic shutdowns, alarms and manual pulls
- CO Detectors: Vimar®

EXTERIOR

- Hull bottom: two coats of Sea Hawk Epoxy Primer and 2 coats of Sea Hawk Cukote™ antifouling paint. Color: Dark Blue
- Running gear treatment: two 2 coats of Sea Hawk Epoxy Primer and 2 coats of Sea Hawk Tropikote™ antifouling paint. Color: Dark Blue
- Teak treatment: eight coats of Awlgrip® Awl Spar Varnish or equivalent on name boards and flagstuffs
- Doors: Diamond Sea Glaze®, weather-tight, welded aluminum, double doors in Saloon, Dutch-style in Pilothouse and side deck, all painted to match superstructure
- Windows: ½" tempered glass with frames painted to match superstructure
- Hatches: (2) Lewmar®
- Ports: Man Ship®, stainless steel with screens
- Thru-Hulls & Seacocks: bronze
- Intake strainers: Perko
- Hawse Pipes and Cleats: 316L stainless steel
- Mooring Cleats: 316L stainless steel
- Bow Eye: 316L stainless steel
- Fuel Fill Spill Prevention Box
- Lightning Ground System with wand

- Single side band ground with Dyna Plate and 3" copper strap to Flybridge

Bow

- Bow Railings: welded 316L stainless steel
- Bowsprit and Pulpit with (2) anchor rollers
- Windlass: Maxwell® HWVC 3500, hydraulic, with dual chain wheels, warping drum, foot controls, hand held remote with 4m cable, Auto Anchor control with counter at helm, and 400 ft. ½" HT chain & 140 lb. Delta Fast-Set anchor
- Anchor Locker with Freeman Marine® watertight deck hatch, light and drain for direct overboard discharge
- Shore Power Inlet: Marinco®, 50 amp (2)
- TV Inlet: Marinco®
- Fresh Water Bib
- Salt Water Anchor Washdown: ShurFlo® 24V DC
- Dockside Water Pressure Regulator: Jabsco®

Aft Deck

- Cockpit with teak decking
- Transom Door with stainless steel latch handle and hold back
- Lazarette access hatch with ladder
- Emergency Tiller Access
- Side Boarding Gates: (2) with stainless steel latch handles and hold backs
- Boat deck access: molded in steps with teak treads and storage below
- Transom Shower: Scandvik® hot/cold fresh water
- Shore Power Inlet: (2) Marinco®, 50 amp
- TV Inlet: Marinco®
- Fresh water bib
- Dockside Water Pressure Regulators: Jabsco®
- Overhead LED blue/white combination lighting

Swim Platform

- Integral swim platform with (2) Freeman Marine® watertight hatches
- Stern staples
- Swim ladder
- Folding tender cleats (2)

Portuguese Bridge

- Wing Stations with engine and thruster controls (2)
- Boarding Doors: (2) with stainless steel latch handles and hold backs

Flybridge/Boat Deck

- Boat Deck Railings: welded 316L stainless steel

- FRP Hard Top with mast and LED blue/white combination lighting
- Tinted Plexiglass windscreen with stainless steel brackets
- U-shaped settee with high gloss teak table
- FRP electronics helm console
- Air Horn: Kahlenberg® with automatic fog-horn whistle
- Wheel: Edson®, stainless steel, destroyer type
- Stidd 500N Admiral Helm Chairs (2)
- Compass: Ritchie®
- Summer Kitchen: fiberglass with Isotherm refrigerator, 24" Sea Star BBQ grill and sink with hot and cold water
- Propane Locker with (2) 20lb aluminum propane tanks
- Davit: Steelhead® ES-1500, four function hydraulic
- Fresh water bib

INTERIOR

- Overhead Lighting: i2 Systems® LED with Vimar switches
- Courtesy foot lighting: i2 Systems® LED
- Wall & reading light fixtures: Imtra LED
- AC receptacles, Vimar throughout
- Cherry and Spruce floors
- Choice of Ultraleather® or Ultrasuede® fabric, single color from KKY selection
- CCTV cabling and speaker wiring throughout
- Air Conditioning: Cruisair® reverse cycle with SMX HT controls in pilothouse, saloon & stateroom
- Sole hatches to be gasketed and have locking mechanism
- Doors: solid cherry gasketed with Mobella hardware and holdbacks
- Hanging lockers to have automatic interior light controls
- Drawers to have stainless steel slides

Saloon

Choice of layouts

A Plan

- Settee: L-shaped, to port with storage below
- Table: Cherry, fold-out top with hi/low base
- TV Lift system to accommodate 42" TV
- Flooring: Cherry and Spruce
- Valances: Cherry
- Invisible sliding screen on Saloon door
- Bookcase/Storage Unit: Cherry with granite countertop

B Plan

- Settee: U-shaped to starboard with storage below
- Table: Cherry, fold-out top with hi/low base in Saloon
- TV Lift system to accommodate 42" TV
- Valances: Cherry
- Flooring: Cherry and Spruce
- Invisible sliding screen on Saloon door
- Wet bar with granite countertop, sink, U-Line wine cooler and Raritan icemaker

C Plan

- Flooring: wall to wall Cherry and Spruce floors
- Valances: Cherry
- Invisible sliding screen on Saloon door
- Storage area with granite countertop
- Bookcase/Storage Unit: Cherry with granite countertop
- Owner provide furniture

Day Head Option

- Toilet: household size Dometic Master Flush with status panel
- Sink: Corian
- Counter Tops: Granite
- Flooring: cherry & spruce

Galley

- Sink: Elkay®, stainless steel, double basin with Grohe fixtures
- Counter Tops: granite
- Appliances: stainless steel finish
- Dishwasher: GE®
- Garbage Disposal: GE®
- Microwave/Convection Oven: GE®
- Range/Oven: Viking Range® 30" four burner propane, or GE® Induction four burner cook top with electric convection oven
- Refrigerator – Jenn-Air®
- Wine Cooler: GE®

Pilothouse

- Compass: Ritchie®
- Rudder Angle Indicator: VDO®
- Windshield Wipers with Washers: (3) Imtra® Exalto
- Wheel: cherry with KKY logo
- Stidd 500 XL Luxury Admiral Helm Chairs (2)
- L-shaped settee: with Cherry high-low table that converts to double berth
- Flooring: Cherry and Spruce
- 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 Lights: Imtra®, LED

Accommodations

Standard layout includes amidships master stateroom with queen berth and ensuite head, forward guest stateroom with queen berth, port cabin with twin berths, and guest head to starboard.

Master Stateroom

- Island Queen berth with drawer stowage below
- Foam mattress
- End tables
- Bureau with drawers
- Hanging lockers, “his & hers”
- Built in TV cabinet
- Mirror with cherry wood trim
- Flooring: cherry and Spruce floors
- Overhead Lighting: dimmable LED with Vimar switches
- Wall lighting: (2) model Cygnus with Ivory shade

Master Head

- Toilet: household size Dometic Master Flush with status panel
- Shower: molded fiberglass with glass door, or tub with glass door
- Counter Tops: Granite
- Flooring: tile
- Ventilation Fan: Rule 24V DC
- Fixtures: Grohe
- Sinks: Corian, “his & hers”
- Mirror with cherry wood trim with model Bonn LED fixtures
- Overhead Lighting: LED with Vimar switches
- Vanity lighting: model Bonn LED

Forward guest stateroom

- Island queen berth with drawer stowage below
- Foam mattress
- Hanging lockers
- Mirror with cherry wood trim
- Hatches with Oceanair Skyscreen and shade
- Flooring: cherry and Spruce floors
- Overhead Lighting: dimmable LED with Vimar switches
- Wall lighting: (2) model Cygnus with Ivory shade

Guest Head

- Toilet: household size Dometic Master Flush with status panel
- Showers: molded fiberglass with glass door
- Counter Tops: Granite
- Flooring: tile

- Ventilation Fan: Rule 24V DC
- Fixtures: Grohe
- Sink: Corian
- Mirror with cherry wood trim with model Bonn LED fixtures
- Overhead Lighting: LED with Vimar switches
- Vanity Lighting: model Bonn LED

Port Cabin

Plan A

- Twin berths with storage below
- Foam mattress
- Hanging locker
- Mirror with cherry wood trim
- Flooring: cherry and Spruce floors
- Overhead Lighting: dimmable LED with Vimar switches
- Berth reading lights: model Cabin LED

Plan B

- Single berth with stowage below
- Foam mattress
- Hanging locker
- Desk
- Bureau with drawers
- Mirror with cherry wood trim
- Flooring: cherry and Spruce floors
- Overhead Lighting: dimmable LED with Vimar switches
- Berth reading lights: model Cabin LED

Laundry Area

- Washer/Dryer: Bosch®
- Cherry stowage cabinet

Engine Room

- Sound Insulation: Pyrotek, Sorberflex with perforated aluminum
- Stanchion Isolators: Soundown
- Doors: weather-tight
- Lighting: Imtra®, LED
- Sole boards with Awlgrip non-skid paint
- Fresh water hose with nozzle
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COMMISSIONING PACKAGE ITEMS

- Provide the following KKY-colored, 3/4 - inch braided dock lines:
 - (2) 65-foot lengths, one end whipped red and the other end with 3-foot eye
 - (4) 40-foot lengths, one end whipped gold and the other end with 3-foot eye
 - (2) 30-foot lengths, one end whipped blue and the other end with 3-foot eye
 - Fender lines: 3/8-inch x 15 feet fender lines with ends whipped blue, no eyes
- (4) Type I Offshore Jackets

- (1) Type II Near-Shore Buoyant Vest Sets (contains 4)
- (2) Type IV Ring Buoy
- (4) 15” x 58” Taylor® Tuff End White Fenders
 - (1) US Yachting Flag
 - (1) Handheld Air Horn
 - (1) Flare Kit (25mm Alert/Locate)
 - (1) US Coast Guard’s “Rules of the Road”
 - (1) Waste Placard
 - (1) Oil Discharge Placard
 - (1) Excursion First Aid Kit
 - (7) Kidde® Mariner 110 Fire Extinguishers
 - (1) Bronze Bell (8 3/4 inch, heavy cast with custom inscription)
 - (2) Boat Hook, telescoping
 - (1) 50-foot No-Kink Drinking Hose
 - (1) Gallon John Deere Cool-Guard
 - (1) Gallon John Deere Break-In Oil
 - (4) Deluxe Leather Fender Hooks with stainless steel Name Plate
- Provide two days of boat handling and systems orientation training
- KKY Burgee, Step Plates, Name Plaques and Owner’s Plaque
- Owner’s Manual with detailed system schematics and docking plan
- Vessel Vanguard® yacht management system