

FOR SALE

110' Horizon Raised Pilothouse



Builder:	Horizon Yachts	Year:	2010
Length:	110'	Engines:	Twin 1700hp Caterpillar
Construction:	Composite	Fuel Type:	Diesel
Accommodation:	10 + crew	Cruise Speed:	18 knots
PRICE:	US \$6,500,000 + GST	File Number:	JR094



HORIZON

Boats International

Boat Name

Carnival Liberty II

Located

Osaka, Japan



Salon



Dining



Salon

Engines

Engine Brand: Caterpillar
Engine Model: C-32

Tanks

Fresh Water Tanks: 2297 ltr / 607 Gal
Holding Tanks: 1000 ltr / 264 Gal

Dimensions

Length Overall: 110ft / 33.53m
Beam: 21.6ft / 6.55m
Max Draft: 6ft / 1.83m
Max Bridge Clearance: 28.5ft / 8.69m
Displacement: light 82t / full 102t

Engines

Total Power: 2 x 1,700hp
Cruising Speed: 17-18 knts
Max Speed: 20 - 21 kts

Tanks

Fuel: 18017 ltr / 4760 gal

INTERIOR

Interior equipment:

1. Interior stairs from salon to fly bridge.
2. Matte wood finish.
3. Elm Burl wood on counter tops.
4. Interlocking vinyl-ceiling panels throughout.
5. Custom bound carpet for salon and cabin floors
6. Wood floor pilothouse and galley.
7. Italian High-quality door lock and cabinet door locks.
8. Halogen ceiling lighting.
9. High-density foam mattress with custom bedding covers.
10. Leather saloon and dinette sofa.
11. Leather bed headboard Master only
12. Indirect lighting system under sofas, beds, curtain valances.
13. All stairways with safety light system.
14. GE Stack type washer/dryer.
15. Three double stateroom w/ensuite head & shower for master.
16. King size bed in master stateroom.
17. Headboard for all berths with mirrored back walls.
18. 20" TV with separate VCR in saloon and 14" TV/VCR for each cabin.
19. TV cabinet in all staterooms, saloon High-Low TV system.
20. Hanging locker cabinets in all staterooms.
21. Chilled water MARINE AIR air conditioning. W/ separate compressor in engine room.
22. 12 volt stereo in each cabin and flybridge max. 5.
23. NUTONE Central vacuum cleaner.
24. U-LINE ice maker or refrigerator per layout.
25. No door bottom thresholds except for heads & crew
26. Carpet (local supply) floor thru boat except wood floor areas
27. Wood bed frames in all cabins
28. Interior halogen bulbs to be 28V.
29. LED rope lights for interior step lights
30. 4 fire extinguishers in recessed lockers.
31. Escape hatch w/o ladder for master stateroom

Heads/Bathrooms:

1. Headhunter toilet system.
2. Marble or granite counter top and back splash in all heads.
3. Marble or granite floors in all heads.
4. Seamless polyurethane finish in all heads.
5. Towel bars, rings, cup holders, brush, etc. for all heads.
6. Exhaust blower for each head.
7. Inlaid sink with curved wood face.
8. Bathtub in master cabin.

Galley

1. Storage cabinets in accordance with layout.
2. Stainless steel sink w/garbage disposal.
3. SUBZERO refrigerator.
4. Full size electric cook top with exhaust blower above.
5. Full size microwave convection oven.
6. Dishwasher.
7. Trash compactor.
8. Galley marble or granite counter top.
9. Teak & holly or marble floors

Electronics

1. Complete instrument panel at both helm stations.
2. Full set engine gauges at both stations
3. Monitoring system for important equipment (bilge pumps, blowers, nav. Lts.).
4. DANFORTH magnetic compass at both helms.
5. International navigation lights.
6. TANK TENDER fuel and water management system.
7. ELBEX closed circuit T.V. monitor with 2 cameras (aft deck and engine room)
8. All other navigational equipment, an owner supplied option from approval supplier only.
9. Entertainment equipment as standard package only.

Plumbing

1. 200 gallon holding tank w/macerator pump.
2. "Y" valve for holding tank with deck fitting for dockside pump out.
3. Holding tank level indicator.
4. Sump pumps for showers.
5. Marine grade lines for fresh waster system.
6. Two 30 or three 20 gallon water heaters.
7. Fiberglass water tanks.
8. Five electric RULE bilge pumps.
9. High water bilge alarm.
10. Color-coded piping system for easy identification.
11. Fuel transfer pump for tank isolation or hull balance.
12. Bilge exhaust ventilation fans.
13. "TRIDENT HOSE" for engine exhaust.
14. Air compressor.
15. Back up air conditioning sea water cooling pump.

ELECTRICAL/MECHANICAL

Engine propulsion & Steering system:

1. Twin CATERPILLAR C-32 1700hp diesel engines w/reduction gears.
2. Dual RACOR 75/1000 MA fuel filters/water separator, each engine.
3. RACOR 500 MA fuel filter on generators.
4. Stainless steel shafts AQUAMET HS 22#
5. High performance 4 blade propellers - Ni-Al- Bronze 43" D.
6. Main and intermediate bronze struts w/backing plates.
7. Shaft and rudder packing glands with maintenance free TIDE STRONG seals.
8. GLENDENING electronic engine control system at flybridge & lower pilothouse.

9. Under water exhaust system for engines w/mufflers.
10. HYNAUTIC power steering system.
11. Custom steering wheels at both stations.
12. Stainless steel emergency tiller.
13. Stainless steel rudder w/zinc plates.
14. Heavy-duty SPEICH Stainless steel wipers w/wiper washer system.
15. Variable speed control on each windshield wiper.
16. Hydraulic AMERICAN BOW THRUSTER 40 hp.
- 16.a. Hydraulic AMERICAN STERN THRUSTER 40 hp.
17. HYNAUTIC heavy-duty trim tabs with indicators.
18. Third control station (engine gear, thruster) on aft deck, plus mobile "YACHT CONTROLLER 2007" for any position on the yacht.

Electrical system:

1. 110 or 220 volt electrical supply from generator or shore power.
2. Two GLENDENNING shore power cable masters 50amp w/75' cable each.
3. Shore power connection, 50 Amp to isolation transformer.
4. Extra shore power plugs on fwd deck.
5. Color-coded wiring for easy identification.
6. Two ONAN generators 32 kw (60 hz) with sound shield.
7. Fiberglass water/exhaust separator for generator.
8. TRACE 4kw SW 4024 inverter /120amp battery charger (total 2 units).
9. GUEST battery switch (vapor proof).
10. Four engines start batteries.
11. Eight 200 AH gel cell batteries for ship's service power.
12. Separate 120 amp/hr starting battery for generator.
13. All batteries enclosed with boxes and cover.
14. Main electric panel includes AC & DC circuit breakers.
15. 24 volt DC monitoring and main circuit breaker panel.
16. 12 volt cigarette lighter each station
17. AC volt duplex receptacles located throughout including engine room.
18. Italian VIMAR switches for lighting system.
19. GFI protection for AC required outlets.
20. Indirect lighting under valance in saloon, staterooms, pilothouse and galley.
21. TV antenna on top of radar arch.
22. 24 volt to 12 volt converter for supply of 12-volt components.
23. PANASONIC PBX Telephone with intercom feature, w/outlets in salon, pilothouse, master stateroom, VIP stateroom.
24. Exterior connector for shore phone and cable TV.
25. Electrolysis bonding system.
26. Upgrade to CO2 & smoke detector
27. Dimmer system for halogen lights D/C aft deck
28. Dimmer system for halogen lights A/C saloon, master & VIP cabins
29. Sub panel design in each zone for electrical distribution
30. Charles ISO boost transformer 50A x 2

Engine room and equipment:

1. Engine room clean design with finish, floor in diamond aluminum deck plates.
2. White engine room overhead ceilings.
3. Double sound & heat insulation material with foam & lead combination.
4. Stainless steel overhead grab rail on each side of engine.
5. Engine room AC florescent lights and DC dome lights.
6. Four engine compartment blowers (two AC & two DC).
7. DELTA T engine room de-mister filters.
8. Engine mounts on one piece white paint steel channel.

9. Engine alarm system for low oil pressure and high water temperature.
10. High-volume AC fresh water pressure pump and one DC pump for back up.
11. Fresh-water hose for filling engine and generator expansion tank.
12. Aluminum fuel tanks w/sight & electric gauges.
13. Oil change pump system for engines & generator.
14. Heavy-duty insulated engine room door.
15. Chilled water MARINE AIR air condition.
16. Water Maker "Sea Recovery" 1200 gal/day.
17. Mount engine gauge on top of engine to be seen by Elbex camera

STABILIZERS

1. American Bow Thruster TRAC 300

EXTERIOR

Hull and Main Structure:

1. White Gelcoat finish.
2. One-piece hull lamination and longitudinal stringers.
3. Hull, Deck & superstructure are built with licensed process SCRIPSTM for improved strength and less weight
4. Fiberglass solid hull bottom.
5. High-density foam cored construction above water line.
6. Stringers with high density foam coring.
7. Foam cored reinforcement for strength.
8. Interior structural components all properly bonded to hull.
9. Strong collision bulkhead structure for extra safety.
10. INTERNATIONAL brand anti-fouling bottom paint, w/ anti-osmosis treatment.

Exterior Deck and Equipment:

1. Nonskid fwd deck, Teak Aft decks, teak swim platform and teak steps.
2. High bulwark w/ flush mounted deck lights,
3. 4 FRP bulwark side doors w/hidden hinge for boarding with.
4. Teak cap rail w/o varnish.
5. Two stainless steel rollers w/hull side pocket anchors design.
6. Two vertical hydraulic anchor winches "Maxwell VWC4000".
7. Two stainless steel 160 lb anchors on side pocket.
8. Two high tensile 300 feet anchor chains.
9. Freshwater anchor chain wash down.
10. Heavy-duty S/S 2 handrail w/1-1/4 stanchions.
11. Stainless flag pole on bow rail.
12. Forward deck storage locker for fender and lines— L shape for better access (no central partition).
13. Forward deck seat.
14. Sunbathing cushion on fwd deck w/drink holders.
15. Heavy-duty 316# stainless steel cleats and fairlead w/rollers.
16. Frameless windows tinted tempered glass 10 mm for windshield & 8 mm for side windows.
17. Stainless steel "TREND" sliding door for main salon, self locking.
18. Two pilothouse side entrance doors.
19. Heavy-duty SPEICH Stainless steel wipers w/wiper washer system.
20. Variable speed control on each windshield wiper.
21. Stainless steel portholes.
22. Built-in shower with hot/cold water above swim platform.
23. Swimming ladder in folding storage well.
24. Aft deck seat w/drink holders.
25. Aft deck high-low dining table (fiberglass or teak).
26. Solid stainless steel rub rail around upper hull side.
27. Fiberglass rub rail w/stainless steel cap on lower aft hull side
28. Stainless steel handrails on aft deck stairs.
29. Two zinc anodes on transom.
30. SUNBRELLA canvas covers for flybridge, helm seats, aft deck seat, windshield, sun pad forward cushion and seat, standard shipyard selection.
31. 2" stainless steel rails around swim platform (removable) at stern.

32. SUNBRELLA exterior cushions (standard shipyard color choices).
33. S/S supporting pillars 5" on aft deck.
34. Internal boat hook holders on back deck.
35. Hatches(2) on top of superstructure.
36. Two S/S posts on upper aft deck.
37. Exterior LED step lights.
38. FRP rubrail with S/S cap.

Flybridge and Boat deck:

1. Interior yacht finish.
2. Windshield with wiper and washers.
3. Instrument console with leather covering.
4. "U" shape seats w/ wood high-low table.
5. TV cabinet, refrigerator, storage locker per layout designs.
6. Integral stainless steel handrails around exterior bar unit.
7. Indirect lighting system under all furniture and seats.
8. Curved stairway from aft deck to Flybridge boat deck.
9. Stainless steel sliding hatch on F/B deck step opening.
10. FRP cabinet with sink and flush mount gas /Barbecue unit on open deck.
11. Oversize drains w/strainers on each corner of flybridge deck with internal overboard drains.
12. Fiberglass radar arch w/antenna bracket.
13. One TOKAI SUNSHIN search light.
14. Chrome plated BUELE air horns on top of radar arch.
15. Space for dinghy or Jet Ski.
16. Flag staff on back of flybridge.
17. Hydraulic dinghy davit retractable "STEEL HEAD" 2500 lbs
18. Stidd helm chairs (2) Admiral model.



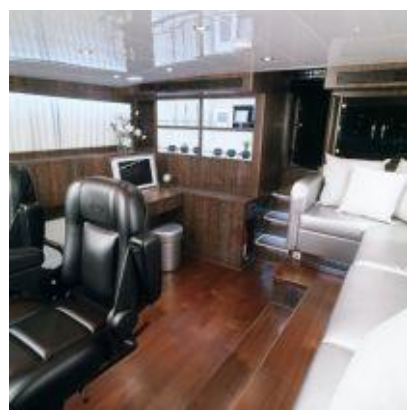
Dining



Galley



Bridge



Bridge



Master Stateroom



Master Stateroom



Master Bath



Master Bath



VIP 1



VIP 2



VIP 2 Bath



Stbd Twin



Stbd Twin Bath



Port Twin



Port Twin Bath



Crew cabin #1



Utility Room



Engine Room



Engine Room



External



External



External



External



External



External



External



External



Stern