



## HORIZON PC60 POWER CATAMARAN

2022 Standard Specifications (USA)

Effective date: Jan. 1st, 2022

### Principal dimensions (approximate):

◆ L.O.A.	:	61'-7"	(18.78 m)
◆ L.W.L.	:	52'-10"	(16.11 m)
◆ Beam	:	24'-6"	(7.47 m)
◆ Draft (half load)	:	4'-9"	(1.46 m)
◆ Height (half load, W.L to hardtop)	:	18'-9"	(5.73 m)
◆ Displacement (half load)	:	88,383 lbs.	(40.09 tons)
◆ Fuel	:	1,000 US gal	(3,785 ltrs)
◆ Fresh Water	:	250 US gal	(945 ltrs)
◆ Engine	:	Cummins QSM11 705 HP	
◆ Generator	:	Onan 21.5 kW (60Hz)*1	

### A. Hull and Main Structure

1. ABS/DNV type approved 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 and high density foam cored construction topsides in accommodation area.
6. High density foam cored construction bottom and topsides in engine room area only.
7. High-density Divinycell or equivalent foam cored hull sides, decks and superstructure.
8. Stringers with high density foam coring.
9. Interior structural components all properly bonded to hull.

10. Strong collision bulkhead structure for extra safety.
11. International® anti-fouling bottom paint, w/ anti-osmosis treatment.
12. PropSpeed/PropGold metal paint for underwater appendages
13. 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 flybridge.
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. Teak pulpit seats at bow.
9. Deck hatch for access to 63kg S/S anchor 200 ft of high tensile 3/8" chain plus 100ft mooring rope.
10. Fresh water at chain locker.
11. Opening portlights (x6).
12. Hull side frameless and flush mounted seam windows tinted and tempered glass for master & VIP cabin.
13. Deck hatches (x2) with blinds & screens.
14. Stainless steel framed salon door with 7 feet opening.
15. Port and starboard sides boarding door (USA only).
16. Non-skid deck.
17. Self draining aft deck.
18. FRP curved seat with cushions.
19. Hi-gloss finished fixed height wood cockpit table.
20. Large curved steps (x2) down to large dive/swim platform.
21. Manual swim ladder (x2).
22. Cockpit lockers for storage.
23. Cockpit LED down lights.
24. Courtesy lights.
25. Hot and cold fresh water shower (x2) recessed into aft coaming.
26. Fresh water deck wash tap and dock inlet at portside.
27. Canvas covers for helm console, Stidd helm chair, FRP lounge seating & table, BBQ on the flybridge, aft cockpit seating, and special padded cover for aft cockpit table.
28. Comfortable curved stairway with teak treads up to flybridge from aft deck.
29. Recessed fuel and water inlets.
30. \*Install fuel gauges with fuel sensor at fill on P&S side deck.
31. \*Swim platform with S/S rails TWO on each hull.

32. \*Dimmer switch for aft. deck ceiling lighting.
33. \*Dimmer switch for three light above aft. deck table.
34. \*Pre-wire for stern LED nameplate.
35. \*Locks on 3x storage lockers on aft. deck.
36. \*FRP aft deck bar with FRP-top, basin, fridge, icemaker and overhead locker.
37. \*Install OS Burnewinn fishing rod holders 5 on stern.
38. \*New inner liner for storage space in fwd. deck.
39. \*Add one S/S handrail on stbd. of aft. deck, besides aft. bar.
40. \*Upgrade to PC65 FB deck assembly with three ceiling lighting in the extra length area.

### C. Flybridge and Boat Deck

#### Flybridge

1. Non-skid flybridge cambered deck with ample drainage.
2. Navigation LED lights.
3. Ample locker space for storage.
4. Wet bar with sink, hot and cold water, fridge.
5. Indirect lighting under bar counter.
6. Luxurious lounge seating with one step higher.
7. Satin finished teak hi/lo and sliding table.
8. Helm station with S/S wheel.
9. STIDD pilot chair (x1).
10. Instrument console with engine controls, chart plotters instrument monitors and panels, fuel tank monitoring system.
11. Remote controls for spot light and ship's horn.
12. Bilge pump monitors and controls.
13. Compass with 4 1/2 size.
14. Comfortable stairs for access to aft deck with stainless handrails.



15. Hard top ceiling lights.
16. Hardtop reinforced for Nav. gear to be mounted on top.
17. Steelhead E1100 hydraulic crane for tender on flybridge \*with a second key fob controller for crane.
18. S/S flag pole on stern.
19. Double bench seat on port side.
20. Double bench seat on STBD with slide out panel and cushion for daybed.
21. \*One flood light on the radar arch.
22. \*Dimmer switch for F/B ceiling lighting
23. \* Air conditioning on flybridge (2 outlets)
24. \*One S/S hatch on hardtop (without screen), above console.
25. \* Extra bar for new BBQ location in lieu of std. layout.
26. \*One outlet near davit and cut FRP for single spigot flush mount washdown box in the stbd. for davit.
27. \*F/B bar upgrade from FRP to Corian top.
28. \*Add BLUESEA dual USB charger at P&S of console.

#### **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. Side Power bow thruster SE210 13.15hp
9. \*Side Power stern thruster SE210 (13.15HP) with tunnel.
10. Hypro Electronic Command Steering System.
11. Underwater exhaust system with bypass and mufflers.

12. \*Install fuel pump operation switch with solenoid valve in engine.
13. \*Adjustable trimtab at stern.

#### **F. Engine Room and Equipment**

1. Sound and heat insulated compartments.
2. Ventilation system with moisture eliminators.
3. 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 extinguisher outlets.
7. High water bilge pumps with alarms.
8. Oil change pump system for engines gears, and generators.
9. Marine Air – central air conditioning for each cabins and salon. (Exact same spec. and tons as PC52).
10. \*Air conditioning self cleaning system.

#### **G. Electrical System**

1. 110V or 220V electrical supply from generator/shore power.
2. Shore power connector 50amp inlet\*1 with one 75' cable master 50A.
3. \*Upgrade shore power breaker\*2 to ABB (DDA203 A S-63 + S203-C50) in lieu of std. Legrand.
4. Automatic transform switch for AC power supply.
5. Color-coded wiring for easy identification.
6. Premium DC distribution board with switches, voltmeter and amp meter.
7. Remote panel for generator.
8. Four 210Ah AGM batteries for ship's DC 24V service power.
9. Premium AC panel with switches 110/220VAC, 50A dock inlet



10. Navigation light selection panel
11. Fresh, black water & diesel tank gauges.
12. Four 210Ah AGM start batteries for engines/generator.
13. 3KW inverter\*1.
14. Vimar switches for lighting switches and receptacles.
15. Outlets in salon, bar, galley, cabins, flybridge, aft deck, and engine room.
16. AC and DC distribution panels.
17. Smoke detector in each zone.
18. Shipyard provides conduits at appointed 14 areas for Mystique to install other AV system in USA.

#### **Navigation & Instrumentation**

19. Garmin GPS.
20. Garmin 48" 48mile open array radar system.
21. Garmin 8622 22" (x3) multifunction displays.
22. Garmin Autopilot System.
23. Garmin Wind/Speed/Temp/Depth transducers.
24. Garmin VHF at flybridge (with built-in loudhailer) and interior navigation station.
25. Garmin AIS.
26. Garmin transducer with sonar module.
27. Connect Cummins engines data to Garmin display with ONE extra NBE100 network bus extenders.

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

1. Headhunter fresh water Royal Flush Bravo marine toilets in Master head, and Espresso toilets for the VIP and Guest head with back-up fresh water pump.
2. Washer and separate dryer including laundry cabinets and iron board.
3. 70 Gallon holding tanks (x2), Y valve for

- overboard discharge or dock side pump out.
4. 250 Gallon water tank.
5. Water and fuel tank integral to hull.
6. Color coded piping for easy identification.
7. Two-level water bilge alarm.
8. Electric 24V bilge pumps.
9. Marine grade lines for fresh water system.
10. 20 Gallon hot water heater to engine.
11. Fuel transfer pumps.
12. High volume AC fresh water pump.
13. Hot water circulation pump.
14. New plastic sea cocks system, except engines. Change to two Sealand discharge pump in lieu of std. RULE
15. Add two plastic valves for Aircon. System strainer in afterward.

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

##### **Interior Layout – Salon**

1. Standard layout: En suite staterooms (x3)
2. Plush wool carpeting or hardwood flooring.
3. Tempered safety glass windows.
4. Luxurious salon sofa covered in fabric.
5. Soft furnishings including roman blinds.
6. Fabric headliner with down lights.
7. Window valance.
8. Satin varnish wood coffee table.
9. Satin wood finish on vertical and horizontal surfaces. Wood selection from shipyard standard collection.
10. Dimmer system for LED ceiling lights in salon.

##### **Master Stateroom**

11. Carpeted or wood flooring.
12. Soft furnishings including blinds on all side windows.
13. King size walk around bed with pocket



- spring mattress.
14. Reading lights and cabin lights.
  15. Night stands with cupboard, light switches and outlets.
  16. Headliner with recessed down lights.
  17. Vanity desk with stool in passage way.
  18. Large dressing area with full height closets, cedar lined.
  19. Big scene glass window in cabin and above vanity desk.
  20. Dimmer system for ceiling lights in master cabin.

#### **Master Stateroom – En suite Bathroom**

21. Scene window.
22. Large dual basin, cabinets, overhead lockers, and mirrors.
23. Luxury walk-in separate shower.
24. Toilet with basin and cabinets.
25. Large closets for linens/towels and clothes.
26. \*Custom made laundry hamper in master head.

#### **Interior Layout – VIP Cabin**

27. King size bed – semi walk around.
28. Carpeted or wood flooring.
29. Soft furnishings including roman blind over large oval window.
30. Luxury pocket spring mattress.
31. Reading lights, cabin lights.
32. Night stands with cupboard, light switches and outlets.
33. Vanity with mirror and stool.
34. Closets, cedar lined.
35. Fabric headliner with recessed down lights.
36. En suite bathroom with walk-in shower, head and basin.
37. Opening port-light\*1 in shower room for natural light and ventilation.
38. Big scene glass window in cabin and head.

39. Upgrade shower seat to corian in lieu of std. FRP in three heads.

#### **Interior Layout – Port Guest Cabin**

40. Twin beds.
41. Carpeted or wood flooring.
42. Soft furnishings including roman blind over port light.
43. Luxury foam mattress.
44. Reading lights, cabin lights.
45. Opening port light\*2 in hull side.
46. Night stand with drawers, light switches and outlets.
47. Fabric headliner with recessed down lights.
48. En suite bathroom with walk-in shower, head and basin.
49. Opening port-light\*1 in bathroom for natural light and ventilation.
50. Pocket door from the laundry are to the crew room stbd. side.

#### **Bar**

51. Corian bar counter.
52. Storage for drinks bottles and glasses.
53. Storage cupboards.
54. Overhead lights.
55. Main control AC/DC panel.

#### **Galley**

56. Corian counter tops and back splashes.
57. Miele KM6365 Flush cooktop
58. Zephyr Twister Extractor over cooktop.
59. Miele H6780BP 30" Convection oven.
60. Miele (KFNF9855IDE) 30" panel ready fridge.
61. Fisher &Paykel (DD24STI9\_N) panel ready dishwasher.
62. Cutlery & crockery drawers.
63. Pot and pan drawer & spice cupboard.
64. Additional storage drawers and cupboards.
65. Double sinks with \* Insinkerator PRO750



- Disposal w/ air switch.
66. Under counter trash drawer.
67. SUMMIT wine cooler.
68. Bar stools with S/S post (x3) in galley.

**Office/Navigation Area (port of salon)**

69. Office desk with chair.
70. Storage cabinets and drawers.

**Stereo System**

71. Flybridge FUSION Apollo Marine stereo

- with four 7" JL speakers, amp and one 10" subwoofer.
72. Salon 55" TV with Sonos Soundbar and Apple TV.
73. JL 10" subwoofer\*1, FUSION Apollo Marine stereo with two 7" JL speakers on aft. deck and two 7" JL speakers on bow.
74. Master cabin 32" TV with FUSION Apollo Marine stereo (x1) and Fusion speakers (MS-CL602) (x2).

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

**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 charges.*