

Granocean Luxury Yacht W-55 Power Catamaran Specifications

Length Overall	17 M	55.8 Ft.
Length Waterline	16.60 M	54.46 Ft.
Beam	8.70 M	28.50 Ft.
Draft	1.20 M	3.93 Ft.
Displacement (Light)	27 Tons	59,500 Lbs
Displacement (Heavy)	34 Tons	74,957 Lbs
Fuel Capacity (Standard)	3,000 Liters	792 US gallons
Fuel Capacity (Long Range)	6,000 Liters	1,585 US gallons
Water Capacity	1,000 Liters	264 US gallons
Engines	2 x Yanmar 315 HP Diesel Engine (Standard) 2 x Cummins 550HP Diesel Engine (Option) 2 x Volvo Penta IPS 600 (Option)	
Speed (max)	18 Knots (standard)	
Standard Range (cruise at 10 knots)	750 Nautical Miles	
Standard Range (@max speed)	450 Nautical Miles	
Long Range (cruise at 10 knots)	1500 Nautical Miles	
Exterior Areas	1270ft ²	118m ²
Interior Areas	915ft ²	85m ²
Naval Architect	Howard Apollonio	
Structure Designer	Gurit SP/ High Modulus	
Interior Designer	Vripack Yacht Design	
Boat Category	CE Category A	

Structure

1. Hull lamination according to EN ISO 12215-5 structure standard
2. Built in accordance with HPI Verification services
3. Composite fiberglass infused hull & deck
4. Hull, deck & superstructure built of light weight fiberglass composite with closed cell PVC foam/honey comb as core material
5. Interior structural components all properly bonded to hull & deck

Hull & Deck Exterior General

1. White gel coat on all superstructure and hull (Option: colored gelcoat / painted hull)
2. International Interlux antifouling paint
3. Main deck non skid deck (Option: teak decking or Flexiteek PVC/Seacork teak decking)
4. Electric windlass Lewmar V4 with chain counter & footswitches
5. One 50kg stainless steel delta anchor fitting at bow with chain stopper
6. 100m 12mm G30 galvanized anchor chain
7. 316 stainless steel safety stainless steel handrails throughout
8. Anchor bridle with shackle & pad eyes fitted
9. Eight (8) heavy duty 10" 316L stainless steel cleats
10. Two (2) pop-up 6" 316L stainless steel cleats on transom platform
11. One stainless steel Sampson post at bow
12. One stainless steel tow ring at transom
13. Eight (8) fender locks
14. Double layer tinted safety glass windows
15. Four (4) Lewmar large low profile deck hatch
16. Lewmar hull safety glass with Six (6) integrated flush openable portlights
17. Two (2) Vetus escape hatch underside
18. Lewmar wide opening triple sliding doors with stainless steel trim to salon
19. Stainless steel rub rail along hull side
20. Freshwater deck wash-down
21. Dual freshwater & seawater anchor chain wash down
22. Two (2) Whale transom shower with hot/cold water
23. Stainless steel folding swimming ladder
24. Two zinc anodes on transom for bonding system
25. Two (2) stainless steel deck water fillers
26. Two (2) stainless steel deck fuel fillers
27. Two (2) stainless steel deck waste pump outs
28. Stainless steel flag post on flybridge
29. 316 stainless steel thru hull fittings above waterline
30. Bronze through-hull fittings below waterline
31. Boat name in custom designed 316L stainless steel

32. Soffkin Marine vinyl exterior upholstery
33. Mooring kit includes six (6) fenders and five (5) 18mm Moorings lines
34. (Option: Upgrade exterior upholstery to Sunbrella)
35. (Option: Upgrade exterior upholstery to Ultraleather)

Cockpit

1. Covered aft deck with overhead lights
2. Large settee with Soffkin Kalmin marine vinyl cushions
3. L-shaped settee with Soffkin Kalmin marine vinyl cushions
4. Storage under seating
5. Two (2) Teak cockpit dining tables
6. Watertight engine access hatches
7. Custom shoe/sandal storage locker
8. Storage lockers on deck
9. Teak or Cork if specified grate at entry to salon
10. Molded Staircase with teak/cork steps to flybridge
11. LED Courtesy floor lighting throughout
12. LED Flood lights for transom platform
13. Vimar water-proof sockets
14. Two (2) waterproof Fusion FR6021 6 inch speakers connected to inside helm stereo
15. Day head fitted with Tecma electric toilet, sink & shower head
16. (Option: Vitrifigo undercounter fridge in cockpit storage)
17. (Option: Kenyon Electric BBQ)
18. (Option: Tenderlift transom hydraulic platform 650kg or 900kg)

Foredeck

1. Weathertight door built to CE Area IIA to bow lounge
2. Large sunpads with Soffkin Kalmin marine vinyl cushions
3. Seating area facing forward with Soffkin Kalmin marine vinyl cushions
4. Central storage locker with cup holders
5. Insulated icebox locker under settee
6. Anchor chain locker
7. Two (2) large fender lockers below sun pads
8. Two (2) waterproof Fusion FR6021 6 inch speakers connected to inside helm stereo
9. Vimar water-proof sockets
10. (Option: Two (2) Quick pop-up lights next to sunpads)
11. (Option: Vitrifigo undercounter fridge under settee)

Flybridge

1. Molded stairs with teak/cork steps to flybridge with SS handrail
2. Lewmar hatch cover over staircase opening
3. Covered fly bridge with LED overhead lights
4. Wet bar including Corian top with built-in sink, tap
5. Large C-shaped settee for 10 with Soffkin Kalmin marine vinyl cushion and storage underneath
6. Two (2) Teak dining tables
7. Sun lounges with Soffkin Kalmin marine vinyl cushion and storage underneath
8. Helm with double seats complete with steering, throttle, VHF and chart-plotter
9. Acrylic windshield
10. Large storage locker
11. Vimar water-proof sockets
12. LED Courtesy floor lighting throughout
13. Instrument mast on hard top
14. Two (2) waterproof Fusion FR6021 6 inch speakers connected to inside helm stereo
15. (Option: Vitrifrigo Undercounter fridge)
16. (Option: Kenyon Electric BBQ grill)
17. (Option: Besenzoni flybridge extendable hydraulic crane 400kg or 680kg)
18. (Option: Solar Panels on hardtop max total 2000W together with battery upgrade)

Upper Deck Option: Enclosed Flybridge Version

1. Enclosed Flybridge with 16k BTU Frigomar inverter air conditioning equipped
2. C shaped settee with Soffkin marine vinyl cushion for 10 with coffee table
3. Lewmar wide open sliding door with stainless steel trim to aft upper deck
4. Head fitted with Tecma electric toilet, sink & shower
5. Exterior settee for two with Soffkin Marine vinyl cushion

Upper Deck Option: Enclosed Flybridge Owner Suite Version

1. Enclosed Flybridge with 16k BTU Frigomar inverter air conditioning equipped
2. Queen size berth (153cm x 204cm)
3. L shaped settee for 4~6 with Soffkin marine vinyl cushion
4. Lewmar wide open sliding door with stainless steel trim to aft upper deck
5. Head fitted with Tecma electric toilet, sink & dedicated shower room
6. Exterior settee for two with Soffkin Marine vinyl cushion

General Interior Finishes

1. General interior finishing to be in soft vinyl leather and wooden veneer with satin finish
2. Furniture to be combination of solid wood and veneer with satin finish
3. Overhead finished in soft Soffkin vinyl leather panels

4. Composite non porous membrane flooring with non-slip stripes for staircases
5. Cedar wood for all hanging closet's backing panel
6. (Option: Hardwood floor throughout)
7. Heads finished with gel coat with Corian countertops
8. High quality entrance chrome door lock and stainless steel cabinet door locks subjected to shipyard's standard selections
9. High quality Lamp interior hardware
10. DC LED ceiling and courtesy lighting throughout. Lighting fixtures subjected to shipyard's standard selections
11. Roll down shades for all cabins and heads
12. (Option: Genuine leather sofa cushions)
13. (Option: Granite tops with honeycomb backing (galley and heads))

Salon

1. Panoramic view through large laminated fixed windows
2. Lewmar wide open sliding salon doors with stainless steel trim
3. Roca windscreen wipers with spray wash, on/off/3 speeds function
4. Seating with Soffkin leatherette cushions
5. 50 inch Samsung salon flip down or pop up TV subjected to final GA
6. Cabin access companionways with SS handrails
7. U-shaped Galley
8. Corian countertops with storage
9. Double Kohler stainless steel sinks
10. Siemens or similar Full height refrigerator and freezer unit ...
11. Siemens or similar three burner electric convection cooktop
12. Siemens or similar extraction hood
13. Siemens or similar Oven and microwave combination under counter
14. Fusion RA770 player entertainment system with two FR6021 6 inch Fusion speakers
15. (Option: Indoor helm with double seats complete with steering, throttle, VHF and chart-plotter)
16. (Options for appliances: Icemaker, washer/dryer combo, dishwasher)

All Staterooms (Port & Starboard, subjected to final general arrangement)

1. Queen size berth (153cm x 204cm)
2. Hi-low bunks for crew cabin
3. Large closet with drawers and closed shelving
4. Vanity desk with seat and flip up mirror
5. Wall/reading LED lamps on either side of headboards
6. Pull-down blinds over portlights
7. Large overhead hatches with shades and screens
8. (Option: 32" LED Samsung TVs in cabins)

All Heads & Showers

1. Corian counter tops with Kohler ceramics sinks (Double sinks for master suite, choice of top mount or undermount sinks)
2. Storage unit below counter
3. Separate shower compartment
4. Standard size Tecma toilets with electric freshwater flushed
5. Kohler faucet and shower unit
6. Chrome towel bars and toilet paper holders
7. Exhaust fan in all heads
8. Teak grates in all shower stalls
9. Mirrors above counter top

Engine & Equipment

1. Two Yanmar 315hp 3800rpm inboard diesel engines with instrument panels, throttles and joystick control at flybridge helm
2. Two (2) Hungshen four blade bronze propellers
3. Aqua 17 high tensile direct transmission shafts
4. PSS engine shaft seal system
5. SeaStar electrical hydraulic Steering system, compatible with autopilot system
6. Stainless steel emergency tillers
7. Fiberglass rudders with Aqua 17 high tensile shaft & reinforcement
8. CJR rudder shaft seal system
9. Delta T engine compartment ventilation natural intake of air with mechanical extraction of air
10. Engine room with sound insulation materials
11. Engine alarm system for low oil pressure and high water temperature
12. Frigomar inverter air-conditioning system total 58,000 BTU (Salon with two 16kBTUs, Master cabin with one 12kBTU, two guest cabins with 7kBTU each)
13. (Option: Spurs Rope cutter)
14. (Option: Two (2) Lewmar electric bow thruster 8HP)
15. (Option: Additional 16kBTU for enclosed flybridge version)
16. (Option: Docking station in cockpit or Yacht Master wireless docking control system)

Plumbing

1. Two (2) integral FRP fuel tanks total volume 3000L with electrical gauge
2. Racor 500 series fuel filter/water separators for each engine
3. Diesel emergency shut off valve
4. Jabsco fuel transfer pump between fuel tanks
5. Two (2) integral FRP water tanks total 1000L with electrical gauge

6. Two (2) 24V electric Jabsco freshwater pump and pressure accumulator
7. Freshwater crossover back up system with control valves
8. 80L Quick water heater
9. Two 72L PVC holding tanks
10. All black water discharge overboard directly from holding tank or pump-out from deck
11. Shower and sink drains to greywater sump pump
12. Four (4) RULE#2000 electric bilge pumps with separate flow switches
13. One manual portable bilge pump for emergency
14. (Option: Schenker 24V Watermaker 80L/h or 100L/h with commercial filters)

Electrical

1. 24V/230V or 24V/120V-240V electrical system
2. Kohler Generator set 13.5KW/50Hz/1Ph or 14 KW/60Hz/1Ph, with sound guard, silencer, fuel filter & separator
3. Wiring – Tinned copper marine cables approved by Lloyds and ABS
4. Czone NMEA 2000 network backbone system ready for connection to 3rd party navigation, engine systems and other NMEA 2000 network equipment.
5. House bank: 6 deep cycle lifeline (or equivalent) batteries total 24V 600AH
6. Two extra 24V 200AH batteries for electric windlass
7. Engine Start: 2 set 24V – 200 AH AGM lead acid batteries
8. Generator start: 12V 120AH AGM lead acid battery
9. Separate Victron chargers for starting batteries
10. Victron 3000W/ 230V/24V battery inverter/charger Combo for house
11. Led Lighting throughout 24V DC
12. 120/240V 50 amp (US market) or 230V 63 amp (Others) shore power inlet with galvanic isolator
13. Power circuits protected by circuit fuse and breakers
14. Main AC/DC electrical distribution panels
15. C Zone monitoring alarm panel
16. Electrical gauge with indicator at chart table
17. Vimar light switches located throughout
17. Vimar water-proof sockets located throughout including engine room
18. Electrolysis bonding system via copper strap
19. (Option: Four (4) Aqualuma underwater lights two at each stern)

Navigation & Electronics

1. One (1) 4-1/2" Ritchie compass
2. One set of Hella navigation lights include head, stern, port, starboard & anchor
3. 12" Garmin navigation chart plotter at main helm
4. Garmin 20nm-36nm Radome
5. Garmin depth/speed/fishfinder combo transducer

6. Garmin VHF
7. Garmin Autopilot
8. Garmin Wind Meter
9. Two (2) rudder indicators
10. Roca wiper System
11. Engine console with all gauges
12. Jabsco remote control searchlight
13. Marco single stainless steel ship horn
14. (Option: Garmin Fishfinder)
15. (Option: Garmin AIS)
16. (Option: Garmin CCTV cameras in engine rooms / cockpit / flybridge)
17. (Option: Other choice of Navigation system)

Safety

1. Automatic Seafire fire extinguishers in engine room
2. Hardwire Smoke/heat detectors
3. High water alarm in all water-tight bilge area
4. Engine & generator with high water temp/ low oil pressure alarm
5. Fuel shut-off valve fitted with additional control outside of engine space
6. Portable CE approved fire extinguishers throughout
7. Twelve (12) ISO Life Jackets
8. (Option: Plastimo Cruiser Standard Liferaft - Canister - 6 Person)