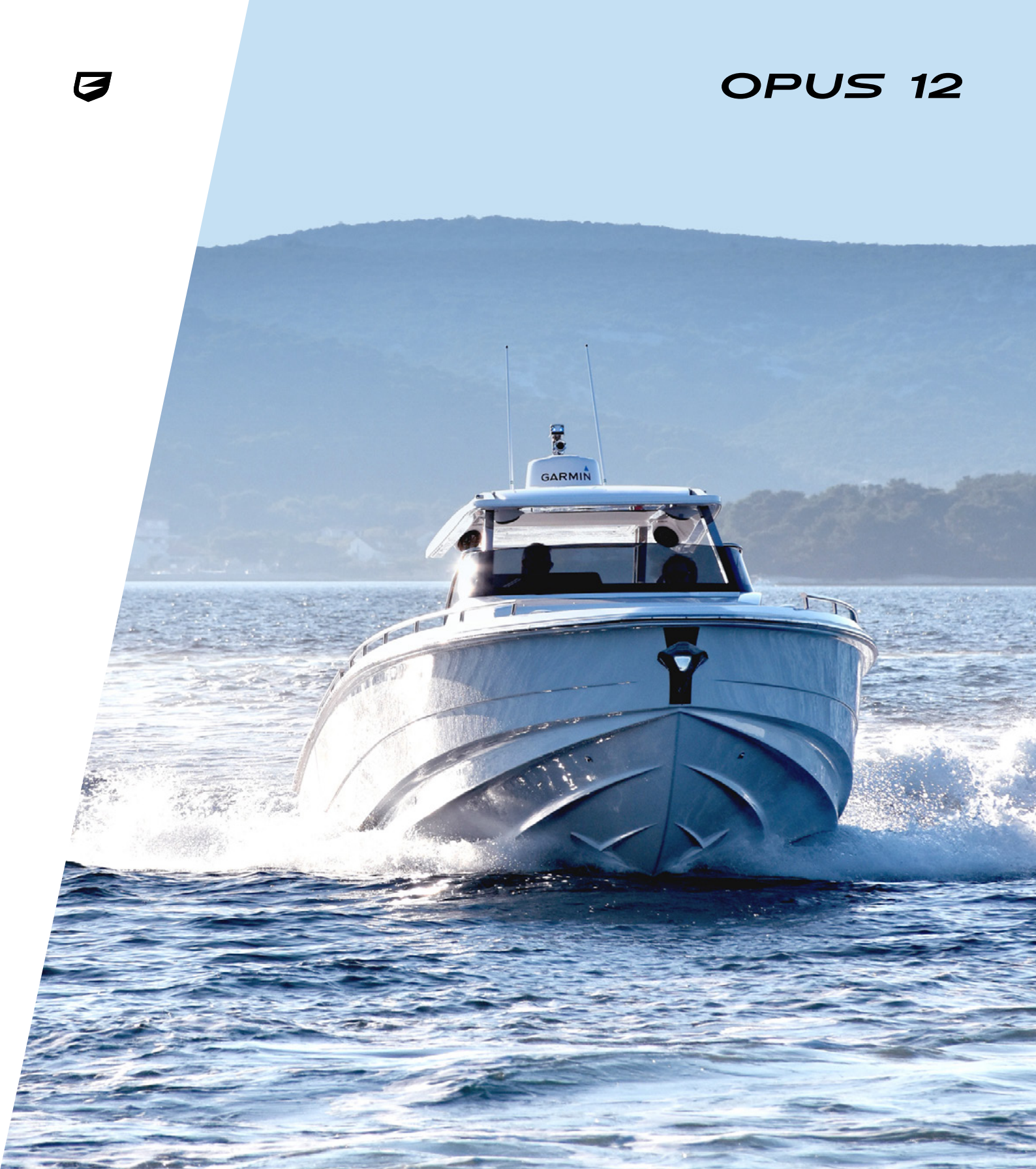




OPUS 12



***Technical
specifications***

opusboats.com



General plans

(the image is to be considered as indicative only)



Front

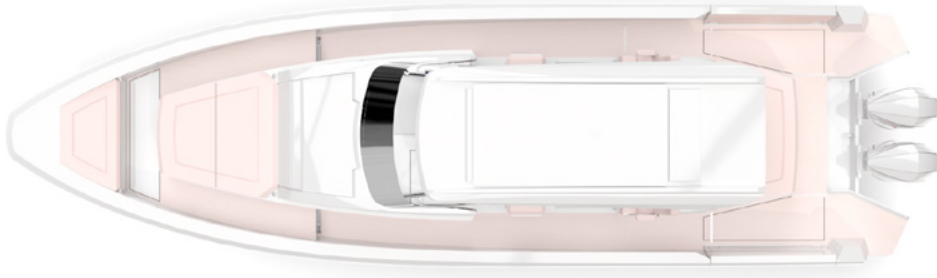


Back

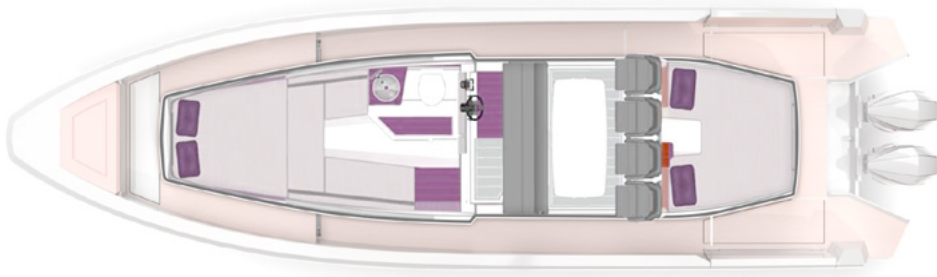




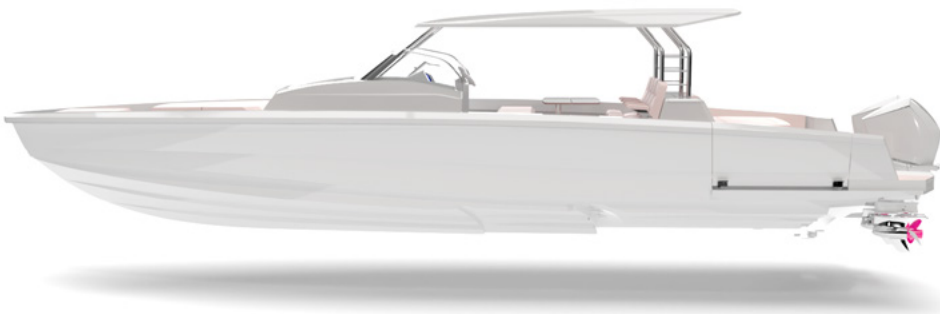
Top



Cabins



Side





Main characteristics

The following tables list the boat's main characteristics.

Dimensions and weights

Maximum length L_{MAX}	12,30 m
Hull length L_H	11,90 m
Maximum beam B_{MAX}	3,50 m
Draught T_C	0,61 m
Draught T_{MAX}	0,75 m
Height H_A (air draft)	3,00 m
Mass in the light craft condition (m_{LC})	5 952 Kg
Maximum load for builder's plate (m_{MBP})	950 Kg
Loaded displacement (m_{LDC})	7 671 Kg

Tank capacity

Petrol tank capacity (total)	800 L
Fresh water tank capacity	150 L
Black water tank capacity	66,5 L
Gray water tank capacity	7,6 L

Layout and structure

Cabins	2 cabins
Beds	2 beds
Material	GRP
Hull designer Exterior designer Interior Designer	All Oceans

Approval category and capacity

OE type approval category	B
Maximum capacity	10 people



Performance

Maximum speed	54 kn
Cruising speed	40 kn
Cruising speed consumption	3L / nm

All performance specified in the table above applies to a standard configuration boat with clean hull, propellers, and rudders. Different or harsher sea conditions may significantly affect performance.

Hull and superstructure

Fiberglass

Hull	●
Deck	●
Superstructure	●
Hardtop	●
Platform	●

Type of resin

Vynilester

Hull skin coat	●
Hull core construction	●
Deck skin coat	●
Deck core construction	●
Superstructure skin coat	●
Superstructure skin coat	●
Hardtop skin coat	●
Hardtop construction	●

Propulsion system component characteristics

The following tables list the boat's main characteristics.

Engines

Manufacturer	YAMAHA
Model	XF425 XTO
Max. power	700 kW (938,71 hp)

Steering system

manufactured by ISOTTA

Type	Electronic progressive
Quantity	One, integrated
Bow thruster	3 kW, side power 12 V



Opus 12 equipment

Deck equipment

- Sea deck
- 6 × I-carbon cleats
- Handrail inox DIN 316
- Bow and stern sun cushions
- Skipper folding bench
- 4 profiled passenger seats
- GRP hardtop with hatch for sliding roof
- Nautinox stairs to exit the sea
- Ultramarine anchor 12 kg
- Anchor chain inox DIN 316
- Outdoor gas cooker
- Trailer hitches
- External awning

Water system

- Quite Flush toilet
- Vetus deck shower
- Vetus boiler 220V
- External sink with faucet
- Sink
- Shower enclosure with smartglass door

The complete water system is connected to hot and cold water!

Hydraulic equipment

- Besenzoni opening of the side balconies on the boat

Engines

- Yamaha XTO 425 Offshore × 2
- Joystick Yamaha
- Isotta multifunction steering wheel

Electrical devices

- Webasto sliding electric roof
- Lopolight navigation lights
- Boat's horn Vetus
- Radar Garmin Fantom 18
- Two Ploters Garmin GPsMAP 8412
- Glomex VHF antenna
- Glomex radio antennas
- Garmin Through-Hull Transducer NMEA 2000
- Garmin VHF radio
- Yamaha autopilot
- Bow thruster Vetus
- Anchor winch Vetus
- Trim tabs Lenco Racing
- Fully automatic ACS A Trim control
- Underwater lights OceanLED
- Fusion Apollo MS RA 770 Ampl. 1800 W DS18 4 × 6 inch DS18 2 × 10 inch DS18 1 × 12 inch DS18
- Refrigerator Isotherm 50 l × 2
- External indirect LED lighting
- Battery chargers Victron Energy 50A
- Batteries AGM 1 × 220 A 3 × 100 A
- 32 AMP shore connection

Interior

- „C“ shaped sofa in front cabin
- Carpeted floors
- Waterproof wooden cabinets and compartments in the front and rear cabins
- Mattresses in the front and rear cabin
- Smartglass toilet
- Oceanair shades on all windows
- LED lighting

Electric system

- Main characteristics
- Onboard voltages: 220 V 12 V
- Junction boxes are installed in main cabin
- Solar panel
- Inverter
- Shore power sockets
- One shore power socket 32 AMP

Batteries

- AGM Batteries 1 × 220 A 3 × 100 A

The battery main switches are located on the main panel. There are separate switches for the starboard and port sideoutboard engines, for the service battery and thruster battery!

Fire extinguishing system

- The boat is equipped with one portable 2 kg powder fire extinguisher located on the boat. The rating of the extinguisher is 8A - 70B - 25F.
- The deck hatches above the cabin berth can be used as auxiliary emergency exits.

Bilge system

Bilge Pump	Automatic	Manual
Manufacture	Whale	Osculati
Model	Supersub Smart submers. bilge pump 650, 12V	Hand pump, foldable
Capacity	40 l/min	22 l/min
Quantity	2	1
Location	Bilges aft / amidships	Cockpit amidships

The activation of the automatic bilge pumps is indicated by a warning light at the main panel board.

The bilge pumps can also be activated manually by switching on the dedicated switches at the main panel board.

Contact

