

PROJECT NOVA HYBRID — HEESEN YACHTS



Builder: [HEESEN YACHTS](#)

Year Built: 2019

Model: Motor Yacht

Price: PRICE ON APPLICATION

Location: Netherlands

LOA: 164' 1" (50.00m)

Beam: 29' 11" (9.10m)

Min Draft: 7' 1" (2.15m)

Max Draft: 7' 1" (2.15m)

Cruise Speed: 12 Kts. (14 MPH)

Max Speed: 16 Kts. (18 MPH)

Our experienced yacht broker, Andrey Shestakov, will help you choose and buy a yacht that best suits your needs **Project NOVA hybrid — HEESEN YACHTS** from **our catalogue**. Presently, at **Shestakov Yacht Sales Inc.**, we have a wide variety of yachts available on **our sale's list**. We also work in close contact with all the big **yacht manufacturers** from all over the world.

If you would like to buy a yacht **Project NOVA hybrid — HEESEN YACHTS** or would like help answering any questions concerning purchasing, selling or chartering a yacht, please call **+1(954)274-4435**

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SPECIFICATIONS

Overview

The exterior of Nova is designed by Omega Architects and it's our second yacht with hybrid propulsion. In this case 'Hybrid' means that the yacht can draw on two sources of power for propulsion: diesel mechanical and diesel electrical. Either or both sources can be used at the same time. This provides less noise and vibration, a more flexible power management which means better efficiency. Nova has a transatlantic range of 3,750 nautical miles at a cruising speed of 12 knots. Her top speed of 16.3 knots is remarkable for a displacement yacht of her size. The hybrid propulsion operates near-silent in electric mode. Moreover, Nova achieves lower fuel consumption and a higher top speed when the diesel engines and electric motors are combined

Basic Information

Category: Motor Yacht

Model Year: 2019

Year Built: 2019

Country: Netherlands

Fly Bridge: Yes

Dimensions

LOA: 164' 1" (50.00m)

Beam: 29' 11" (9.10m)

Min Draft: 7' 1" (2.15m)

Max Draft: 7' 1" (2.15m)

MFG Length: 164' 1" (50.00m)

Speed, Capacities and Weight

Cruise Speed: 12 Kts. (14 MPH)

Cruise Speed Range: 3750

Max Speed: 16 Kts. (18 MPH)

Displacement: 694456.1253 Pounds

Gross Tonnage: 499 Pounds

Water Capacity: 4226.752832 Gallons

Fuel Capacity: 11887.74234 Gallons

Accommodations

Total Cabins: 6

Total Berths: 10

Sleeps: 12

Total Heads: 9

Captain Cabin: True

Crew Cabin: 5

Crew Berths: 9

Crew Sleeps: 9

Crew Heads: 6

Hull and Deck Information

Hull Material: Aluminum

Deck Material: Teak

Hull Color: White

Hull Designer: Van Oossanen / Heesen Yachts

Exterior Designer: Omega Architects

Interior Designer: Sinot Yacht Design

Engine Information

Engines: 2

Manufacturer: MTU

Model: 12V 2000 M61

Engine Type: Inboard

Fuel Type: Diesel

DETAILED INFORMATION

HYBRID ENGINE SYSTEM

With our ever-increasing desire to minimise environmental impact, coupled with the enormous improvement in alternative power systems, Nova's hybrid engine system embraces the very best of 21st century technology. The hybrid system offers irresistible advantages over a conventional diesel-powered system: it's cleaner, quieter and more fuel efficient. The engine can be operated in four different cruising modes depending on your priorities: **Hybrid Mode** So you want to go places, but you're not in too much of a hurry. Hybrid Mode will drive the yacht at speeds up to 9 knots, when the power is derived purely from Nova's e-motors and the generators. With just a maximum of 46 dB(A) - the sound of softly falling rain - in the Owner's stateroom, Hybrid Mode is beautifully silent and engine vibration is imperceptible because the generators are insulated and boxed. What's more, fuel consumption is extremely low, running at no more than 70 litres per hour. **Economic Mode** If you want to go a little faster, say between 9 and 12 knots, you have the option to switch off the generators and run off the main engines alone with the e-motors supplying the hotel load. **Cruising Mode** This is what you'd describe as the most conventional mode, when the main engines are driving Nova's propellers along with the generators providing power to the Hotel Load, and the e-motor is switched off. In Cruising Mode, Nova is capable of speeds between 12 to 15 knots. **Boost Mode** If you're really in a hurry and want to hit the yacht's top speed of 16.3 knots, Boost Mode will get you there. This is when you're running on your main engines, the generators, and you're feeding the e-motor on the gear box. Sounds complicated? Well, the technology is complex, yes. But operation is simplicity itself. And the benefits - particularly when you've experienced the smooth and silent operation at lower speeds - are fantastic. For you and the environment.

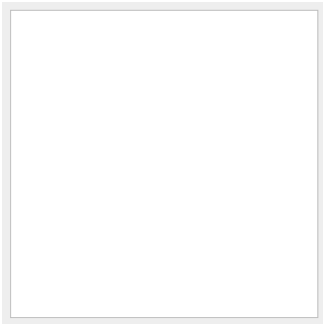
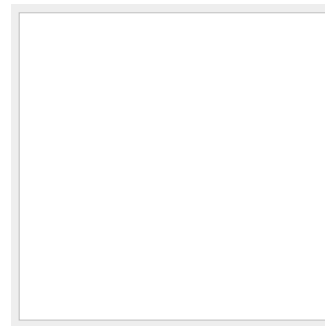
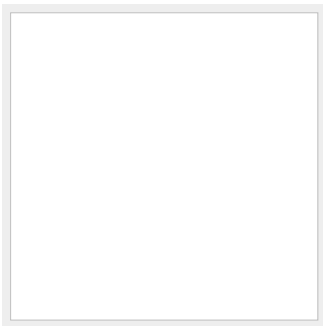
Exclusions

Owner's personal belongings.

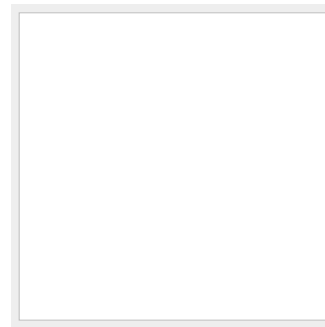
Disclaimer

The Company offers the details of this vessel or yacht in good faith but cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. A buyer should instruct his representatives, agents, or his surveyors, to investigate such details as the buyer desires validated. This vessel or yacht is offered subject to prior sale, price change, or withdrawal without notice.

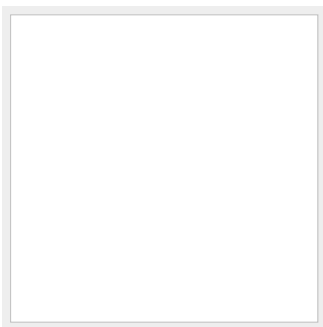
PHOTOS



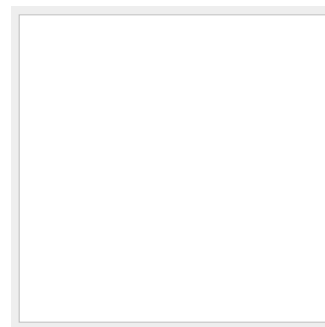
Sky lounge



Main saloon



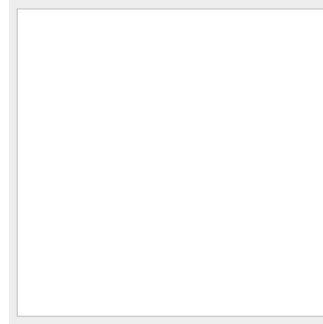
Main saloon



Owner's stateroom



Owner's bathroom



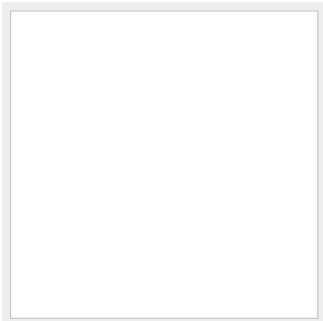
Full beam guest suite



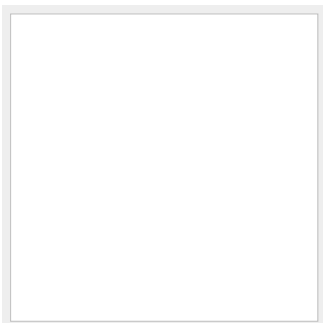
Guest's bathroom



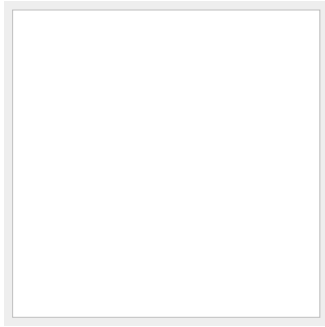
Gym



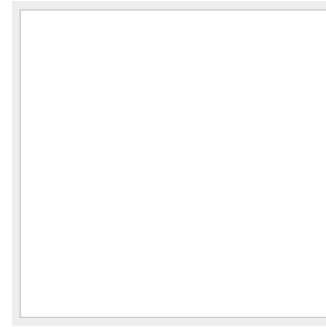
Sauna



Choose your mode: Hybrid mode and Economic mode



Choose your mode: Cruising mode and Boost mode



CONTACTS

Andrey Shestakov, leading yacht broker of the sales department of Shestakov Yacht Sales Inc. Shestakov Yacht Sales Inc., the official representative of the Miami/Fort Lauderdale FL headquarters.

Contact details

Email: **andrey@shestakovyachtsales.com**

Web: shestakovyachtsales.com/en/

Telephones

USA: **+1(954)274-4435**

Office hours

Monday – Saturday: **9:00 - 21:00** EDT

Sunday: **closed**

Address



Harbour Towne Marina, 850 NE 3rd St, STE 213, Dania, FL 33004