

DISPLACEMENT EXPLORER – FIFTH OCEAN SHIPYARD



Builder:

FIFTH OCEAN SHIPYARD

Model:

Displacement Explorer

LOA:

79' 0" (24.08 m)

Min Draft:

22' 8" (6.90 m)

Beam:

21' 0" (6.60 m)

Max Draft:

26' 11" (8.20 m)

Cruise Speed:

9.5 kn / 10.93 mph

Max Speed:

12.1 kn / 13.92 mph

Gross Tonnage:

174 Pounds

Water Capacity:

1400 Gallons

Fuel Capacity:

4491 Gallons

Sleeps:

8

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OVERVIEW

Represented by Andrey Shestakov and Shestakov Yacht Sales, the Displacement Explorer from FIFTH OCEAN SHIPYARD is a motor yacht rooted in the trawler tradition, executed on a reliable steel yacht hull form.

Selecting a Displacement Explorer

Selecting the Displacement Explorer is a logical choice for those who prioritize the comfortable seakeeping and utilitarian nature of a trawler while wanting the internal volume of a 174 GT platform delivered as a solid motor yacht. At 79 ft (24.08 m) LOA with a 21 ft (6.6 m) beam, the Displacement Explorer offers substantial living areas, accommodation for up to 8 guests with 6 heads, and dedicated crew quarters for 4 across 2 cabins. Propulsion comes from twin Caterpillar inboard diesels yielding a cruising speed of 9.5 kn (10.93 mph) and a top speed of 12.1 kn (13.92 mph). Large tankage—4,491 gallons of fuel and 1,400 gallons of fresh water—supports lengthy passages and extended stays aboard.

Features of the Model

- Category and style: a motor yacht designed in the practical trawler vein
- Construction: steel yacht hull paired with a Steel deck
- Naval architecture by Azure Naval Architects; interior design by Guido de Groot
- Dimensions and volume optimized for comfort: 79 ft LOA, 21 ft beam, 174 GT
- Twin Caterpillar inboard diesel propulsion engineered for reliable passagemaking
- Practical accommodation layout: sleeps 8 with 6 heads, plus 2 crew cabins providing 4 berths

- Tankage and capacities sized for extended cruising: 4,491 gal fuel; 1,400 gal fresh water

Technical Specifications

- Builder: FIFTH OCEAN SHIPYARD
- Model: Displacement Explorer
- Type: motor yacht
- Subcategory: trawler
- Hull category/material: steel yachts; Deck: Steel
- Length overall (LOA): 79 ft (24.08 m)
- Beam: 21 ft (6.6 m)
- Draft (min/max): 22.638 ft (6.9 m) / 26.903 ft (8.2 m)
- Gross tonnage: 174 GT
- Engines: 2 x Caterpillar, Inboard, Diesel
- Speed (cruise/max): 9.5 kn (10.93 mph) / 12.1 kn (13.92 mph)
- Fuel capacity: 4,491 gal
- Fresh water capacity: 1,400 gal
- Accommodation: Sleeps 8; Heads: 6
- Crew: 2 cabins / 4 beds
- Hull designer: Azure Naval Architects
- Interior designer: Guido de Groot

Pricing and Ordering

To obtain up to date pricing, availability, and purchasing guidance for the Displacement Explorer by FIFTH OCEAN SHIPYARD, please reach out to Andrey Shestakov at Shestakov Yacht Sales. Our brokerage team will assist with specification review, coordinate surveys and sea trials, and manage the logistics necessary to bring a transaction to close in line with your objectives.

Questions and Answers

Q: Which class of vessel is the Displacement Explorer? A: This model is a motor yacht crafted in the trawler mold and built on a sturdy steel yacht hull, intended for efficient and comfortable long distance passagemaking.

Q: Who are the designers and the builder of the Displacement Explorer? A: The vessel is produced by FIFTH OCEAN SHIPYARD with naval architecture by Azure Naval Architects and an interior scheme by Guido de Groot, combining established engineering with refined interior appointments.

Q: What are the principal dimensions and volume figures? A: The Displacement Explorer has an overall length of 79 ft (24.08 m), a 21 ft (6.6 m) beam, drafts ranging from 22.638–26.903 ft (6.9–8.2 m), and a gross tonnage of 174 GT, delivering significant interior volume.

Q: What propulsion and performance numbers are typical? A: Twin Caterpillar inboard diesels are specified, with a cruising speed of 9.5 kn (10.93 mph) and a maximum speed near 12.1 kn (13.92 mph), consistent with the vessel's trawler orientation.

Q: How many people can be accommodated and what are the tank capacities? A: The Displacement Explorer accommodates up to 8 guests with 6 heads; crew quarters consist of 2 cabins for 4 crew. Tankage includes 4,491 gallons of fuel and 1,400 gallons of fresh water to support extended cruising.

Owner Experience Review

As a long range platform favored by owner-operators, the Displacement Explorer from FIFTH OCEAN SHIPYARD is frequently described in broker literature as a seakindly, steady passagemaker. Broker listings typically reference an economical displacement cruise around 7–8 knots with estimated

ranges from about 3,200–4,100 nm, and they note a conservative top speed in the 11–11.5 knot band that emphasizes fuel economy over high speed. The full displacement steel hull, featuring a bulbous bow and a broad beam (roughly 6.6–6.7 m), is credited with solid offshore motion and, when equipped with Naiad zero speed stabilizers, improved comfort at anchor.

Owners and brokers alike highlight on board practicality and interior volume suited for multigenerational cruising: a four cabin, four head arrangement including a full beam master, dedicated crew quarters and a wheelhouse deck captain's station, plus sensible exterior living spaces such as aft dining, an upper deck barbecue, and a foredeck jacuzzi. The vessel's layout is generally promoted as well suited for owner operation with occasional professional crew support, accommodating 7–8 guests across several alfresco zones and a swim platform for waterside activities. Owners should expect routine maintenance associated with a steel hull—periodic yard visits for coatings and corrosion control—and standard service intervals for the twin Caterpillar C7 engines; public long term owner feedback is limited, with most available commentary coming from broker specifications and press sources.

Pros and Cons

- Long-range efficiency at 7–8 knots with brokers quoting roughly 3,200–4,100 nm of range.
- Seakindly full displacement steel hull with a bulbous bow and assured stability at anchor when fitted with Naiad zero speed stabilizers.
- Generous four cabin accommodation plus crew quarters, substantial volume for a 24 m platform, and multiple alfresco living areas with a swim platform.
- Ownership requires periodic yard time for steel hull coatings and corrosion management.
- Modest maximum speed around 11–11.5 knots, prioritizing economy and range rather than high speed.

- Limited public long term owner reports, with most information sourced from broker listings and press material.

Comparison with Other Models

Model	LOA	Beam	Draft	Speed (Cruising/Max)	Gross Tonnage
24m Long Range Explorer	79' 0" (24.08 m)	22' 0" (6.71 m)	19' 8" (6 m) – 22' 12" (7 m)	7.5 kn / 11.5 kn	140
Displacement Explorer	79' 0" (24.08 m)	21' 0" (6.60 m)	22' 8" (6.90 m) – 26' 11" (8.20 m)	9.5 kn / 12.1 kn	174

SPECIFICATIONS

LOA:

79' 0" (24.08 m)

Beam:

21' 0" (6.60 m)

Cruise Speed:

9.5 kn / 10.93 mph

Gross Tonnage:

174 Pounds

Fuel Capacity:

4491 Gallons

Sleeps:

8

Crew Cabin:

2

Hull Material:

Steel Yachts

Hull Designer:

Azure Naval Architects

Engines:

2

Engine Type:

Inboard

Min Draft:

22' 8" (6.90 m)

Max Draft:

26' 11" (8.20 m)

Max Speed:

12.1 kn / 13.92 mph

Water Capacity:

1400 Gallons

Total Heads:

6

Crew Berths:

4

Deck Material:

Steel

Interior Designer:

Guido de Groot

Manufacturer:

Caterpillar

Fuel Type:

Diesel

GALLERY











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.

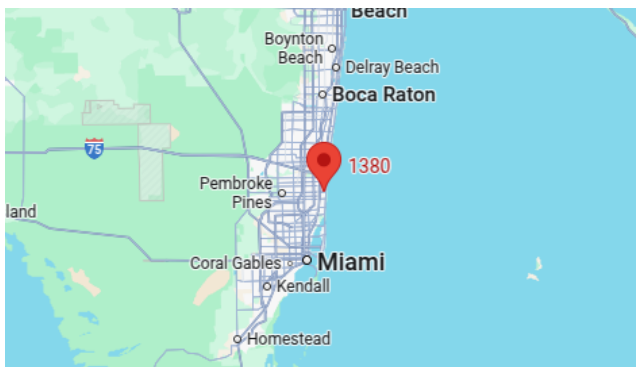
For more information and to view available yachts, you can visit the company's official website: <https://shestakovyachtsales.com>

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