



FD100 911

100' (30.48m) 2024 Horizon FD100
North Palm Beach Florida United States



OVERVIEW

Manufacturer:	Horizon		
Engines:	2 CAT	Hull Material:	Fiberglass
Engine Model:	C32A	Cruise Speed:	Knots
Engine HP:	1900	Max Speed:	Knots
Beam:	23' 9"	Cabins/Heads:	5 / 9
Max Draft:	6' 2"	Fuel Type:	Diesel
Water:	400 G (1514.16 L)	Fuel:	5000 G (18927.05 L)

Call for Price



Data Sheet

Category: Motor Yachts

Subcategory: Trideck

Condition: New

Model Year: 2024

Beam: 23'9" (7.24m)

Max Draft: 6' 2" (1.88m)

LOA: 101' 7" (30.96m)

LWL: 92' 4" (28.14m)

Cabins: 5

Sleeps: 11

Pullmans: 1

Twin Berths: 2

Queen Berths: 3

King Berths: 1

On Deck Master: Yes

Heads: 9

Crew Cabins: 3

Captain's Quarters: Yes

Crew Sleeps: 4

Crew Mess: 1

Knots

Knots

Fuel Type: Diesel

Hull Material: Fiberglass

Hull Shape: Fast Displacement

Air Conditioning: Yes

Displacement: 128 tonnes

Stabilizers: Zero Speed

Stabilizer Brand: Sidepower

Bow Thruster: Yes

Stern Thruster: Yes

Fuel Tank: 5000 gal (18927.05 liters)

Fresh Water: 400 gal (1514.16 liters)

Imported: No

Builder: Horizon

Designer: Cor De Rover

Interior Color: Walnut

Exterior Color: White

HIN/IMO: HY1000100911

Engines/Generators

Engine 1

CAT

C32A

Inboard

1900HP

1416.83KW

Fuel: Diesel

Engine 2

CAT

C32A

Inboard

1900HP

1416.83KW

Fuel: Diesel

Generator 1

Kohler

40KW

Generator 2

Kohler

40KW

Summary/Description

2024 HORIZON FD100 NEW BUILD UNDER CONSTRUCTION - DELIVERY SPRING 2024

Quick Specs

Headhunter sanitary treatment system

Pre-wire & pre-engineering for hydraulic davit at stbd side (2500lbs)

SeaXchange watermaker 1,800 GPD + Spot Zero system

Sidepower zero speed stabilizer

Sidepower hydraulic bow & stern thrusters

Maretron control & monitoring system

100A shore power system

Fuel polishing system

Hydraulic hi/lo swim platform 2500lb

Superyacht styling w/ tri-deck design

Enclosed skylounge w/ dayhead

On-deck Master stateroom + four guest cabins below, all ensuite

Three private crew quarters aft

Main salon + formal dining

Spacious galley w/ privacy screen & doors

Customized & luxurious interior package for soft goods, wood, stone & more

Beach club w/ Hi-Lo swim platform & hydraulic door

Large bow seating area + sun pads

Tri-deck w/ jacuzzi, sunpads & L shape seating

*Photos of Sistership

SPECIFICATIONS

ABS/DNV type approved fiber/resin & sandwich core material applied

Horizon Yacht USA sales@horizonyachtusa.com

(561) 721-4850

White gel coat finish

One piece hull & superstructure utilizing SCRIMP™ technology w/ Horizons patented 6D infusion, incl. longitudinal & transverse stringers

Hull, deck & superstructure-built w/ licensed process SCRIMP™ for improved strength & less weight

High density foam cored hull bottom

High density foam cored hull sides, decks & superstructure

Stringers w/ high density foam coring

Interior structural components all properly bonded to hull

Strong collision bulkhead for extra safety

International anti-fouling bottom paint w/ anti-osmosis treatment

PropSpeed/PropGold metal paint for underwater appendages

Tunnels for reduced draft

HPPB High performance Piercing Bow

Upper deck w/ bump out design at port & side stbd

Asymmetrical skylounge design (STBD side wide body, incl. a non-skid ledge & grab rail above)

FORWARD & AFT DECKS

Teak aft deck & teak steps

Teak Hi/Lo swim platform

Nonskid on port & stbd walkways & bow

(2) High tensile ½" 350ft anchor chains

(2) Maxwell anchor chain counters at pilot house

(2) S/S 110kg anchors

(2) S/S rollers & chain stopper

(2) Maxwell VC2500 electrical rope capstan on aft deck

Freshwater/seawater anchor chain washdown

Heavy-duty S/S 1 3/4" handrail w/ 1-1/2" stanchions & steel cable

Frameless windows, tinted Low-E tempered glass for windshield

Frameless windows, tinted tempered laminated glass for side windows

Portuguese bridge w/ U-shaped seating, sunpads & storage per layout

(3) Roll top cushions for sun pads on forward deck

Fwd port walkway sink & storage

Sun awning w/ carbon posts for the forward sofa seating

Cabinet at fwd settee w/ fridge, icemaker & storage

(2) FRP aft bulwark side boarding doors

Wind weather doors on each side of aft deck, to side walkway

Aft deck seating w/ sliding, folding, hi-lo dining table & loose furniture

Built-in side storage tables on port & stbd side of aft sofa

Aft deck two level bar w/ sink, fridge & icemaker to stbd

Added electric flip down 43" LED TV at aft deck & boat deck

Extra storage next to aft deck staircase

Electrical S/S sliding door for main salon, self-locking

Marquipt 7-step side boarding sea stairs w/ designated storage

Pre-wire for boat name on stern, port & stbd sides

(2) pop up secret lights (bow)

Two pop-up cleats on Hi/Lo swim platform

BEACH CLUB

Hydraulic door w/ pantograph door in middle

Sofa seat w/ removable cushion/ table, as per layout

43" LED TV

Hydraulic Hi/Li swim platform w/ 2500lb capacity

Bar w/ S/S barstools, fridge w/ freezer, as per layout

(4) sockets for removable handrails on swim platform

2" removable corner rails on swim platform

Built-in shower w/ hot/cold water above swim platform

SKYLounge & PILOTHOUSE

Skylounge design w/ day head, L-shaped sofa, refrigerator/freezer, icemaker, sink & LED 50" Hi/Lo TV as per layout

Custom designed helm w/ full set of engine gauges, monitoring system for important equipment, fuel & water gauges, Ritchie Supersport magnetic compass, surveillance camera system (PTZ cameras for aft deck & engine room), bilge

pump panel & nav lights

(2) STIDD helm chairs

Pocket door to separate skylounge & pilothouse

Sofa w/ built in end table & chart drawer in pilothouse, per layout

BOAT DECK

Teak boat deck

Oversize drains w/ strainer on each corner w/ internal overboard drains

Removable S/S rails around boat deck

43" hi/low TV on stbd side

Full U shape sofa seating w/ prewired & pre-plumbed fire pit table

Formal dining table w/ seating for 10

Cabinet w/ propane BBQ, fridge, sink, & ice maker, as per layout

Wet bar w/ sink, ice maker & under the counter fridge to stbd

Sunshade for boat deck area, per layout

Pre-wire hydraulic steelhead davit 2500lbs at stbd side

(4) Lumitec flood lights for mast & boat deck

(2) Tokai Sanshin search lights

(2) Zodiac 10-person life raft w/ custom brackets

Fusion stereo system w/ speakers

Sliding door to boat deck w/ self-lock

TRI-DECK

Non-skid

Radar arch w/ antenna bracket

Windshield w/ S/S frame & S/S rails

One stair from upper deck to Flybridge

Large L-shaped sofa w/ coffee table, as per layout

Full-width forward sunpad w/ roll top cushions

Wet bar w/ sink, fridge & ice maker

Jacuzzi w/ rotating 55" Hi/Lo TV

Handheld remote plugin for engine control

ENGINE & PROPULSION DETAILS

Twin CAT C32 ACERT Engine 1900hp

Yacht Controller

S/S shafts Aqualoy 22HS

High performance S-class 5 Blade propellers

Bronze struts w/ backing plates

Shaft & rudder packing glands w/ Tides Marine seals

Sidepower Zero Speed Stabilizers (SPS96B/VF1950)

Sidepower hydraulic bow (SH700) & stern thrusters (SH550)

Delta-T engine room ventilation system

(2) FRP foil balanced blade rudder w/ S/S rudder stock

S/S emergency tiller in rudder cabin

Hypro Steering System

Underwater exhaust system for engines w/ bypass mufflers

Anti-noise treatment to exhaust system

Upgraded to Zipwake interceptor (IT-1000E & IT-600E/R600) from standard Bennett trim tabs

Engine load distributed through flexible mountings on S/S engine bed bonded to FRP hull girder

ER clean design w/ lightweight honeycomb floor

S/S overhead grab rail on each side of engine

Engine room LED ceiling lights & LED lights under engines

Engine alarm system for low oil pressure & high-water temp

Prewire & pre-plumbed for dive compressor

Air conditioning in ER

Workbench w/ sink & vice

Custom-made toolbox

S/S Drawers for tools

MECHANICAL SYSTEMS

Chilled water Marine Air a/c

Backup A/C circulation pump (ship loose)

Backup A/C sea water cooling pump (ship loose)

A/C Engine Room

Fuel tanks w/ sight & electrical gauges

Dual Racor 75/100 MA fuel filters/water separator, each engine.

Racor 500 MA fuel filters, one each generator

(2) Electric fuel transfer pumps

Reverso FPS210 fuel polishing system

Oil change pump system for engines, gears, & generators

400 Gallon FRP water tank

Seaxchange watermaker XTC II 1,800 GPD + Spot Zero II 2000 GPD

High-volume Headhunter AC freshwater pressure pump & back up DC pump

Fresh water charcoal filters in main supply pipe & galley

Fresh water hose for filling engine & generator expansion tank

Marine grade lines for freshwater system

(2) 30 Gallon water heaters

Hot water circulation pump

Headhunter sanitary waste treatment system (TW-HMX 6001LP)

Headhunter toilet system

200 gal holding tank w/ Y-valve & deck fitting for dockside pump out

100 Gallon sump tank

Electric level indicators for holding tank & sump tank

Electric Rule bilge pumps

Air handler in engine room (18K BTU)

(2) Manual bilge pumps in ER & forward staterooms

High water level bilge alarm

Bilge exhaust ventilation fans

Seafire fixed fire extinguisher (FM200) for ER w/ remote control

Fire insulation in engine room

Fire resistant treatment for pipe

Auto shutdown system

Automatic fire damper system

(5) Portable fire extinguishers in recessed lockers

Integrated fire alarm in pilothouse w/ heat & smoke detectors in each cabin

Fire Pump w/ outlets & hydrants

Install Honeywell dehumidification system (Honeywell DR65A3000 x5 units, incl. T10 Pro smart thermostat control panel per unit.)

ELECTRICAL SYSTEMS

LED lighting system throughout interior & exterior

Maretron monitoring & control system

(2) Kohler 40kW/60Hz generators w/ sound shields

100A shore power system w/ ISO Boost transformers 100A (2)

Glendinning shore power Cablemasters (x2) 100Amp w/ 75' power cable each

(4) 255AH AGM start batteries for engines/gens w/ (2) battery chargers

(8) 210Ah Lifeline AGM batteries for boat's DC 24V service power w/ (2) combined inverter/chargers

(2) 210Ah Lifeline emergency batteries w/ independent battery charger

Main electric panel includes AC & DC circuit breakers

Emergency power package & lighting system

AC volt receptacles located throughout including engine room

GFI protection for all AC outlets in heads, galley & ER

Octoplex multiplexing power distribution system

Electrolysis bonding system

Cathodic protection w/ zinc anodes for shafts, struts, etc.

(8) Underwater lights

Stern docking lights

Extra LED searchlight

INTERIOR DÉCOR & EQUIPMENT

Guest accommodations include on-deck master stateroom, fwd VIP cabin, port & stbd VIP cabins & twin guest room, all ensuite

Crew area has 3 cabins, 2 heads, crew galley w/ access from aft deck & transom

Custom luxury interior package for soft goods, décor & lighting

Main wood: walnut in satin finish w/ dark wenge accents in satin finish

Crew wood: oak in satin finish

Varnished American Walnut floors in main salon, dining, foyer, skylounge & pilothouse

Fabrica carpet for all guest staterooms

Cambria quartz countertops & flooring for all guest heads

Stacked Miele washer/dryer in guest foyer & crew companionway (total of 2)

Vitrifridge undercounter fridge in guest foyer

Full set of Horizon logo galley tableware for 10 including dish holders, pots/pans, dishes, plates, cutlery, glasses, etc.

Extra sheet sets for every bed, towels for every guest cabin

SALON

Dayhead in main salon aft

L-shaped sofa, custom coffee table w/ ottomans per layout

(2) Loose swivel chairs & side table to stbd

Custom area rug

Fixed formal dining table w/ seating for 10

Electric single treatment curtains

Free standing hutch w/ extensive storage

Custom wine glass locker w/ wine cooler

Port & stbd sliding doors of main salon

55" LED TV

Home theater system

GALLEY

Professional Galley w/ full height pantry + extensive storage per layout

Pull-out chef stool

Direct port side deck access into Galley

Full height 48" Pro Sub-Zero fridge + full-height freezer w/ icemaker

Sub-Zero under counter 24" refrigerator & freezer

Miele 5 burner cooktop, oven & hood

Spice Locker

Microwave oven w/ drawers

Kitchen Aid Trash compactor

S/S double sink w/ disposal

Miele dishwasher

S/S pot & pan holders over cooktop

Hi/Lo screen & privacy doors to enclose galley

MASTER STATEROOM

King bed w/ storage drawers & nightstands

Escape hatch in Master head w/ ladder

Ensuite his & hers head w/ sink, toilet & storage on each side, middle shower w/ rain shower head

Steam bath generator in master shower

2 hanging lockers (port & stbd)

Pre-wire for electric roman shades

(2) Portholes that open

Sonos sound bar

Control4 system

50" LED TV

FWD VIP QUEEN STATEROOM

Queen bed w/ nightstands & drawer storage

Large hanging locker on stbd side

Ensuite head w/ sink, shower & toilet

43" LED TV

MIRROR VIP QUEEN STATEROOMS (2)

Mirrored staterooms w/ Queen bed, storage drawers & nightstand

Large hanging lockers

Ensuite head w/ sink, shower & toilet

Escape hatch in port stateroom

43" LED TV

TWIN GUEST STATEROOM

Twin beds, one fixed + one sliding

Pullman

Hanging locker

Ensuite head w/ sink, shower & toilet

32" LED TV

CREW QUARTERS

Captain's cabin w/ hanging locker, 43" LED TV & ensuite head

(2) Bunk crew rooms w/hanging locker

Shared head w/ sink & shower

Crew galley w/ sink, 43" LED TV, convection microwave & cooktop

Full height G.E fridge/freezer

(2) USB outlets in crew galley

Pocket door to separate the crew mess & the stern stairs

ELECTRONICS

TV antenna on top of radar arch

SAT TV KVH TracVision UHD7 + Dummy Dome + SAT phone pre-wire only

(5) Panasonic PBX Telephones w/ intercom feature

Exterior connector for shore phone & cable TV

Surveillance camera system (PTZ cameras at aft deck & engine room).

Fusion speakers for all exterior

Interior Sonos speakers

Upgraded AV system to Sonos

Subwoofers in tri-deck, boat deck & aft deck

Add Control4 system (only control AV system) for the following areas: tri deck, bow, skylounge, boat deck, aft deck main deck incl. salon, galley & master stateroom

Prewire FLIR M364C night vision

Prewire for Starlink

PILOTHOUSE NAVIGATION

Full Garmin nav system includes:

(3) Garmin GPSMAP 8624 24" multifunction display

Garmin GMR 1226 72" 12kW 72nm open array radar system

GMR Phantom 54 solid-state open array & pedestal

MBB300C for inputting Maretron info to Garmin display

Garmin Grid 20 remote input device

(2) Garmin VHF 315

Garmin AIS

Garmin Reactor Autopilot control system

Garmin instrument display w/wind transducer; Airmar Ultrasonic speed & temp transducer

Garmin fishfinder

Garmin satellite weather antenna



Sister ship Running in ocean



FD100 3D Renderings Forward-facing salon with lounge chair and couch.



FD100 3D Renderings Custom salon table with push in ottomans.



FD100 3D Renderings Dining area with large windows and seating for ten.



FD100 3D Renderings Salon with TV and dining table.



FD100 3D Renderings Dining with bar area and wine cooler.



FD100 3D Renderings High-low galley privacy screen closed.



FD100 3D Renderings Large bright open galley with waterfall island.



FD100 3D Renderings Master stateroom with a custom headboard.



FD100 3D Renderings Ocean-inspired marble shower in master shower.



Sister ship Still shot of bow and sunshade.



Sister ship FD100 running across flat sea.



Sister ship F100 cruising the sea with sunshades on bow.



Sister ship Bow with U shape seating and table.



Sister ship Large bow area and blue sunpads.



Sister ship Starboard walkway to bow.



Sister ship Aft deck furniture with orange pillows.



Sister ship Beach club with bar and TV.



Sister ship Spacious engine room with fire system.