



**D Y N A M I Q**

GLOBAL SERIES

***G 450***

## REFINED RELAXATION

The Global 450 is created for world cruising and for those who spend most of their time on deck and love the connection with the sea. The G450 introduces several innovative features for her overall length of 45.5 metres and 475 gross tons. She has several innovative features, including an enormous beach club area aft with fold-down bulwarks, large pool, terraced steps leading down to the swim platform and semi-enclosed 'winter garden' on the main deck for al fresco dining. Another highlight is master stateroom on the main deck forward that has a private office with fixed balcony, so owners can keep in touch with their business affairs wherever they go. Like other Dynamiq models, the sundeck is among the largest in her class with a second pool, bar and the opportunity to add gym equipment for enjoying a workout with spectacular views. With four guest cabins on the lower deck and an oceanic range of 4,000nm, the fast displacement Global 460 offers eye-catching style and deluxe comfort in a relatively compact and efficient package.



*G 450*



*G 450*



# KEY FEATURES

**G 450**



## Round bilge fast displacement hull

Drawn by the famous Dutch naval architects Van Oossanen, the G 450 unique hull features a round-bilge shape for remarkably low resistance and low fuel consumption, while still being capable of high speeds. The design decreases vertical accelerations in the hull, which translates into a far more comfortable motion when sailing. The avant-garde bow shape with a vertical stem maximises the waterline length, enhancing performance even more. To keep spray levels low, an integrated spray rail deflects water hitting the bow area.



## Robust metal construction

Special high tensile steel, which is lighter than carbon steel, together with certified marine-grade 5083 aluminium and even stronger 5383 Sealium are used to build the Dynamiq G 450 hull and superstructure. A lighter hull provides better performance, shallower draft and lower fuel consumption. Another benefit is that metal construction ensures a stiff, robust and vibration-free vessel that is very comfortable and seaworthy in a heavy swell or choppy conditions. G 450 hull guarantees safe operation for more than 25 years.



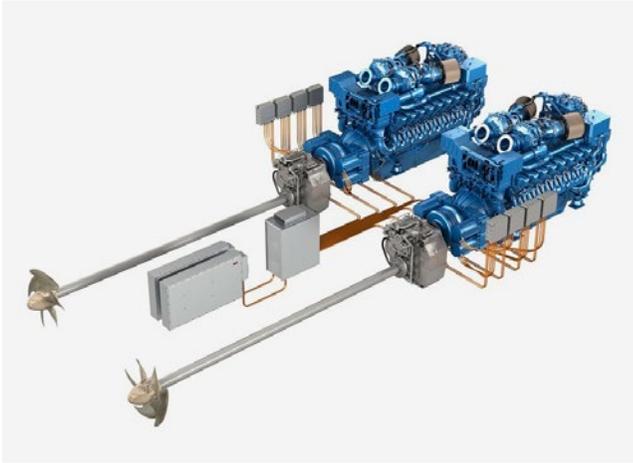
## Curved fin stabilizers by Side Power

Vector Fins stabilisers dramatically reduce roll as well as undesired yaw and sway motions caused by active fins. Their vertical concave shape creates a net force direction, both in cruising and at-anchor modes, so the work is more up-down instead of side-to-side. By changing the net force angle, this also increases the leverage arm around the boat's rolling point, further increasing the physical forces that work on the boat to reduce roll. This provides more efficient stabilisation per fin size, which means that drag and power consumption are a lot less than with other fins offering comparable roll reduction.



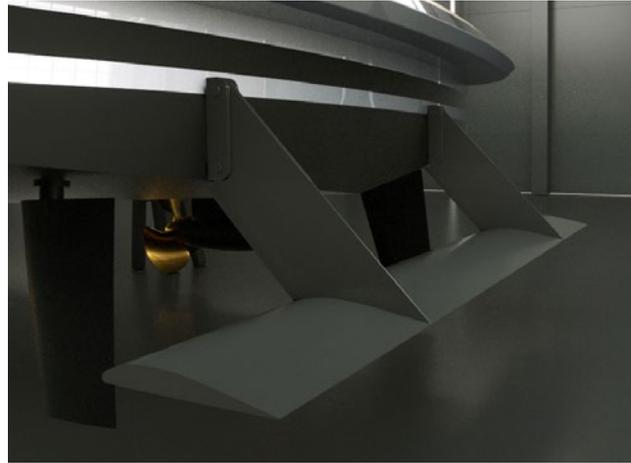
# KEY FEATURES

**G 450**



## Hybrid power plant (option)

With the main engines switched off, the generators power two 100 kW electric motors allowing the yacht to reach 8 knots in complete silence for an unlimited period of time



## Hull Vane®

The Hull Vane® is a patented fixed foil located below the stern of a ship. Developed by renowned Dutch naval architects Van Oossanen it influences the stern wave pattern and creates hydrodynamic lift, which is partially oriented forward. This innovation leads to significant reduction of the hull's resistance, which in turn enables the installation of much smaller engines, fuel savings and longer range. The Hull Vane® also improves stability under way and at anchor, while reducing both pitching and yawing motions.



## XIR glass

The G 450 features next-generation laminated XIR glass that allows maximum light transmission, while keeping solar heat gain at bay. Harmful UV rays are almost completely blocked, and heat transmission reduced by 60%. The result is an interior that offers the wide panoramas of large windows without the penalty of heat build-up. This means significantly reduced air-conditioning loads and therefore lower running costs. The glass manufacturer is Isoclima, an Italian high-tech company that also supplies glass for luxury automobiles such as Bentley, McLaren, Mercedes and BMW.



# KEY FEATURES

**G 450**



Transatlantic range of 4,500 nm  
@ 12 knots



Owner's stateroom with one fixed  
balcony



Beach club with sauna



Interior heights of 2.15 - 2.20 m



High-end audio by  
Bowers & Wilkins



Japanese Teppanyaki on sundeck

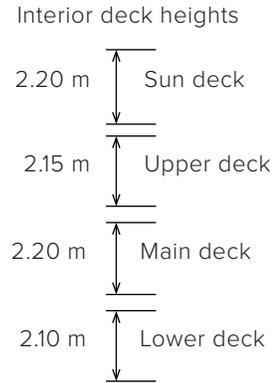


Main or Upper saloon fireplace



# MAIN SPEC

**G 450**



Length overall: 45.5 m / 150'  
 Beam max: 9 m / 29' 6"  
 Draft: 2.5 m / 8'2"  
 Material: High Tensile steel / Aluminium  
 Hull type: Round bilge, fast displacement  
 Tonnage: 475 GT

Max speed: 16 knots  
 Main engines: 2x MAN V12-1650, 1,213 kW

Range: 3,500 nm @ 12 knots

Propulsion: Shafts + 5 blades propellers

Generators: 2x 100 kW, Kohler  
 Stabilizers: 2x Stabilizer fins, Hull Vane®

Fuel: 50,000 l / 13,208 US gallons  
 Fresh water: 16,000 l / 4,226 US gallons

Guests: 10 in 5 cabins  
 Crew: 7 in 4 cabins

Tenders 6.3m / 21' (Williams 625 / Castoldi 21'), Zodiac 380

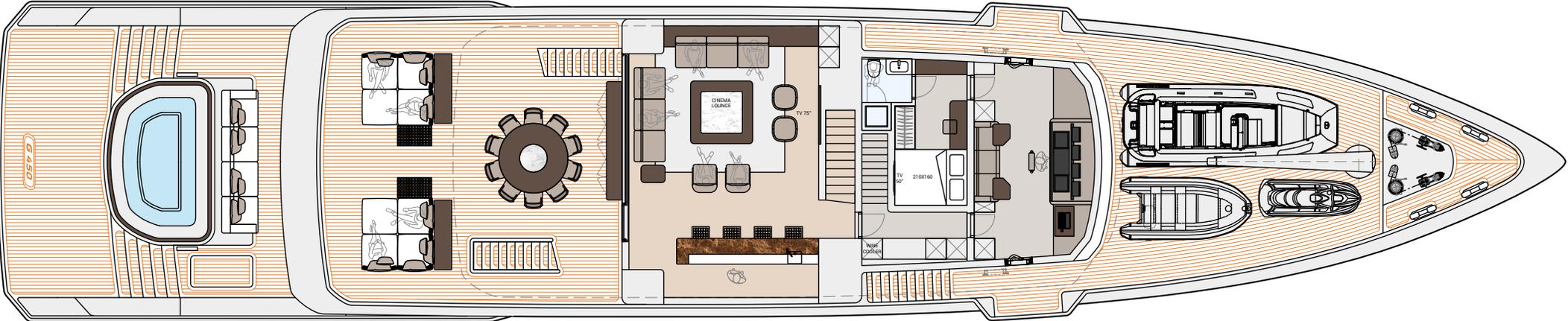
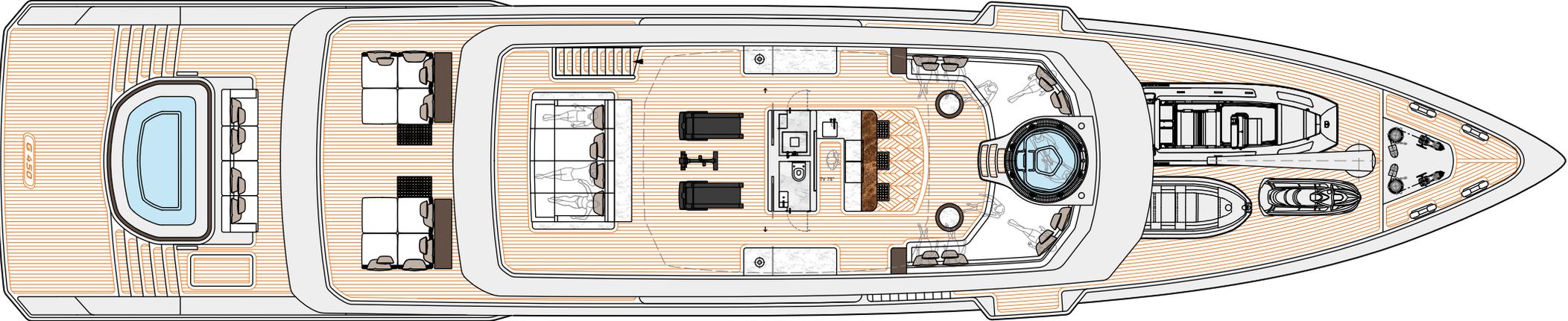
Class: RINA commercial, REG  
 Notation: RINA Comfort Class, RINA Green Star (option)

Naval architecture: Van Oossanen NA  
 Exterior design: Dobroserdov Design  
 Interior design: Dynamiq



# DECK PLANS

G 450

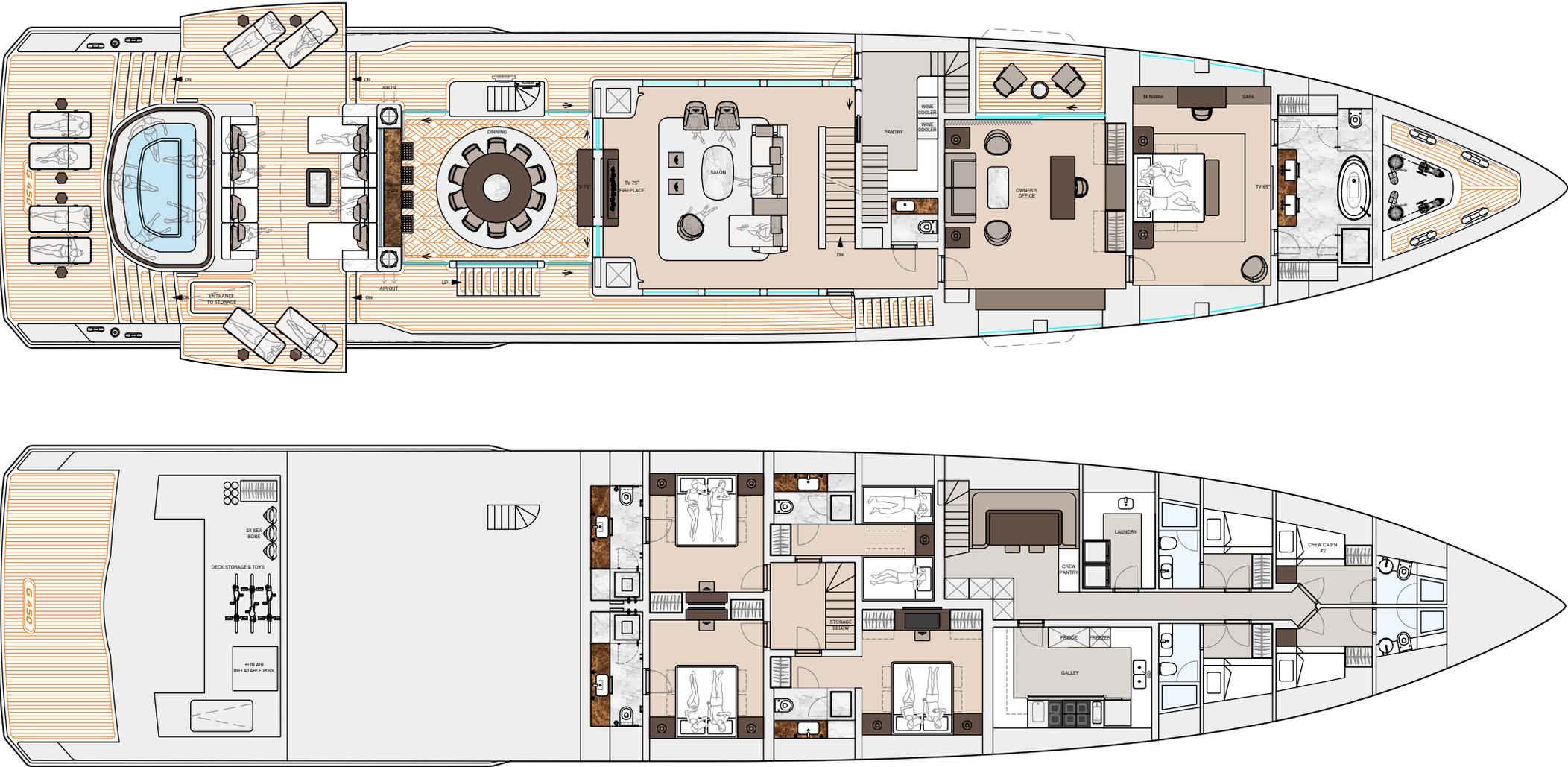


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# DECK PLANS

G 450



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*G 450*



G 450



BENTLEY

HOME



G 450



BENTLEY

HOME



G 450



BENTLEY

HOME



G 450



BENTLEY

HOME



G 450  
SPORTFISHER



BENTLEY

HOME



# PRICE, OPTIONS & PAYMENT TERMS

**G 450**

## BASE PRICE\*:

€ 23,750,000

## OPTIONS:

<input type="checkbox"/> Hybrid propulsion package	€ 725,000
<input type="checkbox"/> Silent package (extra insulation, double glass portholes)	€ 125,000
<input type="checkbox"/> Bentley package (metallic paint, furniture, lights and carpets set)	€ 435,000
<input type="checkbox"/> Bowers & Wilkins high-end package	€ 39,000
<input type="checkbox"/> Heated bathroom floors	€ 17,500
<input type="checkbox"/> Fine marbles in luxury areas	€ 79,000
<input type="checkbox"/> Bed linen, bath and deck towels by Frette	€ 45,000
<input type="checkbox"/> Interior scent diffusion	€ 4,500
<input type="checkbox"/> Crew call buttons	€ 12,000
<input type="checkbox"/> Miele electric BBQ / Teppanyaki on sundeck	€ 9,500
<input type="checkbox"/> 13x Underwater lights	€ 52,500
<input type="checkbox"/> VSAT Intellian V100	€ 49,000
<input type="checkbox"/> "All weather" package for main and upper deck (IR heating)	€ 19,500

## PAYMENT TERMS:

### 1st year

Contract signature	20%
Keel laying	20%

### 2nd year

Main engines at the yard	25%
Interior installation start	20%

### 3rd year

Launch	10%
Delivery	5%

## BUILD TIME:

30 months

\* More options are available at [bedynamiq.com](http://bedynamiq.com)



# THE SHIPYARD

Dynamiq is a private shipyard founded in 2014 and owned by yacht broker and designer Sergei Dobroserdov. His main strategy with Dynamiq was to create a well-organised and owner/broker-friendly facility where clients and their reps can enjoy a creative and transparent construction process.

Dynamiq is the only shipyard in Italy building yachts to North European standards that are 100% created by leading naval architects and structural or mechanical engineering companies in the Netherlands. Dynamiq production is located in the picturesque area of Massa on Italy's Tuscan coast. This modern and high-tech facility is fitted out for building the full range of Dynamiq superyachts up to 50 metres in length with various powertrain options, including hybrid technology. The Dynamiq Yachts production facility offers the highest standards of working environment and quality control.

Come to Dynamiq if you want:

1. Original contemporary design;
2. Top-quality steel & aluminum construction;
3. Complete Dutch engineering with naval architecture by Van Oossanen;
4. Top-class contractors and leading brand partners from interior design to high-end audio-visual;
5. Competitive prices (€ 49,000 / GT vs. € 65,000 / GT in the Netherlands)



*G 450*





# LIVE SMART. BE DYNAMIQ.



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[www.bedynamiq.com](http://www.bedynamiq.com)

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