

# 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: Magnum Energy 2800 watt, 125 amp charger
- Battery Charger: Mastervolt® 35 amp
- High Output Alternator with External Regulator: Balmar® 270 amp
- Isolation Transformer: Charles Industries®
- 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

- 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
- TV Inlet: Marinco®
- 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: Imtra LED AC receptacles, Vimar
- CATV outlets
- Cherry and spruce floors
- 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 equipped with stainless steel slides
- CO Detectors: Fireboy® - Xintex
- Smoke and Fire Alarms: Fireboy®- Xintex

#### **Saloon/Galley**

- Settee: L-shaped starboard with storage below
- Table: Cherry, fold-out top with high/low base
- Valances: cherry
- Invisible sliding screen on saloon door
- Bookcase/Storage Unit: cherry with Corian® countertop
- Galley window: 18" x 24" opening with screen in lieu of portlight
- Galley Sink: Elkay®, stainless steel, single basin with Grohe® faucet
- Galley Counter Tops: Corian®
- 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
- Watch Berth 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 floors
- Overhead Lighting: LED with Vimar switches
- Hatch with Oceanair Skyscreen and shade
- Wall Lighting: (2) model Cygnus with ivory 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/SeaLand® with status panel
- Shower: molded fiberglass with tempered glass door
- Counter Top: Corian®
- Sink: Corian®
- Overhead Lighting: LED with Vimar switches
- Mirror with cherry wood trim and model Bonn 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