

STERN - WIDER



Builder: [WIDER](#)

LOA: 162' 0" (49.56 m)

Year Built: 2019

Beam: 27' 0" (8.45 m)

Model: N/A

Max Draft: 7' 7" (2.30 m)

Price: \$29,359,276.95 USD Subject to change.

Cruising Speed: 13 Knots (14.96 MPH)

[See full listing on our website](#)

Location: Istanbul, Turkey

Max Speed: 14.10 Knots (16.23 MPH)

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OVERVIEW

Stern is a stunning 49.5m motor yacht crafted by Wider Yachts in Ancona, Italy, and is classified as the Wider 165 model. This yacht for sale boasts a unique design that enhances the connection between the owner, guests, and the water, while also expanding exploration possibilities.

As a tri-deck displacement motor yacht, Stern was honored with the prestigious title at the 2019 World Superyacht Awards, celebrated for its groundbreaking diesel-electric technology and modern hybrid azipod system. This innovative setup allows for remarkably quiet operation, including a zero emissions mode (ZEM) that enables serene cruising at five knots, powered by a battery bank of 91 cells. Stern is built to RINA Green Plus Platinum Class standards, ensuring eco-friendly luxury.

Equipped with four marine diesel generators linked to alternators and electric motors, the yacht's power management system, combined with cutting-edge battery technology, efficiently supports both hotel loads and propulsion through two azipod drives, offering both diesel and electric options.

This modern propulsion solution has revolutionized the engine room layout, allowing designers to maximize hull space for enhanced guest comfort and utility. Accommodating up to 10 guests in five opulent suites, Stern redefines luxury on the water.

The main deck features expansive floor-to-ceiling windows that flood the lounges with natural light, creating inviting living spaces. One of the yacht's standout features is the owner's apartment, which spans the full beam of the vessel and includes two private balconies with breathtaking sea views.

On the main deck, guests can enjoy a gym and sauna, while the upper deck features a Sky Lounge and a dining area with sliding doors that, when opened, create a seamless transition to an outdoor dining experience.

The lower deck houses four generously sized guest cabins, each with en-suite bathrooms; two are double VIP cabins, and two are twin cabins.

For the crew, a spacious captain's cabin is located on the upper deck near the wheelhouse, complemented by four twin cabins on the lower deck. These crew quarters are strategically positioned along a central corridor that connects to the engine room, enhancing operational efficiency without intruding on guest areas.

The yacht's exterior and interior spaces have been thoughtfully designed to offer an impressive array of lifestyle features and amenities for a vessel of this caliber. Highlights include a walk-around beach club, a saltwater pool, a touch-and-go helipad, an aft garage, and two luxurious Jacuzzis. This is an exceptional opportunity for those looking to buy a yacht in the current boat location, with yacht sales in the area showcasing the finest in luxury yachting.

SPECIFICATIONS

Basic Information

Category:
Motor yachts

Year Built:
2019

Model Year:
2019

Country:
Turkey

Dimensions

LOA:
162' 0" (49.56 m)

Max Draft:
7' 7" (2.30 m)

Beam:
27' 0" (8.45 m)

Speed, Capacities and Weight

Cruise Speed:
13 Knots (14.96 MPH)

Water Capacity:
3434.24 Gallons

Max Speed:
14.10 Knots (16.23 MPH)

Fuel Capacity:
15057.81 Gallons

Gross Tonnage:
499 Pounds

Accommodations

Sleeps:

5

Crew Berths:

6

Total Heads:

6

Hull and Deck Information

Hull Material:

Aluminum Yachts

Hull Designer:

Wider s.r.l

Deck Material:

Aluminum

Interior Designer:

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Hull Configuration:

Displacement w Bulbous Bow

Engine Information

Engines:

4

Engine Type:

Inboard

Manufacturer:

MAN

Fuel Type:

Diesel/Electric

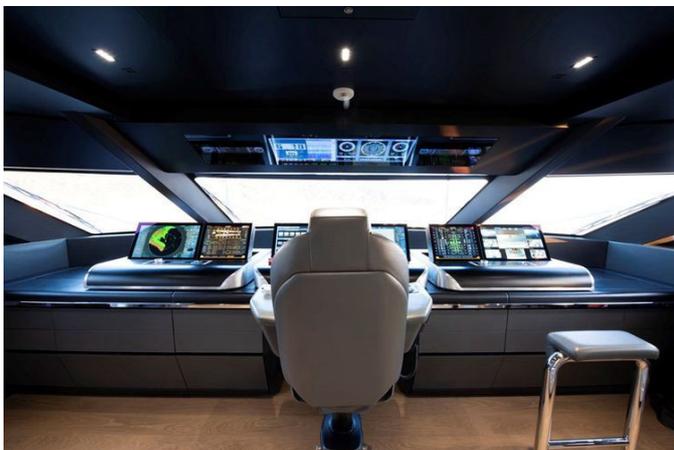
GALLERY

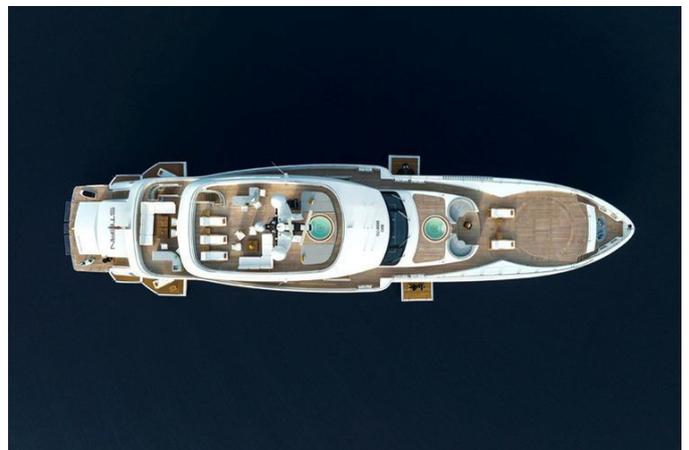


















DETAILED DESCRIPTION

Technical Specification

This yacht is a marvel of modern engineering, boasting a Diesel Electric Hybrid propulsion system that allows it to operate entirely on batteries in Zero Emission Mode (ZEM). This feature ensures silent cruising at 5 knots, providing an extremely quiet operation. Built to the prestigious RINA Green Plus Platinum Classification standards, this vessel is not only environmentally friendly but also luxurious. It features one of the largest beach clubs for a yacht of its size, enhancing the owner's contact with the water while significantly increasing interior volumes, thanks to its aluminium construction. The yacht's full-beam master cabin offers superior comfort, and it has an impressive range of 5,400 nautical miles at 10 knots. It was a winner at the World Superyacht Awards in 2019 for the best displacement motor yacht below 500GT (48m and above). The tender garage ingeniously converts into a saltwater pool adjacent to the beach club, adding to the vessel's allure. With four decks—lower, main, bridge, and sun decks—the yacht is designed for both luxury and functionality. Its aluminium hull and superstructure, along with a displacement round bilge and bulbous bow, ensure a smooth and stable ride. The yacht also features a helicopter landing 'touch & go' facility and can accommodate a 7.5m tender. The forward garage houses a rescue tender of 4.75m and has space for a wave-runner and two jet skis. A sauna fitted on the main deck (STARPOOL) and master suite balconies on the main deck (port and starboard) add to the luxury.

Accommodation includes an owner's suite with an ensuite, office, and balconies, along with four guest suites that can accommodate eight guests (two VIP doubles and two twins). Crew accommodation is available for 11 members. The principal particulars of the yacht include a length overall (LOA)

of 49.56m, a length waterline (LWL) of 47.46m, a beam of 8.45m, a draft of 2.30m, a full-loaded displacement of 420T, and a gross tonnage of 499T. Built to RINA certification compliance, the yacht is classified for unrestricted navigation and features a range of technical specifications for speeds, construction, tank capacities, propulsion system, battery configuration, stabilisation, electrical systems, and more.

The yacht's construction features an aluminium hull and superstructure with teak decks. It has a fuel capacity of 57,000 litres, a water capacity of 13,000 litres, a grey tank of 4,700 litres, a black tank of 3,500 litres, and a ballast water capacity of 7,700 litres. The propulsion system is powered by Diesel Electric propulsion, with control implemented by the Wider Management System (WMS). Electrical power is generated by four variable speed generators and distributed through a main DC variable voltage switchboard. The generators are driven by four diesel engines (MAN D287LE443), and the propulsion motors have a redundancy system with two master drives. The yacht is equipped with two rudder propeller pods VZ450 CR (VETH) that are 360-degree rotatable, and a bow thruster of 98KW.

The battery configuration includes 91 batteries (EST Technologies) with four battery management systems, offering a nominal capacity of 955.5Kwh and a voltage of 630/730 DC. In battery mode (Zero Emission Mode ZEM), the yacht can travel underway at 5 knots for 32 nautical miles (6.4 hours) and in anchor mode for 14 hours. Stabilisation is provided by NAIAD fins connected to electric motors, optimised for cruising speed when underway and roll dampening when at anchor.

The electrical system includes an AC system of 400V 50Hz 3 phase, propulsion generators of 400V, AC 3 phase (75kW each), electrical motors of 400V AC, 3 phase, and a DC electrical system of 24 VDC. The yacht is equipped with a grounding and bonding system, switchboard in the electrical room, AC distribution sub-panels, full LED lighting systems, and emergency lighting in

public and critical areas. Shore power connections are available with 50/60Hz voltage options.

The yacht's systems include a monitoring alarm system, fire and gas system, underwater lights, and a telephone network system. Communications are facilitated by VHF, SSB, and SAT. COM. systems. Safety systems include EPIRB, radar reflector, meteo receiver system, portable RTX VHF system, AIS, SSAS system, BNWAS system, and a ship's horn. Navigation equipment includes a visualizing system, radar system, sounder-log system, and RX GPS system.

The ship's equipment includes safety features such as a fixed firefighting system (Polytechno Aerosol) in the engine room and electrical room, water-mist 'Ultrafog' in all accommodation spaces, and an Ultrafog system in the galley. Nautical equipment includes a barometer, clock, inclinometers, training manual, compass deviation card, binoculars, navigation tool kit, navigational lights, registration flags, international code flags, navigation day shape signals, posters and signs for survival craft and equipment operations, hand bearing compass, and an Aldis lamp.

Deck equipment includes two windlasses (Muir 5.5KW 400V 3P) and two capstans (Muir 4.0kW 400V 3P). Anchoring is facilitated by two galvanized 220kg anchors (HHP type) and chains with six lengths of 27.5m. Mooring bollards are strategically placed on the foredeck, aft deck, and midships, with retractable aluminium bollards on the aft edge of the swim platform. Fairleads are located on the foredeck, aft deck, and amidships. The gangway and side boarding ladder are integrated and retractable, with a rescue gantry stored in the forward garage.

Tenders and water toys include a 7.5m Beach lander (X Craft). Accommodation features a galley with Miele appliances, a pantry with a coffee machine, wine cellar, fridge-freezer combi, and ice maker, a laundry with Miele washing machines and dryers, and a crew mess with a fridge-freezer, microwave oven, dishwasher, coffee machine, sink, and garbage cooled storage. The cold room

offers a 2m3 refrigeration room split between fridge and freezer, and a stainless steel dumbwaiter links the pantry to the upper deck saloon.

The main saloon furniture includes a dining table and chairs, small coffee table, coffee table, two-person sofa, and a model of the boat. The owner's gym is equipped with Kinesis Technogym, Cyclette Technogym, a sofa bed, and a massage table. The owner's study features a deck chair, mini desk, chairs, and a coffee table. The sky lounge offers an L-shaped five-person sofa, piano and piano stool, coffee table, game table, chairs, and Dior poofs. External loose furniture includes chaise lounges, coffee tables, chairs, and a console.

The main deck aft cockpit features chairs, a structural sofa, and a dining table. The upper deck cockpit includes a dining table, chairs, L-shaped sofa, sofas, bar stools, armchairs, and coffee tables. The forward coach roof offers chairs, coffee tables, chaise lounges, and a console. The sundeck is furnished with chaise lounges, a coffee table, armchairs, bar stools, an L-shaped sofa, and sofas.

Entertainment equipment on the sundeck includes JL Audio speakers, subwoofers, a mini iPad, a Power soft amplifier, and a DJ plug. The cockpit upper deck features ASK external waterproof speakers and slave audio from the upper deck saloon. The upper deck fore deck includes JL Audio speakers, subwoofers, a mini iPad, and a DJ plug. The cockpit main deck is equipped with SONANCE VP 65 XT Audio speakers, a JL Audio subwoofer, a custom button wall command, and slave audio from the main deck saloon. The beach club features SONANCE VP 65 XT Audio speakers, JL Audio subwoofers, a mini iPad with a lifeproof cover, and an airplay audio device source.

The saloon upper deck includes SONANCE LCR1 in-wall speakers, a SUNFIRE HRS-8 active subwoofer, a TV Led 72", a mini iPad, a dock station, and an HDMI plug. The saloon and dining area on the main deck feature SONANCE LCR1 in-wall speakers with a surround system, SUNFIRE HRS-8 active subwoofers, a TV Led 65" ceiling mounted retractable and 180° rotatable, a TV Led 72", an

apple TV with airplay, a mini iPad, a dock station, an HDMI plug, and a kit for video-conferencing.

The owner's cabin is equipped with SONANCE LCR 2 in-wall speakers, a SUNFIRE HRS-8 active subwoofer, a TV Led 55", a mini iPad, a dock station, an apple TV with airplay, and an HDMI plug. The owner's bath features SONANCE VP 65 XT ceiling speakers. The owner's study includes SONANCE VP 48 speakers, a TV Led 40", a mini iPad, a dock station, an apple TV with airplay (shared with the owner cabin), an HDMI plug, a LAN plug, and a kit for video-conferencing.

The gym is equipped with SONANCE VP 48 speakers, a TV Led 40", a mini iPad, a dock station, an apple TV with airplay, and an HDMI plug. The two VIP cabins feature SONANCE VP 48 ceiling speakers, a TV Led 40", a mini iPad, a dock station, an apple TV with airplay, and an HDMI plug. The two guest cabins include SONANCE VP 48 ceiling speakers, a TV Led 32", a mini iPad, a dock magnetic, a TV Led 32", an apple TV with airplay, and an HDMI plug.

The captain's cabin is equipped with YAMAHA NS IC400 ceiling speakers, a TV Led 32", an apple TV with airplay, a mini iPad, and a dock station. The wheelhouse features YAMAHA NS IC400 ceiling speakers, an airplay audio device source, a mini iPad, LAN plugs, and a dock station. The galley includes YAMAHA NS IC400 ceiling speakers and an airplay audio device source with volume control. The crew mess is equipped with YAMAHA NS IC400 ceiling speakers, a mini iPad, a dock station, a TV Led 32", an apple TV with airplay, and a LAN plug. The five crew cabins feature YAMAHA NS IC400 ceiling speakers and an airplay audio device source.

The CCTV system includes a Panasonic HD network recorder, fixed dome external cameras on the main deck cockpit, mast, and main deck passageways, and fixed dome internal cameras in the electrical room, engine room, forward garage, and beach club. The engine room is equipped with a workbench, LED light with extendible cable, stainless steel sink, toolbox with tools, RAL 9010

painted aluminium sandwich panels, aluminium plates non-skid flooring, and AC neon lighting.

The yacht underwent refit and upgrades during the periods of 2021/2022 and 2020/2021. General upgrades included LSA & FFA annual servicing, annual class and flag inspections, Ultra-Fog annual service, life raft servicing, lifejacket servicing, immersion suit compliance checks, portable fire-extinguisher servicing, and painting of bilges and engine room. Exterior upgrades included replacing flexi teak with real teak wood on the helideck and foredeck, repainting portions of the hull, replacing the orange beauty line, repainting sat domes, transom door, and upper deck salon aft port side, repairing hull corrosion, reapplying antifouling, cleaning and polishing anchor pockets and stem plate, painting anchor chain shackles, servicing and repainting helideck hatches, repairing LED light strip, repairing main deck aft hatch locking system, cleaning and painting deck storage lockers, replacing sealant and rubber contour, addressing corrosion issues, replacing teak steps and margin boards, securing and realigning ceiling panels, installing a 5G modem and antennas, replacing glass sundeck parapet panel, replacing hull windows sealant, and replacing teak border sealant.

Engineering upgrades included repositioning and adding lithium power modules, heavy-duty cable runs, connections and programming for the zero emissions system, balancing frequency converters, servicing command controls, inspecting cooling systems, cleaning MAN engines intercoolers, deep cleaning ventilation systems, cleaning galley and laundry exhaust networks, cleaning and disinfecting AHUs, fan coils, and ventilation exhaust networks, checking DGs MAN service for leakages, inspecting batteries, removing and reinstalling sea water pumps, servicing sea water pumps, changing PS/Stb POD oil and filter, sending hydraulic oil samples for analysis, upgrading AC with an additional fan coil, cleaning charge air pipes and heat exchangers, changing noisy fan of fancoil, cleaning and degreasing engine room bilge, installing new flooring and shelves in ER, replacing damaged AFT sea-chest filter, replacing

chiller unit pump, calibrating tank level sensors, checking and replacing drives and components, optimizing ventilation air flow, increasing cabinet protection, changing gaskets, recovering and cleaning drivers, installing temperature monitoring probes, checking DC bus insulation, improving cabinet insulation, controlling transformer temperature, checking fuses and busbars, verifying and calibrating fan coil flows, conducting temperature measurements, servicing Hamann, repainting engine room, servicing water maker plant, and reprogramming starboard stabiliser.

Interior upgrades included polishing master bath marble, constructing head ceilings in the master suite, aligning ceiling panels, reducing fan coil noise, and replacing crew mess seat covering. IT/AV/COMMS upgrades included installing 5G network receivers, servicing bridge monitors, repairing the gyro compass, and repairing the anemometer. Tenders and toys upgrades included acquiring a new R720 X-craft tender. Garage and tender bay upgrades included adjusting and repainting ceiling panels, addressing hydraulic oil leakage, changing tender bay transom door frame locking pins, resolving hydraulic fluid leakage, changing seals/gaskets, and repairing paint blisters.

During the 2020/2021 period, the aft tender bay/beach club underwent upgrades such as dismantling the submarine launch crane, reconstructing the beach club ceiling, converting the submarine docking area into a battery room, repainting the tender bay/pool, and fabricating cradles for the X-craft tender. Interior upgrades included extensive refits of the main deck salon, master suite, upper deck salon, and guest lobby & stairwell. Exterior upgrades included a new deck layout and summit furniture on all decks, antifoul application, and exterior paint touch-ups. Engineering upgrades included repositioning generator exhaust boxes and raising exit through hull sides.

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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