<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOA with platform and gunnel molding</td>
<td>44' 4&quot;</td>
<td></td>
</tr>
<tr>
<td>Beam with gunnel molding</td>
<td>13' 11&quot;</td>
<td></td>
</tr>
<tr>
<td>Draft with IPS engines</td>
<td>46&quot;</td>
<td></td>
</tr>
<tr>
<td>Weight with fuel, water &amp; engine</td>
<td>30,800 lbs. (approx.)</td>
<td></td>
</tr>
<tr>
<td>Fuel System</td>
<td>412 U.S. gallons</td>
<td></td>
</tr>
<tr>
<td>Water System</td>
<td>100 U.S. gallons</td>
<td></td>
</tr>
<tr>
<td>Holding Tank</td>
<td>70 U.S. gallons</td>
<td></td>
</tr>
<tr>
<td>Cabin Headroom</td>
<td>6' 6&quot;</td>
<td></td>
</tr>
<tr>
<td>Sleeps</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Propulsion</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Specifications**

- Crusaders Gas 8.1
- Volvo Gas IPS
- Volvo Diesel IPS
CONSTRUCTION

• Zatara Oak wood bulkheads, cabinetry, trim, & doors throughout cabin, with satin finish
• Contemporary Oak wood cabinetry
• Fabricated aluminum floor frames with stainless steel stanchions
• Hand-laid, molded fiberglass components featuring composite laminate hullsides, decks, & cabintops
• Hull bottom sandblasted in preparation for bottom paint; assures adherence and eliminates the “peeling effect”
• Molded fiberglass stringer system
• Structural engine mountings - reinforced stringer mountings with gusseted, angle steel plates
• Solid fiberglass hull bottoms with Knytex substrates & vinylester barrier coat
• Tinted, tempered safety glass frameless window systems
• Unitized deck, cockpit, & cabintop construction with integral aluminum truss reinforcement in cabintop structure

ENGINE ROOM

• Bilges coated with white, low-VOC gelcoat
• Bulkheads laminated to hull sides & stringers

MECHANICAL with inboard power option

• Carver Docking System™ - V-drive engines receive 6 hp, 7.3” (18.5 cm) diameter Side Power® bow & stern thrusters providing 176 lbs. (80 kg) of thrust; Volvo® IPS engines receive IPS Joystick Control
• Cutlass bearings - synthetic rubber composite
• Exhaust mufflers - engines, generator
• Fresh water cooling - engines
• Fuel tanks (2) - 206 gallons (780 L) each, welded, baffled 5052 aluminum
• Hydraulic steering
• Internal seawater strainers

WATER & HOLDING SYSTEMS

• Fresh water storage tank - 100 gallons (379 L), polyethylene
• Fresh water tank level monitor
• Hot & cold transom handshower
• Shurflo® - variable speed drive pump smart sensor, Smart Sensor®, 4.5 gallon/minute (17 liters/minute) flow rate, high flow filter
• Shore water connection with pressure-reduction valve
• Shower sump pump (1) - automatic/manual operation
• Waste holding tank (1) - 70 gallons (265 L) with filtered vent & dockside pumpout
• Waste tank level monitor
• Water & waste lines - constructed of molecularly cross-linked polyethylene
• Water heater - 11 gallons (42 L)
• Insulation - acoustical & thermal, vinyl vapor barrier
• Lights - incandescent, overhead, controls mounted in cockpit
• LCD engine information displays (2)*
• Propellers - 4-blade, Certifiable Alloy NiBrAl, 22” (56 cm) diameter, manufacturer-certified
• Propeller shafts - Aquamet®, 1.75” (4.5 cm) diameter
• Rudders & struts - 421 manganese bronze
• Tides Marine® SureSeal Shaft & Dripless Seals - self-aligning Nitrile lip seal, maintenance free, spare lip seal included (Inboard)
• Tides Marine Sure Seal® Dripless Rudder Bearing (Inboard)
• Trim tabs - stainless steel, hydraulic

*Standard
ELECTRICAL
- AC/DC distribution panels with magnetic circuit breakers & integral bilge blower controls; AC & DC voltmeters; AC & DC ammeters
- Batteries (2) - engine - 31 series starting batteries, Deka Marine®, cold cranking rating of 950 amps, reserve capacity of 205 minutes at 23 amp draw, 100 amp/hour rating [(2) engine]
- Batteries (2) - accessory, dedicated 31 series, Deka Marine®, deep cycle, [12V], cold cranking rating of 950 amps, reserve capacity of 225 minutes at 23 amp draw, 105 amp/hour rating
- Battery chargers - (1) 60 amp charger for the engines and ship service batteries; (1) 10 amp charger for the generator battery
- Dockside inlet - CATV with 50’ (15.2 m) of white cord
- Generator - 10.0 kW 60 Hz, Kohler® gasoline with sound shield, dedicated 31 series battery & 5 year warranty (9 KW 50 Hz internationally)
- Ground Fault Circuit Interrupt (GFCI) protection - all electrical outlets
- Shore power connector (1) - 50 amp 240 V (32 amp 230 V)
- Shore power cord - Marinco® 50’ (15.2 m) white
- Wiring system - tinned copper strand wire, harnessed, color-coded, labeled, meets or exceeds ABYC standards

DECKS
- Bow rail - 1.0” (2.5 cm) O.D., lineal-buffed, welded stainless steel, with additional intermediate rail amidships & forward
- Bow rail stanchions - double-welded (inside & outside), stainless steel, anchored to aluminum backing plates laminated into deck
- Bow rail safety insert - etched plexiglass inserted between the first bow rail stachions section for added safety while underway
- Cleats - [12” (30.4 cm)]stainless steel: anchor (1), bow (2), stern (2); (2) 1/2” fender cleats bolted through aluminum backing plate
- Deck toe rails
- Foredeck chaise lounge with seat cover
- Grab rail - stainless steel, over cabin windows, running length of cabin
- Over-the-stem anchor roller
- Rub rail molding - heavy-duty, 3/4” (2 cm) stainless steel insert
- Wide side decks for safe access to foredeck

COCKPIT
- 58 ft² (5.4 m²) approx., integral to hull & deck, self-draining
- Command bridge stairways - port & starboard; access to foredeck from cockpit & bridge integral to deck with stainless steel hand rail
- Hatch - guttered, supported by gas shock, provides access to engine room
- Lights - courtesy, recessed, with exterior-mounted switch
- Lights - halogen, overhead, recessed, with exterior-mounted switch
- Stereo Speakers (2) with Bridge Stereo Option
- Transom gate - secures open & closed, stainless steel hardware

*Standard
SAFETY & NAVIGATION
- 65-5-5-5 marine grade bronze seacocks for thru-hulls on hull bottom; marine grade composite on hull sides
- Anodes - zinc, sacrificial
- Battery master disconnect switches
- Battery restraint brackets
- Bilge alarms (2) - high water
- Bilge blowers (2) - 4" (10 cm) at 240 cubic foot/minute (6.8 cubic meter/minute) (12V)
- Bilge pumps (3) - (2) 2000 gallons (7570 L) per hour each, automatic/manual operation; (1) 1100 gallons (4164 L) per hour, automatic operation
- CO detectors in salon & staterooms
- Compass - Ritchie®, 4.5" (11, 4 cm) Flush Mount, illuminated, dual-read
- Engine alarms - temperature & oil pressure
- Fire suppression system - automatic, FE241
- Horn - dual electric (12V), trumpet
- Internal bonding system with size 8 gauge wire, ABYC compliant
- Isolation transformers on the internal shore power lines with ELCI Inlet Breakers 60 Hz
- Molded nonskid surfaces on all walk decks - diamond pattern
- Navigation lights (COLREGS)
- Spotlight - ITT Jabsco®
- Windlass - Quick Aster® 1000

LOW PROFILE COMMAND BRIDGE
- Bridge Hardtop with 5 lights
- Dash glove box for storage
- Electronics arch - welded premium grade aluminum painted with AWLCRAFT® 2000 acrylic urethane topcoat for use in harsh marine environments
- Electronics arch access plates (4) - corrosion-resistant polymer attached with noncorroding screws & waterproof sealant
- Lights - courtesy, recessed, with exterior-mounted switch
- Lounge - port side, accommodates 5 adults, with movable seat back on forward section, storage beneath; taupe upholstery
- Lounge - located aft, accommodates 3 adults, storage beneath; taupe upholstery
- Lounge - Starboard side, accommodates 3 adults, storage beneath; taupe upholstery
- Self-draining walk surface
- Side deck access to foredeck
- Sunpad - located aft, double wide with 1" (2.5 cm) stainless steel safety rail surrounding aft side, and seat cover
- Storage - forward port & starboard storage spaces with sea keeper
- Wet bar - self-draining under-mounted sink, storage beneath

BOARDING PLATFORM
- 46 ft² (4,3 m²) approx., integral to hull & deck
- Boarding ladder - telescoping, conceals in boarding platform
- Grab rail (1) - stainless steel, mounted above boarding ladder
- Storage locker - for fender & line storage

GALLEY
- Coffeemaker - Contoure®, black with stainless steel Carafe (110 V only)
- Countertops - granite-style
- Designer décor
- Duette blinds
- Electrical outlet
- Flooring - African Wengé
- Lights - halogen, over countertop, recessed
- Light - halogen, overhead, recessed
- Microwave oven - Dometic®, stainless steel, convection, built-in
- Range - electric, 2-burner, smooth top
- Refrigerator/freezer - Nova Kool®, 6.8 cubic feet (193 L), stainless steel, upright
- Rocker light switch
- Sink - stainless steel, under-mounted
- Storage cabinets (9)
- Storage drawers (2)
- Storage drawers (2) - extra deep for pots & pans
- Silverware tray - wooden
- Trash bin

*Standard
**HELM**
- Access panel - provides access to wiring below helm
- Accessory space - for installing navigation equipment
- Adapter - 12V
- Beverage holders - self-draining
- Companion helm seat - double-wide, port side
- Dash - molded fiberglass with brushed aluminum accents & leather accents
- DC distribution panel - bridge 12V systems
- Displays - 7" color digital LCD; tachometer, hour meter, engine oil pressure, engine coolant temperature, engine battery voltage, fuel usage, fuel trip usage, engine diagnostics
- Gauges - analog; fuel level

**SALON**
- AC distribution panel on starboard, aft corner
- DC distribution panel on port, aft corner
- Carpet - tufted cut pile, crush-resistant, 100% nylon
- Countertops - with granite-style surface
- Décor package - 5-piece decorator pillow set
- Designer décor
- Duette décor
- Electrical outlet
- Entertainment Center - wood cabinetry with granite-style countertop and framed mirror
- Entertainment group - 26" Sole LCD TV (built to durable marine grade standards), MB Quart® DVD/AM/FM/CD/MP3 player, water-resistant Sirius® satellite radio system & Apple iPod® Dock
- Entrance door - aluminum frame, sliding, handle lock, dead bolt, with interior screen
- Entry companionway - carpeted, lifts up to provide access to engine room
- Fixed Hull window extending the length of the salon
- Lights - halogen, overhead, recessed
- Rocker light switches
- Stereo speakers (4)
- Storage cabinets (2) - built into entertainment center
- Storage - in floor accessed via hatches

**DINETTE**
- Carpet - tufted cut pile, crush-resistant, 100% nylon
- Duette blinds
- Fixed Hull window extending the length of the salon
- Lounge - U-shaped to accommodate 6 adults

**Standard Features**
- Rocker light switch
- Table - Oak wood surface, movable to access dedicated storage beneath, converts to a double berth with center cushion, table top slides port & starboard to adjust comfortable positioning

*Standard
MASTER STATEROOM
- Berth - queen, pillow top, innerspring mattress
- Berth step-ups (2) - carpeted
- Carpet - tufted cut pile, crush-resistant, 100% nylon
- Curtains - décor-matched
- Designer décor
- Electrical outlet
- Entrance door - solid Oak wood, pocket-style, secures open & closed, stainless steel hardware
- Hanging lockers (2) - automatic light
- Hull portlights (2) - fixed, non-opening
- Shelves (2) - Oak wood
- Lights - halogen, overhead, recessed
- Lights (2) directable for reading
- Overhead hatch - translucent, lockable, inside screen
- Rocker light switches
- Stereo speakers (2)
- Storage cabinets (8)
- Storage drawers (2)

VIP STATEROOM
- Berths - twin-sized, pillow top
- Carpet - tufted cut pile, crush-resistant, 100% nylon
- Countertops - with granite-style surface
- Curtains - décor-matched
- Designer décor
- Electrical outlet
- Entrance door - solid Oak wood, secures open & closed, stainless steel hardware
- Fixed Hull Window
- Hanging locker - automatic light
- Lights - halogen, overhead, recessed
- Lights - incandescent, directable for reading
- Hull portlight - with screen
- Rocker light switch
- Storage cabinets (2)
- Storage drawers (3)

MASTER HEAD
- Electrical outlet
- Entrance door - from master stateroom, solid Oak wood, secures open & closed, stainless steel hardware
- Head fan
- Hull portlight - frosted privacy glass, with screen
- Lights - halogen, overhead, recessed
- Medicine cabinets (2) - mirrored fascia
- Nonskid sole
- Rocker light switches
- Storage cabinets (2)
- Storage drawers (2)

VIP HEAD
- Electrical outlet
- Entrance doors (2) from companionway & VIP stateroom, solid Oak wood, secure open & closed, stainless steel hardware
- Head fan
- Lights - halogen, overhead, recessed
- Medicine cabinet - mirrored fascia
- Nonskid sole
- Rocker light switches

Shower Stall
- Bench seat - built-in
- Hull portlight - frosted privacy glass, with screen
- Light - halogen, overhead, recessed
- Nonskid sole
- Shower door - bi-folding with stainless steel frame
- Shower head - removable for use as handshower
- Shelf - with stainless steel sea keeper rail
- Storage cabinet - mirrored fascia
- Towel bar

Shower Stall
- Bench seat - built-in
- Hull portlight - frosted privacy glass, with screen
- Light - halogen, overhead, recessed
- Nonskid sole
- Shower door - bi-folding with stainless steel frame
- Shower head - removable for use as handshower
- Shelf - with stainless steel sea keeper rail
- Storage cabinet - mirrored fascia
- Towel bar

Vanity - solid surface top & backsplash, undermounted sink

*Standard
Owner Preferences 44 SOJOURN 2012

PROPULSION
Gasoline Engines
- Crusader® 8.1 MPI - 385 hp* (includes fresh water cooling)
- Volvo Penta® IPS 550
Diesel Engines
- Volvo Penta® IPS 500 - 370 hp
- Volvo Penta® IPS 600 - 435 hp

MECHANICAL
- Engine oil change system
- Single station electronic controls with synchronizer (standard with IPS engines; optional with Crusader® engines)
- Active corrosion protection for Volvo IPS - replaces traditional zinc anodes, triple redundant protection, integrates with EVC displays; monitors & adjusts potential voltage in surrounding water to an acceptable level
- Dual IPS Joystick controls (one Joystick control located on both port & starboard sides of bridge)

MECHANICAL with Volvo IPS Power Option
- Automatic engine RPM synchronization
- Electronic LCD engine information display
- Electronic steering
- Fuel tanks (2) - 206 gallons (779,8 L) each, welded, baffled 5052 aluminum
- Joystick control

ELECTRICAL:
- Air conditioning - Marine Air Systems®, 2-zone, 28,000 BTU, with reverse cycle heat
- Cablemaster for shore power

Generator
- Kohler® 10 kW 60 Hz gasoline
- Kohler® 9 kW 50 Hz gasoline international
- Kohler® 10 kW 60 Hz diesel
- Kohler® 9 kW 50 Hz diesel international

WATER & HOLDING SYSTEMS
- After tank overboard discharge system with pump
- Grey water holding system

Transom & Bow Washdowns
- Fresh water only
- Seawater only
- Both fresh & seawater

SAFETY & NAVIGATION
- Fender racks
- Ground tackle - 35 lb. (16 kg) anchor, 150’ (46 m) of 5/16” (8 mm) chain, shackle, chafe plate & line with snap hook
- SeaKey® - satellite based boat security, safety & concierge system (U. S. & Canada only)

NAVIGATION Electronics Package
- Bridge Package - Raymarine® E-Wide Series E120 multifunction navigation display, Raymarine® 240 VHF (hand set), 125 WASS GPS sensor, Raymarine® DSM 300 digital sonar module, Raymarine® thruster transducer B60 dual frequency, 50/200 khz depth & temperature
- Bridge Package plus Radar - Includes above bridge package above plus 4KW scanner open array

AMENITIES
Bridge Wet Bar
- Storage*
- Icemaker - U-Line®, produces up to 23 lbs. of ice per day (not available with Bridge refrigerator)
- Refrigerator - Nova Kool, 2.4 cubic ft. (not available with Bridge icemaker)
- Grill

Canvas Color
- Black Sunbrella®
- Cadette Grey
- Captain’s Navy
- Charcoal Tweed
- Toast
- White Stamoid®

Exterior
- Bridge hardtop enclosure
- Bridge lounge slip covers & pillows
- Bridge stereo - waterproof MB Quart®AM/FM/CD player, changer, Sirius satellite radio receiver & Apple® iPod dock
- Bridge table
- Exterior carpet - tufted cut pile
- Fold down stern seat (in lieu of storage)
- Helm & seat covers
- Hydraulic swim platform
- Passarelle

Salon
- Central vacuum system - WalVac®
- Pillow set - decorator, 6-piece
- Surround Sound system with Kenwood® touchscreen stereo

Master Stateroom
- 15” LCD TV (built to durable marine grade standards), MB Quart® DVD/AM/FM/CD player
- Sheet & towel sets embroidered with Carver® logo - fitted sheet, flat sheet, & 2 pillow cases per stateroom; 2 bath towels, 2 hand towels, 2 washcloths
- Stereo w/Apple® iPod dock

VIP Stateroom
- 15” Sole® LCD TV (built to durable marine grade standards) & Jenson DVD/CD player
- Washer/Dryer - Malber®, front loading & energy efficient, combomatic

EXTERIOR PAINT

Hull Paint Application
- Paint on Full Hull

Hull Paint Color (with matching boot stripe)
- Carver White®
- Neptune Blue
- Oyster Gold
- Panther Black

DECOR
- Ensemble
- Cocoa Beach® (dark & light brown tones)
- Ensign Blue (blue & brown tones)

UPHOLSTERY
- Buff®

COUNTERTOPS
- Bahamas Sand®
- Expression

INTERNATIONAL SPECIFICATIONS
- 230 volt electrical system with red inlet breakers
- Entertainment equipment (televisions and stereos) not available in Japan.
- Sirius Satellite radio may not be available. Check with your local Carver dealer for availability.

*Standard