



STANDARD SPECIFICATION



Specifications^(A)
SERENITY 59'
by
Cheoy Lee Shipyards

Length Overall	61'4"	18.70 m
Length Waterline	56'10"	17.32 m
Beam	17'2"	5.23 m
Draft	5'4"	1.63 m
Displacement ^(B)	85,000 lbs	36,288 kg
Fuel ^(B)	2,000 USG	7,600 ltr
Water ^(B)	500 USG	2,000 ltr
Black Water Tank ^(B)	200 USG	760 ltr
Grey Water Tank ^(B)	100 USG	380 ltr
Engine	Single John Deere 6081AFM, M3 rating 330hp	
Generator	Kohler 20kW, 60Hz	

STANDARD EQUIPMENT

Construction

- Molded fiberglass hull, with reinforcement for optional stabilizers
- Molded fiberglass superstructure, foam cored

- Integral fiberglass fuel and fresh water tanks with baffles and cleaning manholes
- Fiberglass rub rails with stainless steel capping
- Tinted (except pilothouse), tempered glass windows, utilizing high strength, adhesion style window system
- ALEXSEAL exterior finish (Off White with Navy Blue trim)
- Vinylester laminate and epoxy barrier coat on hull bottom with 5-year anti-osmosis warranty
- Two coats of antifoul bottom paint

Deck

- All hardware chrome on brass, 316 stainless steel or anodized/painted aluminum
- ALEXSEAL non-skid exterior decks (Off White, Beige or Grey)
- Anchor windlass, MAXWELL VWC 3500 (24 volt DC) with chain cathead and rope capstan, deck pipe and chain stopper. Local control with remote at both helm stations. Flush deck hatch for chain locker access
- 110lb/50kg galvanized BRUCE anchor with bow roller and chafing plate
- 7/16" galvanized anchor chain, 45 fathoms
- Stainless steel bollards (8)
- 1-1/4" stainless steel bow rail
- Fiberglass bulwarks
- Deck lights over passageway and aft deck
- Storage lockers/sun beds forward of wheelhouse
- Navigation lights
- Boarding gates, port and starboard
- Fresh water washdown bib on foredeck, aft deck and flybridge

Electrical Systems

- 220/110vAC 60 cycle and 24/12 volt DC electrical panels
- Twelve spare 12/24 volt DC circuit breakers in wheelhouse sub-panel
- 3000W inverter/charger system with 1000Ah house battery bank and battery monitor
- Automatic lights for electric panel cabinets
- LED lighting throughout for interior, exterior, rope, cabinet, navigation, step and engine room lights
- Overhead light fixtures throughout with dimmers in specified areas.
- Valance lights and floor rope lighting with control switches
- Emergency lights, automatic at loss of primary lighting system, operating from an independent DC power supply. Removable emergency flashlights in each stateroom
- 220 volt 50 amp, 3-pole, 4-wire shore power inlet
- 220 volt 30amp 2-pole 3-wire shore power inlet
- Voltmeters and ammeters for supply circuits
- Generating set / shore power selector switch
- Electric air horn
- Reverse cycle air/conditioning (except engine room and heads)

- SIDE-POWER 12", 16hp DC bow thruster with battery bank (shared with windlass)
- Electric bonding system
- Copper bonding system
- Zinc anodes
- Automatic sump pump
- Automatic bilge pumps
- ACR 100 dual station spotlight
- VIMAR switches
- Dynaplate grounding plate with strap to pilothouse ground terminal board

Flybridge

- Morse S series controls with 33c Supreme cables
- Engine instrumentation
- Hydraulic steering
- 28" stainless steel steering wheel
- Storage under console
- Acrylic windscreen with stainless steel frame
- Teak tread stair to aft deck with hatch cover
- Stainless steel rails around aft hatch
- Stainless steel side rails and stanchions to end of flybridge deck
- Fiberglass radar arch
- Fiberglass lockers with sink, water faucet, U-LINE bar refrigerator and space for optional barbeque grill
- Fiberglass seats with storage under and upholstered cushions
- Painted fiberglass table
- Lightning arrester
- NAUTICAL STRUCTURES 1100 lb. hydraulic davit with manual rotation

Pilothouse

- Morse S series controls with 33c Supreme cables
- Engine instrumentation
- Hydraulic steering
- 28" stainless steel steering wheel
- Windshield wipers with fresh water wash system
- STIDD helmsman's seat with vinyl cover
- Raised sofa with wood table
- Rudder angle indicator
- Locker under chart desk
- Ceiling lights
- Weathertight fiberglass pantograph door (1) to side deck
- Door aft to main salon
- 110 volt AC duplex outlet

Salon

- Wooden dining table
- Settee and cocktail table
- Raised bar top and two fixed bar stools at aft galley counter
- Ceiling lights
- Audio visual cabinet with power supply (no units)
- Hinged GRP door to aft deck
- Fixed adhesion style, tinted, tempered glass windows
- Wood blinds and fabric accent valance for saloon windows
- 110 volt AC duplex outlets (2)

Galley

- Four-burner electric cook top
- Stainless steel electric oven
- Stainless steel refrigerator/freezer
- Stainless steel microwave oven
- Stainless steel double sink with disposal
- Single lever faucet with sprayer
- Cutlery and storage drawers
- Lockers over counter
- Ceiling lights
- Under cabinet lights
- 110 volt AC outlets (2)
- Provision store outboard of stairs to lower deck

Master Stateroom and Head

- Queen berth, with storage drawers under
- Two night tables
- Ceiling lights
- Two reading lights
- Wardrobe, cedar lined on back surface with mirror on door
- Vanity desk
- Entertainment cabinet with power supply (no units)
- Stainless steel opening ports (4 plus one in head) with screens and hold open arms
- Mirror
- JABSCO Deluxe Flush 24 volt DC electric head, fresh water flush
- Shower with frameless glass enclosure including hinged door
- Faucets and bath accessories
- Exhaust blower
- Countertop with ceramic sink
- 110 volt AC outlets (2 in stateroom, 1 GFI type in head)

Forward Guest Stateroom

- Custom double berth
- Drawers under berth
- Ceiling lights

- TV cabinet with power supply (no units)
- Two reading lights
- Wardrobe, cedar lined on back surface with mirror on door
- Lewmar ventilating/escape hatch with Oceanair shade

Midship Guest Stateroom

- Twin single berths
- Drawers under berths
- Ceiling lights
- Wiring for optional table/reading lamp
- TV cabinet with power supply (no units)
- Wardrobe, cedar lined on back surface with mirror on door
- Stainless steel opening ports (2) with screens and hold open arms

Guest Head

- JABSCO Deluxe Flush 24 volt DC electric toilet, fresh water flush
- Shower stall with frameless glass enclosure including hinged door
- Faucets and bath accessories
- Exhaust blower
- Countertop with ceramic sink
- Stainless steel opening port with screen and hold open arm
- 110 volt AC outlet (1 GFI type)

Lower Deck Foyer/Study

- Wooden writing desk with storage and book shelves
- Storage cabinet with space for optional Washer/Dryer

Machinery/Engine Room

- Non-skid sole
- Single John Deere 6081AFM diesel propulsion engine, M3 rating, 330hp @2100rpm, fresh water cooled, ZF V-drive reduction gearbox, two alternators (1x170A, 1x40A) and exhaust muffler
- Kohler 20kW generating set with control panel in wheelhouse.
- Sound shield for generator
- CENTEK generator muffler
- Engine room ventilation blower
- Ventilation ducts at side decks
- FIREBOY fire protection system, consisting of manually actuated fire extinguisher system
- RACOR filters (one for engine and generator) with pressure gauge
- 20 gallon water heater
- Two PAR-Max 4, 24volt DC pumps (one as back-up) for fresh water pressure system with accumulator tank
- Sea chest with bonded valves for sea water supply
- Self-closing water drain valves for wing fuel oil tanks

- Fuel management system consisting of fuel shut off valves and fuel transfer system
- Sewage piped with Y-valves for direct discharge overboard or into holding tank
- Deck fitting for holding tank pump out with macerator pump
- GROCO bronze raw water strainers
- Seacocks on all through hull fittings below the waterline
- Overhead lights
- One 24 volt 210 amp-hour battery bank for engine starting
- One 12 volt 175 amp-hour battery for generator starting
- One 24-volt 1000 amp-hour battery bank for inverter/house system
- Fiberglass battery boxes
- Battery selector switches for engine and generator
- Mylar faced synthetic lead-foam insulation with painted perforated aluminium facing
- Drip tray under engine
- AQUAMET 17 or equal propeller shaft
- Stainless steel rudder stock
- Stainless steel rudder blade
- Emergency tiller at swim platform. Emergency tiller not applicable to twin engine option.
- Bronze propeller
- PYI packless shaft seal
- DURAMAX cutlass rubber stern and rudder bearing
- Voltmeters and ammeters for supply circuits
- Stainless steel engine guard rails
- Emergency escape route to master stateroom head
- Compressor/condenser unit with sea-water cooling pump for direct expansion air conditioning system
- 110 volt AC outlet (1), GFI type

Aft Deck

- Bollards, port and starboard
- Deck lights
- Fiberglass seats with storage under and upholstered cushions
- Painted fiberglass table
- Scuppers
- Fiberglass bulwarks
- Teak tread stairs to flybridge
- Teak tread stairs to swim platform
- Stainless steel swim ladder
- Transom hot and cold shower

Lazarette

- GRP non-skid sole
- Ceiling lights
- Storage shelves

- Work bench with vice and tool drawers

Owner's Documentation

- Vessel supplied with list of major equipment, serial numbers and manufacturers' contact details. Manufacturer equipment manuals will be supplied as available. Drawings for major systems, safety and docking plans are supplied on CD

Options

- Shore power cords
- Electronics/AV equipment
- Electronic engine controls and remote plug-in stations
- RITCHIE 5" compass
- Wing doors for aft deck
- Second generator
- Dual anchoring system with divided chain locker and double bow rollers
- Flybridge barbecue grill
- Dinghy, chocks and backing plates in deck
- Stabilizers
- Loose furniture, chairs and stools
- Soft goods decor, such as Roman shades, bed treatments
- Saltwater anchor washdown system
- Chain counter on windlass controller at upper/lower station – Maxewll AA560
- Flybridge hard top
- Power rotation for davit
- Teak decks
- Teak caprail
- Guard rails around swim platform
- Washer/dryer
- Chest freezer
- Smoke detector and entry alarm system
- Twin engines; 2xJohn Deere 6068SFM50 M3 rating (236hp at 2,400rpm)
- Get home diesel wing engine
- Ensuite heads for each guest staterooms in place of study
- Horizontally divided (upper and lower parts) aft saloon door.

NOTES TO SPECIFICATIONS

- (A) Right is reserved to make changes at any time, without notice, in prices, materials, specifications and equipment. Line drawings show optional items specifications take precedence. Speed and range are estimates and vary due to use conditions.
- (B) Weight shown is estimate of model's maximum weight displacement with average optional equipment aboard at time of delivery and fuel, holding and

freshwater tanks filled. Capacities of tank are estimated to be total capacity of all tanks normally furnished in this model. Usable capacities will vary depending upon conditions. CAUTION: Due to long range capabilities a large supply of fluids can be carried on board. The majority amount of this fluid must be removed prior to haul out, or damage will occur.