

HAPPY HEART - HORIZON YACHTS



Builder: [Horizon Yachts](#)

LOA: 80' 0" (24.38 m)

Year Built: 2024

Beam: 22' 0" (6.86 m)

Model: FD80

Max Draft: 18' 4" (5.58 m)

Price: \$6,799,000 USD Subject to change.

Cruising Speed: 17 Knots (19.56 MPH)

[See full listing on our website](#)

Location: Fort Lauderdale, United States

Max Speed: 21 Knots (24.17 MPH)

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OVERVIEW

Presented by her original owners, the 2024 Horizon Yachts FD80 is a US spec 60 Hz luxury motor yacht, with US duty and tariffs paid and currently flying the American flag. A flagship within the Horizon lineup, she introduces the brand's first true single level, on deck owner's suite, artfully concentrating the generous volume and comfort usually reserved for 100 foot plus yachts into an elegant 80 foot footprint. Thoughtfully customized and exquisitely finished throughout, this flybridge motor yacht marries superyacht style amenities with a pragmatic, family friendly layout; her fast displacement hull form and intelligent deck plan further amplify livability and versatility, creating an ideal passagemaker for owners seeking effortless luxury and capability in a compact superyacht package. Lightly cruised with low hours and enhanced by tasteful upgrades, she presents as a turnkey bluewater cruising vessel ready for immediate enjoyment.

Current imagery remains stock photography from her launch; updated photos and a full walkthrough video will be supplied as they become available. Convenient to view in Fort Lauderdale and attractively priced for a swift sale, this is an exceptional opportunity to acquire a late model Horizon FD80 with highly desirable US specifications.

SPECIFICATIONS

Basic Information

Category:
Motor yachts

Year Built:
2024

Sub category:
Motor Yacht

Country:
United States

Model Year:
2024

Dimensions

LOA:
80' 0" (24.38 m)

Max Draft:
18' 4" (5.58 m)

Beam:
22' 0" (6.86 m)

Speed, Capacities and Weight

Cruise Speed:
17 Knots (19.56 MPH)

Water Capacity:
400 Gallons

Max Speed:
21 Knots (24.17 MPH)

Fuel Capacity:
2700 Gallons

Accommodations

Total Heads:

5

Crew Cabin:

2

Hull and Deck Information

Hull Material:

Fiberglass and Plastic Yachts

Hull Designer:

N/A

Deck Material:

Fiberglass

Interior Designer:

N/A

Hull Configuration:

N/A

Engine Information

Engines:

2

Engine Type:

Inboard

Manufacturer:

Caterpillar

Fuel Type:

Diesel

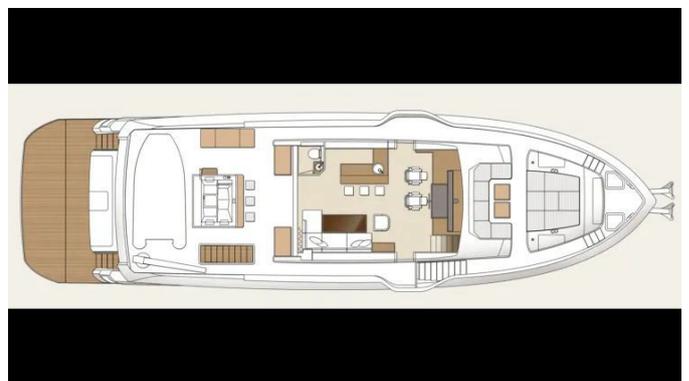
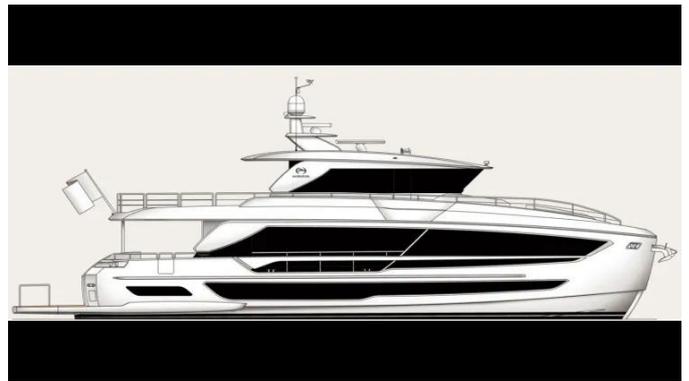
GALLERY

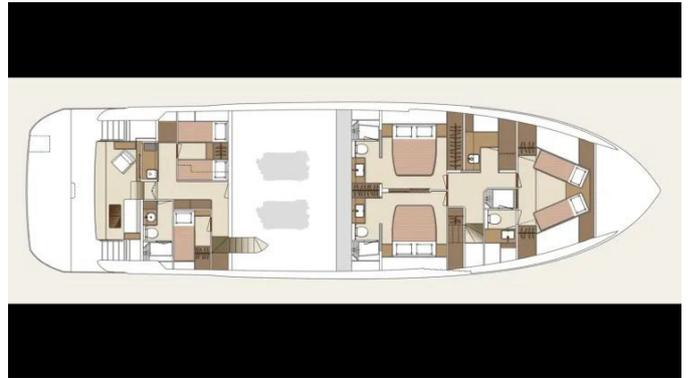












DETAILED DESCRIPTION

Happy Heart FD80 factory customizations

Purpose built enhancements elevate Happy Heart FD80 far beyond standard, beginning with an upgraded hydraulic Hi/Lo platform capacity increased from 1,750 lbs/790 kg to 2,200 lbs/990 kg and a robust MarQuipt seven step side boarding sea stair for effortless embarkation. Hands on deck handling is refined by twin Maxwell VC2500 electric rope capstans on the aft deck and twin chain counters—one per windlass—while a 32" electric flip down TV adds open air entertainment aft. The fixed platform has been extended by approximately two feet and specially reinforced along with the Hi/Lo mechanism, then finished with additional teak for beauty and strength. Ground tackle is upgraded to a deck mounted anchor system with twin ninety kg stainless steel CQR anchors replacing the standard pocket anchors, and fresh air and light are amplified via three openable screened portholes added to the master stateroom—one starboard, one port, and one in the shower room—plus one openable porthole in the galley. Aft, two glass windows are inset into the stern bar top to pour natural light into the beach club, and recessed floor sockets in multiple positions enable effortless movement and reconfiguration of the table. Heavy duty capability continues with the standard Steelhead davit upgraded to a 2,200 lbs rating, an extra Stidd N500 manual helm chair, the main engines upgraded from the standard CAT 1,136 HP to CAT 1,600 HP, and the stern thruster upgraded from SH420 to SH550 (550 kg) to match the bow thruster. Command is expanded with one extra remote handheld control—throttles, gears, and thrusters—plus two plug in receptacle locations, one on the aft deck and one in the pilothouse. The proposed NAV package upgrade is comprehensive: the standard four foot radar is upgraded to a six foot Garmin GMR 1236 xHD3 and a second radar is

added—a Fantom 54 solid state open array with pedestal (four foot/50 W/72 nm); the standard sixteen inch multifunction displays in the pilothouse are upgraded to three Garmin GPSMAP 9222 twenty two inch MFDs; the standard Maretron monitor is replaced by one Garmin GPSMAP 9222 twenty two inch MFD; and an MBB300C is added so Maretron data can be input to the Garmin display for full Maretron system control and monitoring. Vision is expanded further with a Garmin Surround View camera system, and convenience rises with additional outlets discreetly installed in the base of the aft deck sofa and on the port side table pedestal of the bow deck. Blue water autonomy and comfort are fortified with the standard watermaker upgraded to Spot Zero SeaXchange XTCII 1800 and ZTCII 2000*, a Headhunter sanitary treatment system TW HMX 6001LP*, an 18,000 BTU air handler in the engine room including controller, a Honeywell dehumidification system comprising four units each with a T10 ProSmart thermostat control panel, and Dometic air conditioning specified with variable frequency drives instead of smart starts. Interior ease is enriched by single layer electric blinds in the salon (except the entrance door) and electric blinds in the master stateroom (except the head), a U LINE wine cooler, and refrigeration upgraded from one full height unit to two total units comprising a thirty inch full height refrigerator and a thirty inch full height freezer; a full set of Horizon logo galley tableware for ten is included—dish holder, pots/pans, dishes, plates, knives, forks, and glasses*—along with an extra set of bed sheets for all cabins including crew and one set of towels for all heads including crew and day heads.

Entertainment receives a major lift via the AV package upgrade: larger TVs in the salon, skylounge, master stateroom, and beach club; the TV lifts in both skylounge and salon upgraded to electric flip down brackets sized to the TVs; extra SONOS amps and rear channel speakers for the salon and master staterooms; an extra SONOS amp, an extra pair of speakers, and a subwoofer for the skylounge; an extra SONOS amp and Fusion speakers (one pair) on the forward deck and aft deck; SONOS amps and Fusion speakers (one set each) in

each crew cabin for a total of two sets; LUTRON Pico remote controls for the SONOS system per number of rooms, including repeaters, totaling twelve remotes; and a Control4 system dedicated to AV control only in the forward deck, skylounge, boat deck, aft deck, and the main deck including saloon, galley, and master stateroom. Rounding out the custom inventory are fridge and freezer drawers (Vitrifrigo DW180IXD1 ESI 1) in the crew/beach club and a Zodiac eight person life raft secured on a custom made bracket.

Welcome to Happy Heart Horizon FD80

Offered for sale by her original owners, the 2024 Horizon Yachts FD80 is a US spec 60 Hz vessel that is US duty and tariffs paid and currently USA flagged. She blends cutting edge design with thoughtful detail and stands out as a turnkey opportunity. This FD80 is the first in the Horizon Yachts lineup to feature a full same level on deck master stateroom and compresses extraordinary interior volume into an 80' footprint—delivering living space you would traditionally expect from 100'+ yachts in conventional layouts. Beautifully appointed throughout with carefully curated customizations and upgrades, she shows low hours, light use, and the poised readiness to carry you swiftly into your next adventure. Photos shown are stock images from when the vessel was new; inquire to receive updated photography and a walkthrough video the moment they are available. Easy to inspect in Fort Lauderdale, she is priced aggressively for a prompt sale.

Happy Heart standard features

Note—The following standard features may be superseded by the upgrades listed above; for any questions, please ask the central agent for more details. Hull and main structure are engineered to world class standards with ABS/DNV type approved fiber/resin and sandwich core materials throughout,

a white gelcoat finish for the hull above the waterline as well as exterior decks and furniture, and a one piece hull and superstructure utilizing SCRIMP™ technology with Horizon's patented 6D infusion including longitudinal and transverse stringers. The hull, deck, and superstructure are built with the licensed SCRIMP™ process for improved strength and reduced weight, with a high density foam cored hull bottom and high density Divinycell or equivalent foam coring to the hull sides, decks, and superstructure. Stringers are high density foam cored and all interior structural components are properly bonded to the hull, which is further protected by a strong collision bulkhead. Below the waterline, international anti fouling bottom paint with anti osmosis treatment is applied and underwater appendages receive PropSpeed/PropGold metal coating. Efficiency is enhanced by tunnels for reduced draft and a High Performance Piercing Bow (HPPB) with stainless steel protection plates, while the upper deck carries a bump out design at both port and starboard. Exterior deck and equipment showcase a teak aft deck, teak swim platform, and teak steps to the boat deck and swim platform, with non skid for remaining surfaces, all encircled by an FRP cap rail. Ground tackle is handled by twin Maxwell VWC3500 vertical hydraulic anchor winches with local foot switches and remotes feeding twin 300 ft high tensile one half inch anchor chains onto twin ninety kg stainless steel anchors, guided by stainless steel rollers and secured by chain stoppers. Heavy duty 316 stainless steel cleats and fairleads with rollers, twin aft deck corner hawser pipes, bulwarks with flush mounted courtesy lights and twin bulwark side doors for boarding underline practicality. A freshwater and seawater manual anchor chain washdown system, a one and three quarter inch handrail supported by one and one half inch stainless steel stanchions and steel cables around the entire boat, and a stainless steel flagpole at the bow join standard lines and six Polyform F 7 fenders. Up forward, a Portuguese bridge with seats and a foredeck sunpad with drink holders and twin pop up lights meet frameless, slightly tinted tempered laminated Low E windshield

glass and frameless, tinted tempered laminated side windows. Safe movement is ensured by stairs from aft deck to swim platform with stainless steel gate doors and handrails, a saloon manual entrance three pane folding sliding door—one hinged, two foldable and slidable—with self locking, twin deckhouse side entrance doors, and a wind door on each side of the aft deck for walkway access. The aft deck presents a Hi/Lo dining table with FRP seating per layout and one integrated stair to the upper deck; the hydraulic Hi/Lo swim platform lifts a tender up to 1,750 lbs and carries two pop up cleats. Included are two boat hooks shipped loose, a built in hot/cold shower above the swim platform, an extractable or foldable swim ladder, and a pair of sun awnings serving foredeck and boat deck. Protection includes a rub rail around the hull sides, stainless steel portholes, exterior LED step lights, two inch removable corner rails on the swim platform, and pre wiring for an LED boat name on port, starboard, and stern—three sets, maximum eight letters per set. Doors to exterior areas are screened except for curved doors, L shaped hatch doors, and pantograph doors. At the beach club, a hydraulic door with a pantograph door in the middle opens to a sofa with table as per layout. A skylounge helm station with a sliding self locking door to the boat deck, air conditioning, and a roof hatch at the aft starboard corner with a ship loose retractable ladder anchor the upper level, joined by L shaped seating with table as per layout and a day head located in the skylounge or pilothouse. The boat deck/upper deck carries non skid and configurable furnishing options: either a Jacuzzi with heating or three sun loungers. Standard Sunbrella fabrics dress exterior cushions and Sunbrella canvas covers protect the boat deck, helm seats, aft deck seats, sunpad and foredeck cushions and seat. Countertops and tabletops are offered in standard Corian/Granite/Quartz over FRP (excluding extended designs), and a custom bar with sink and refrigerator is built as per layout adjacent to either a hidden 24" propane BBQ with manual Hi/Lo or a 15" teppanyaki grill with cover. Oversize drains with strainers at each corner of the boat lead to internal overboard drains beneath a radar arch with antenna

bracket. Night running is aided by twin Tokai Sanshin LED searchlights and four Lumitec floodlights—two on the mast and two for the boat deck—while chrome plated Buell air horns crown the arch. A stainless steel flagpole flies aft above a Steelhead ES1750 hydraulic davit rated 1,750 lbs, and warm white LED lights illuminate the Horizon logos on both port and starboard sides. In the pilothouse, a manual Stidd pilot chair faces heavy duty Speich stainless steel wipers with wash system and variable speed control on each windshield wiper, shading via standard black mesh. Navigation is centered on a Ritchie or Danforth or equivalent magnetic compass at the helm and international LED navigation lights—anchor, masthead, stern, port, and starboard—totaling five units. Engine data is delivered by a full set of engine gauges at the helm and electric fuel and water level gauges, supported by a monitoring system for key equipment including bilge pumps, blowers, and navigation lights, and a surveillance camera system with two PTZ cameras, one on the aft deck and one in the engine room. Propulsion and steering are entrusted to twin CAT C18A 1,136 HP diesel engines with reduction gears (upgraded to C32 1,600 HP*), with live SAE C PTOs on the gearboxes powering thrusters/windlasses and stabilizers and SAE A PTOs on the engines driving the hydraulic steering gear. The Seatorque shaft system—Seatorque Bolt On Shaft System “BOSS” model M4B with AQ22HS stainless steel shaft, Cardan shaft, and QuicKutter line cutters—spins high performance S class five blade NiAlBr propellers via bronze struts with backing plates. Steering confidence comes from rudder packing glands with Tides Marine dripless seals or equivalent, a ZF command engine control with chrome control head at the helm, a Dual Band Yacht Controller, a Hypro or equivalent power steering system, and twin FRP foil balanced blade rudders with stainless steel stocks supported by a stainless steel emergency tiller in the rudder cabin. The underwater exhaust system features bypass mufflers, and motion is settled by a Side Power hydraulic stabilizer system SPS93B VF1650 (1.65 m²) with “At Anchor” function, Side Power hydraulic bow thruster SH550 (550 kg) and stern

thruster SH420 (420 kg), and a Zipwake or equivalent interceptor system. The engine room is cleanly designed with a lightweight honeycomb floor, watertight bulkheads forward and aft, and a heavy duty insulated door. Stainless steel overhead grab rails run along each side of the engines beneath LED ceiling lights, with blue LED rope lights under engines adding visibility. Anti noise treatment with sound and heat insulation wraps the compartment, which breathes via Delta T reversible AC intake blowers with automatic speed control and Delta T or equivalent dehumidifiers. Engine loads are distributed through flexible mountings on stainless steel engine beds bonded to the FRP hull girder, alarms are fitted per engine standard, and service is aided by an air compressor, Trident or equivalent exhaust hose, and a workbench where feasible. Electrical systems are meticulously executed with color coded wiring, AC and DC main panels with circuit breakers, and sub panels with breakers in each zone for distribution. AC receptacles are located throughout, including the engine room, with GFI protection for all AC outlets on exterior decks, in heads, galley, and engine room. Generators exhaust through fiberglass water/exhaust separators, and the hull is safeguarded by an electrolysis bonding system and cathodic protection with zinc anodes for shafts and struts. Atmosphere is refined by indirect lighting under valances in the salon, staterooms, skylounge, and galley; dimmer systems for LED ceiling lights in the aft deck and skylounge; and dimmers for LED ceiling lights in the saloon, pilothouse, and master and VIP staterooms. Italian Vimar switches outfit the lighting system, a motion detection light serves the guest foyer near the staircase, and six underwater lights add nighttime allure. An electrical system variant complies with Australian requirements when specified. The AC/DC main power system comprises Onan 29 kW (60 Hz) generators with sound shields, four 255 Ah 12 V AGM start batteries for engines/generators with two chargers, four 255 Ah 12 V AGM batteries for ship's 24 V DC service power with two combined inverter/chargers, all batteries properly enclosed and secured, and an ignition protected battery switch. Power distribution is via Octoplex

(ABB circuit breakers or equivalent for Australia), and a Maretron monitoring and control system is installed. Shore power arrives through twin Glendinning Cablemasters, 100 Amp each with 75' cables, feeding twin 100 Amp ISO boost transformers wired as polarization transformers; there are two 100 Amp shore power plugs and, for USA only, twin 100 Amp bow receptacles. The standard navigation suite provides Garmin GPS, a Garmin 48" 12 kW 72 nm open array radar system, three Garmin sixteen inch multifunction displays, a Garmin autopilot, Garmin wind/speed/temperature transducers, twin Garmin VHF's with built in loudhailer, and Garmin AIS. Mechanical systems employ marine grade piping throughout with color coded runs for easy identification and engine room strainer plumbing that includes a crossover line, freshwater flush, and an extra custom cap. The fuel oil system consists of fuel tanks with sight and electric gauges sized per principal dimensions, ISO grade fuel hose throughout, dual Racor 75/1000 MA fuel filters/water separators for each engine, twin Racor 500 MA fuel filters—one per generator—electric fuel transfer pumps (two; Oberdorfer for USA and Australia), an oil change pump serving engines, gears, and generators, and a single 210 GPH fuel polishing system. Freshwater duties are handled by an FRP water tank sized per principal dimensions, twin twenty gallon water heaters, a high volume Headhunter or equivalent AC freshwater pressure pump with one DC pump for backup, a 600 GPD Spot Zero or equivalent watermaker, freshwater outlets and hoses for filling engine and generator expansion tanks, freshwater hose bibbs on foredeck, aft deck, and boat deck, charcoal filters plumbed into the freshwater line at the shore water inlet and the galley, and a hot water circulation pump. The sanitary system comprises a one hundred gallon holding tank with Y valve and deck fitting for dockside pump out, a sump pump system for grey water, Tecma toilets, and an electric level indicator for the holding tank. Bilge security is delivered by electric Rule bilge pumps, manual bilge pumps in the engine room and forward stateroom, a high water bilge alarm, bilge exhaust ventilation fans, and a deck washdown pump with

outlets at chain lockers and transom. Climate control relies on a Marine Air chilled water air conditioning system with air handlers throughout the interior, a backup seawater cooling pump for USA only, and a ship loose backup circulation pump for USA only. Fire safety includes engine room fire insulation, fire resistant treatment at pipe penetrations, a fixed FM200 or equivalent fire extinguisher in the engine room with remote pull station (NOVEC for Australia), an automatic/manual shutdown system, automatic fire dampers, four portable fire extinguishers, and an integrated fire alarm system at the pilothouse with heat or smoke detectors in each cabin. Interior design and equipment, per layout and interior specification, feature three ensuite staterooms and one ensuite crew cabin; a standard palette of flooring—hardwood in public areas, carpet in staterooms, and stone or tile in the galley and heads; wood or upholstered countertops except stone in heads and galley; and a standard interior wood collection. A graceful interior stairway connects main deck to skylounge and forward staterooms beneath interlocking vinyl ceiling panels throughout. Hardware includes high quality Frascio entrance door handles or equivalent and cabinet pulls per shipyard standard, while sleeping comfort is ensured by high density hotel grade pocket spring mattresses throughout except crew cabins and upper bunks. Window and porthole shading is by manual single layer blinds with valances from the standard fabric collection, matched by coordinated fabrics for bedspreads, decorative pillows, and sheet sets—flat sheet, fitted sheet, and pillowcases—one set per berth. The master stateroom carries a king size bed, a safe, and upholstered headboards grace the master, VIP, and guest staterooms, with wood or upholstered bed frames in all cabins, ample closets, and an escape hatch with ladder for the master. Illumination is by Quick/BCM or equivalent LED ceiling lights and an indirect lighting system beneath fixed sofas, beds, valances, and all stairways. Galley and tableware storage is supported by glass/dishes/plates holders if a sample is provided. Shower stalls are finished in seamless polyurethane in standard colors, with a stone or tile

feature wall in the master shower; Hansgrohe or equivalent faucets, towel bars, towel rings, cup/brush/soap holders, and toilet brushes outfit all heads, each with an exhaust blower. Basins in forward heads are Duravit/Kohler or equivalent, the master bathroom includes a bathtub only if space allows and a rain shower in the master shower room, and a day head is provided per layout. Each stateroom includes two USB chargers. Noise and vibration control is comprehensive, with floating floors and floating walls isolating vibration and noise—specifically at the engine room forward bulkhead and the master stateroom aft bulkhead. Crew quarters are arranged aft per layout and include an efficiency galley—if equipped, with convection microwave, sink, and under counter refrigerator—head and shower, closets, bunks, storage lockers, and air conditioning. Finishes comprise satin wood on walls, vinyl ceilings and floors, Corian or equivalent countertop and head floor, and Justime collection or equivalent head hardware, all from shipyard standard choices. Appliances include, per layout, an under counter ice maker or refrigerator, a stainless steel sink, garbage disposal, a Miele or equivalent refrigerator (Sub Zero for USA only), a Miele or equivalent electric induction cooktop with exhaust blower above, a Miele or equivalent dishwasher, a Miele or equivalent microwave and oven or a combined microwave oven, a trash compactor, twin Miele or equivalent washer/dryers—one combo unit at the forward cabin and one stacked unit at crew—and two Dyson or equivalent portable vacuum cleaners. Communication and entertainment are capped by a SAT TV antenna with a symmetric dummy dome and pre wiring for SAT phone—KVH TracVision UHD7 with KVH TracNet H60 dummy dome for USA; Intellian i9W with Intellian i9P/i9W dummy dome for Australia and New Zealand; KVH TracVision TV8 with KVH TracVision TV8 dummy dome for Europe—excluding TV decoders. A TV antenna crowns the radar arch and a 4G/5G cellular router system delivers onboard Wi-Fi. The skylounge carries a 32" LED TV with SONOS stereo and two FUSION speakers, or on an open flybridge specification a SONOS stereo with four FUSION speakers. The boat deck features a SONOS

stereo with two FUSION speakers; the saloon carries a 46" LED TV with SONOS Entertainment Set; the aft deck has a SONOS stereo with two FUSION speakers; the master stateroom includes a 32" LED TV with SONOS Entertainment Set; the VIP stateroom offers a 32" LED TV with SONOS stereo and two FUSION speakers; the guest stateroom features a 32" LED TV with SONOS stereo and two FUSION speakers; and the crew mess (for one cabin only) includes a 32" LED TV with SONOS stereo and two FUSION speakers. Panasonic PBX telephones—four units with intercom features—are fitted in the salon, pilothouse, master, and VIP staterooms, with telephone outlets in the remaining cabins, and an exterior connector serves shore phone and cable TV.

CONTACTS

Shestakov Yacht Sales is a brokerage company specializing in the sale and service of yachts worldwide. The company offers services for buying and selling both new and used motor yachts, sailing vessels, and luxury superyachts. They also provide yacht registration, insurance, technical maintenance, crew selection, and charter organization services across the U.S., Canada, Latin America, the Caribbean, and the Bahamas.

The founder and lead broker of the company is Andrey Shestakov, a licensed and certified expert with extensive experience in marine engineering and shipbuilding.

The company has an extensive network of partnerships with major yacht manufacturers worldwide and provides services in multiple languages, including Russian, Ukrainian, Spanish, and English. The office is in Dania Beach, Florida, USA.

For more information and to view available yachts, you can visit the company's official website: <https://shestakovyachtsales.com>

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