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## HORIZON-PC60 CATAMARAN MOTOR YACHT

2016 Standard Specifications

Valid date: June 30<sup>th</sup>, 2016

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### Principal dimensions (approximate):

♦ L.O.A.	:	60'-9"	(18.51m)
♦ L.W.L.	:	53'-8"	(16.37m)
♦ Beam	:	24'-6"	(7.47m)
♦ Draft (prop. tip clearance)	:	4'-9"	(1.46m)
♦ Displacement (light approx.)	:	74,200 lbs	(33.7tons)
♦ Fuel	:	1,000 US gal	(3,800 ltrs)
♦ Fresh Water	:	300 US gal	(1,150 ltrs)
♦ Engine	:	Cummins QSM11 705 HP	
♦ Generator	:	Onan 22.5kw(50Hz) or 21.5Kw(60Hz)	

### A. Hull and Main Structure:

1. ABS/DNV type approval fiber / resin & sandwich core material applied
2. White gelcoat finish for hull above water line, exterior decks and furniture.
3. One piece hull SCRIMP™ cored lamination w/deep skeg and longitudinal girders.
4. Hull, Deck & superstructure are built with licensed process SCRIMP™ for improved strength and less weight
5. Fiberglass solid hull bottom.
6. High-density Divinycell or equivalent foam cored hull sides, decks and superstructure.
7. Stringers with high density foam coring.
8. Interior structural components all properly bonded to hull.
9. Strong collision bulkhead structure for extra safety.

10. International® anti-fouling bottom paint, w/ anti-osmosis treatment.
11. PropSpeed/PropGold metal paint for underwater appendages
12. Tunnels for reduced draft.

### B. Exterior Deck and Equipment

1. Gunwale with external rub rail.
2. Fiberglass cap rail.
3. Mooring cleats, with hawse pipes in gunwale.
4. Locker for 24V anchor windlass with foot switches.
5. Anchor control at fly bridge.
6. Roller and S/S chain stopper for anchor.
7. Heavy-duty S/S handrail. Top rail 1-1/2", Stanchions 1-1/4", and mid rail 1".
8. S/S flag pole on bow rail.



9. Pulpit seats at bow.
10. Deck hatch for access to 63kg S/S anchor 175 ft of high tensile 3/8" chain plus 100ft mooring rope.
11. Fresh water at chain locker.
12. Bow storage lockers(x2) with access through flush deck hatches.
13. Large deck storage hatch with nonskid floor inside.
14. Opening portlights(x6).
15. Hull side frameless and flush mounted windows(x2). Oval tinted and tempered glass.
16. Deck hatches(x2) with blinds & screens.
17. Stainless steel framed salon door with 8' opening.
18. Port and starboard sides boarding door. (USA Only)
19. Non-skid deck.
20. After deck engine control station.
21. Self draining aft deck.
22. FRP Curved seat with cushions.
23. Large solid satin finished wood cockpit table.
24. Large curved steps(x2) down to large dive/swim platforms.
25. Manual swim ladder(x1).
26. Cockpit lockers for storage.
27. Cockpit down LED lights.
28. Courtesy lights.
29. Hot and cold fresh water shower(x1) recessed into aft coaming.
30. Fresh water deck wash tap and dock inlet at portside.
31. Canvas covers for helm console, STD helm chair, FRP lounging seating & table, BBQ on the flybrdige, aft cockpit seating, and special padded cover for aft cockpit table..

32. Comfortable curved stairway with treads up to flybridge from aft deck.
33. Recessed fuel and water inlets.
34. Swimming platform S/S rails.

### **C. Flybridge and Boat Deck**

#### **Flybridge**

1. Non-skid flybridge cambered deck with ample drainage.
2. Flybridge windscreen with stainless frame.
3. Navigation LED lights (HELLA).
4. Ample locker space for storage.
5. Wet bar with sink, hot and cold water, fridge.
6. Indirect lighting under bar counter.
7. Luxurious lounging seating. (x1)
8. Satin finished teak coffee table.
9. Helm station with S/S wheel.
10. Stidd pilot chair(x1).
11. Instrument console with engine controls, chart plotters instrument monitors and panels, fuel tank monitoring system.
12. Windlass remote control.
13. Remote controls for spot light and ship's horn.
14. Bilge pump monitors and controls.
15. Compass.
16. Comfortable stairs for access to aft deck with stainless handrails.
17. Hard top with lights.
18. Hardtop reinforced for Nev gears to be mounted on top.
19. 1000lb hydraulic crane for tender on flybridge.
20. S/S Flag pole at stern.

#### **Skylounge (Option)**



21. Access via internal stairs from saloon to Skylounge
22. Interior wood finish.
23. Wood floor choices from shipyard samples.
24. Curtains for side windows, choices from shipyard samples.
25. Stainless steel sliding door to boat deck.
26. Air Conditioning.
27. Standard A/V system (32" LCD TV with Fusion Marine Stereo x1 and SM speakers x2).
28. Wipers.
29. Canvas cover for STD BBQ at boat deck.

**E. Engine Propulsion & Steering System**

1. Cummins QSM11 705 HP engines.
2. Dual Racor filters in each engine room.
3. S/S shafts AQUAMET HS 22# or equivalent.
4. High performance S class 4 blade propellers in NiAlBr.
5. Bronze P bracket.
6. Shaft and rudder packing glands with maintenance free Tides seals.
7. Stainless rudder with zinc plates.
8. Power Steering system.
9. Bennett or equivalent heavy-duty trim tabs with indicators.
10. Underwater exhaust system with bypass and mufflers.

**F. Engine Room and Equipment**

1. Sound and heat insulated

- compartments.
2. Ventilation system with moisture eliminators.
3. 22.5kw(50Hz) or 21.5Kw(60Hz) Onan generator with sound shield and air water separator.
4. Engine access through deck hatches in cockpit floor.
5. DC Lights.
6. Automatic fire extinguishersoutlets.
7. High water bilge pumps with alarms.
8. Oil change pump system for engines gears, and generators.
9. 2 ton chilled water air conditioning compressors(x3) and circulation pump.

**Utility Room**

10. Portable fire extinguishers.
11. Fuel transfer pumps.
12. AC and DC distribution panels.
13. High volume AC fresh water pump.
14. Electrical outlets and lights.

**G. Electrical System**

1. 110V or 220V electrical supply from generator/ shore power.
2. Shore power connector (optional w/ 50 Amp Step down autotransformer(x1) for Australia).
3. Automatic transform switch for AC power supply.
4. Color-coded wiring for easy identification.
5. Premium DC distribution board with switches, voltmeter and amp meter.
6. Remote panel for generator.
7. Four 210Ah AGM batteries for ship's DC 24V service power. .
8. Premium AC panel with switches 110/



- 220VAC, 50A dock inlet. (100A for USA)
9. Navigation light selection panel
  10. Fresh, black water & diesel tank gauges.
  11. Four 210Ah AGM start batteries for engines/ generator.
  12. Battery chargers or inverter/chargers .
  13. Vimar switches for lighting switches and receptacles.
  14. Outlets in Salon / bar / galley / cabins /fly-bridge / aft deck / engine room.

#### **Navigation & Instrumentation**

15. Garmin GPS.
16. Garmin 48" 4kW 72nm open array radar system.
17. Garmin 15.5"(x2) multifunction displays.
18. Garmin Autopilot System.
19. Garmin Wind/Speed/Temp/Depth transducers.
20. Garmin VHF at flybridge(with built-in Loudhailer) and at interior navigation station.
21. Garmin AIS.

#### **H. Mechanical System**

1. Tecma Electric fresh water flush toilets.
2. Washer and separate dryer including laundry cabinets and iron board.
3. 50 Gal holding tanks(x2), Y valve for overboard discharge or dock side pump out.
4. 300 Gal Water tank.
5. Water and black tank integral to hull.
6. Color coded piping for easy identification.
7. High water bilge alarm.
8. Electric 24V bilge pumps(x6)

9. Marine grade lines for fresh water system.
10. 20 Gal hot water heater.

#### **I. Interior Design and Equipment**

##### **Interior Layout – Saloon**

1. Standard layout: Ensuit staterooms(x3)
2. Plush wool carpeting or hardwood flooring.
3. Tempered safety glass windows.
4. Luxurious salon sofa covered in leather or fabric.
5. Soft furnishings including roman blinds.
6. Fabric headliner with recessed down lights.
7. Window valance.
8. Side tables with storage.
9. Solid wood coffee table.
10. Satin wood finish on vertical and horizontal surface. Wood selection from shipyard standard collection.
11. LED Ceiling lights.

##### **Master Stateroom**

12. Carpeted or wood flooring.
13. Manual blinds for front windows.
14. Soft furnishings including blinds on all side windows.
15. King size walk around bed with pocket spring mattress.
16. Reading lights and cabin lights.
17. Night stands with cupboard, light switches and outlets.
18. Headliner with recessed down lights.
19. Bedside settee.
20. Large closets for linens / towels and clothes.
21. 180 deg views through wrap around, tinted and tempered windows.



- 22. Sound insulated bulkheads.

**Master Stateroom – En-suite Bathroom**

- 23. Vanity with stool and mirror with large oval window.
- 24. Blind over large window.
- 25. Large basin, cabinets, overhead lockers, and mirrors.
- 26. Luxury walk-in separate shower.
- 27. Separate toilet with basin and cabinets.
- 28. Large dressing area with full height closets - cedar lined.

**Interior Layout – VIP Cabin**

- 29. Queen size bed – semi walk around.
- 30. Carpeted or wood flooring.
- 31. Soft furnishings including roman blind over large oval window.
- 32. Luxury pocket spring mattress.
- 33. Reading lights, cabin lights.
- 34. Opening port lights in hull side.
- 35. Night stands with cupboard, light switches and outlets.
- 36. Vanity with mirror and stool.
- 37. Closets cedar lined.
- 38. Fabric headliner with recessed down lights.
- 39. En-suite bathroom with walk-in shower, head and basin.
- 40. Opening port-lights for natural light and ventilation.

**Interior Layout – Guest Cabin**

- 41. Twin beds.
- 42. Carpeted or wood flooring.
- 43. Soft furnishings including roman blind over port light.
- 44. Luxury foam mattress.
- 45. Reading lights, cabin lights.
- 46. Opening port lights in hull side.

- 47. Night stand with drawers, light switches and outlets.
- 48. Fabric headliner with recessed down lights.
- 49. En-suite bathroom doubles as day head with walk-in shower, head and basin.
- 50. Opening port-lights for natural light and ventilation.

**Bar**

- 51. Corian bar counter.
- 52. Storage for drinks bottles and glasses.
- 53. Storage cupboards.
- 54. Recessed overhead lights.

**Galley**

- 55. Corian counter tops and splash backs.
- 56. GE 4 burner cook top(x4, electric)
- 57. GE Microwave / Convection oven.
- 58. GE Dish washer.
- 59. GE stainless steel refrigerator with freezer.
- 60. Cutlery & crockery drawers.
- 61. Pot drawer & spice cupboard.
- 62. Additional storage drawers and cupboards.
- 63. Double sinks with garbage disposal.
- 64. Under counter trash drawer.

**Office / Navigation Area**

- 65. Office desk with chair.
- 66. Storage cabinets.

**Telephone and Stereo System**

- 67. WiFi wireless routers onboard.
- 68. Flybridge Fusion Marine Stereo(x1) and speakers(x4).
- 69. Saloon 40" LCD TV with BOSE Lifestyle Home Entertainment System



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| and separated Blu-ray disc player.                               | speakers(x2).   |
| 70. Aft deck Fusion Marine Stereo(x1) and speakers(x2).          | 72. VIP cabin 19" LCD TV with Fusion Marine Stereo(x1) and SM speakers(x2). |
| 71. Master cabin 32" LCD TV with Fusion Marine Stereo(x1) and SM |   |

**\*\* All specifications subject to change without notice\*\***

– the end –

#### **Qualifications and Notice to Reader**

*Not included are pieces of free standing furniture and lamps, special designer specified lighting, art work, cooking utensils, cutlery and flatware, soft goods and the design fees attendant to personalizing the Owners interior arrangement plan and design.*

*Performance statistics, weight, draft, freeboard and height are estimated only and are not warranted, and actual figures will vary depending on tolerances achieved during the vessels construction process and the equipment, supplies and stores on board, as well as operational and sea conditions. Horizon reserves the right to substitute equipment and materials stated herein to others which it believes to be of equal or superior quality and to make such design and dimensional changes as it believes are necessary to improve the vessel's performance and function. Special treatment of interior fit-out and/or use of non-standard soft furnishings required by the purchaser may subject to additional charge*