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## Specifications SERENITY 83 MOTOR YACHT

Length Overall	83' 3"	25.37 m
Length Waterline	76' 7"	23.34 m
Beam	21' 9"	6.63 m
Draft	6' 3"	1.91 m
Displacement (full load – est.)	180,000 lbs	81,600 kg
Fuel	4,000 USG	15,140 ltr
Water	800 USG	3,030 ltr
Holding Tank	250 USG	946 ltr
Gray Water Tank	250 USG	946 ltr
Engines	Twin CATERPILLAR C9 (503 bhp each)	
Generators	Twin KOHLER 32kW, 60Hz	
Design	Michael Burvenich	
Interior Designer	Sylvia Bolton	

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### Construction

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- Molded fiberglass hull with resin infused deck, superstructure, bulkheads and cabin soles
- Integral fiberglass fuel, fresh water and holding tanks, with baffles and manholes
- Epoxy hull barrier with five-year structure and osmosis warranty
- *Sunbrella* upholstered Dryfast exterior seating
- Storage lockers/seating on foredeck
- Germanischer Lloyd approved structural design

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### Equipment

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- BUELL twin trumpet air horn
- Fresh water anchor wash down
- Emergency lighting system operating from an independent power supply
- CENTEK air/water separator generator mufflers
- 230vAC reverse cycle direct expansion air-conditioning
- Manual/automatic fire extinguishing system with alarms, blower shut down and vent closure
- Demisters on air intakes
- REVERSO lube oil change system for engines, generators and gearboxes
- NAIAD stabilizer system with 12 sq. ft. fins
- NAIAD 12", 38hp hydraulic bow thruster
- MATHERS MC2000-2 electronic engine controls
- STIDD helm seats for pilothouse and flybridge
- Twin MAXWELL VWC4000 hydraulic windlasses, each with 45 fathoms 1/2" chain
- Two 180 lb. (80kg) galvanized steel high holding power anchors



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- NAUTICAL STRUCTURES 1,700 lb. davit with standpipe and power rotation
  - ACR 100 halogen 24vDC searchlight with dual station remote control
  - Stainless steel propeller shafts
  - Dynamically balanced propellers
  - PYI packless shaft seals
  - JABSCO emergency engine driven bilge pump system for engine room
  - HEADHUNTER electric WC's for guest heads, fresh water flush
  - HEADHUNTER Mach 5 AC fresh water pump with accumulator tank
  - GLENDINNING Cablemaster 24vDC cable retrieval system for 230vAC 100 amp shore power system with 100 ft. cable
  - Isolation transformer (25 kVA) for shore power system
  - LCD touch screen control/alarm/monitoring PLC with audible and visual signals
  - Security alarm on all doors and hatches
  - HART Tank Tender gauges
  - Galley appliances;
    - Electric hob
    - Built-in oven unit
    - microwave oven with ventilation hood
    - refrigerator/freezer with ice dispenser
    - dishwasher
    - garbage disposal
  - 24" stack up washer/dryer