

Vulcan
ALL AND MUCH MORE...



All and much more

www.vulcan.yachts



Vulcan JP47

Vulcan is the result of the work of a team of engineers, constructors, and decorators specializing in the design and manufacture of exclusive yachts.

Special thanks to Mr Paul Bezzi, the creator of the Surface Drive System, who put enormous effort into the development of this project.

All solutions, including those technological, ergonomics-related, and interior finish-based, have been carefully analyzed in order to create a vessel that will satisfy the needs of even the most sophisticated connoisseurs of water-oriented adventures.

Vulcan JP47 will surely meet the requirements of individuals who never go for compromise. A yacht for those who value style and sophisticated aesthetics, as well as reliability combined with top-tier comfort.

Why should you choose a Vulcan Yacht?

All Vulcan solutions and equipment have been adopted with the intention of achieving maximum speed without sacrificing comfort.

Vulcan JP47 is the only boat produced in Poland that is equipped with a surface drive. Such modules are typically used in, among others, military pursuit units.

Vulcan is the answer to the needs of speed enthusiasts who value comfort. It was created for people who do not accept compromises and want to opt for optimal solutions only.



Quality

Vulcan was made of the highest quality materials, which can be also considered to be the lightest and most durable on the market. Contrary to the approach of our competitors, who manufacture classic glass composite units, the structure of Vulcan is made of mixed materials. Nothing is left to chance when it comes to Vulcan. The glass hull based on Vinyl ester resin absorbs the impact of waves. Thanks to the use of carbon elements, the structure is extremely light. The leather used to cover armchairs and sofas is the same kind of leather Bentley uses. Original stitching, racing shifter, the latest technological solutions - Vulcan has it all.

Momentum

Vulcan is a unique combination of the hydrodynamic advantage of a stepped hull and the efficiency of surface propulsion. Said tandem, together with a reliable hull, properly located center of gravity, and bottom sheathing covered with a six-component silicone layer minimizing resistance, allow to reach the highest efficiency possible.

It results in a high maximum speed that, depending on the engine version, may reach from 40 to 55 kn. The vessel also provides a comfortable cruising speed of 35 kn with low fuel consumption. The propellers separated from the transom facilitates high maneuverability, whereas trimmed drives ensure high efficiency in very shallow water. The use of a stepped hull and surface drive also allows for an optimal 2.5-degree, dynamic angle of attack, which significantly improves the comfort of traversing turbulent water.





Customization

Vulcan is your dream coming true. That is why it is up to you to decide how the final product will look like. For us, the most important thing is quality - no matter what modifications are introduced to Vulcan, you can be sure that their foundations will always be the newest technologies, precision, craftsmanship and innovative design.

From upholstery, through the arrangement of the interior, lighting, indicators and throttle & shift controls, to the color of the entire boat - it will all be done by true professionals. Nothing is impossible! There are only challenges and we are not afraid of facing them.

Cutting edge technology?

The same full standing room height has been maintained throughout the vessel, including the cabin and the bathroom. The control panel with its layout differs from the standard - it is intuitive and functional, based on touch switches and proprietary software. The dashboard is additionally air-conditioned and the front row of seats is electrically controlled and equipped with shock absorbers. The on-board sofas, table, side windows, and sunroof are electrically controlled by means of manual switches and touch screens on the desktop. The cabin is fully air-conditioned, heated, and dried.

The anchor is located in a compartment - which is also a crush zone - on a dedicated, retractable bed with fresh and sea water supplied for rinsing the electric winch and the chain. Vulcan has been created with the use of the latest technology - the advanced Board Management System allows the user to control all devices by using the installed desktop or a mobile application.



Vulcan JP47

Imagine a shipyard with a boat in it... your boat. It is a yacht that you can create from scratch. You are not only its owner, but also its co-creator.

By engaging in its customization, you can become a real designer, having an actual influence on each element of the yacht. You can decide on the color of your Vulcan, interior finish, or the arrangement of the indicators on the desktop. You can also choose leather, fabrics, wood, and other materials to be used within the framework of the vessel. You are the one arranging the interior and ensuring your Vulcan a real uniqueness. Vulcan is your boat and you can be sure that it will be one of a kind.

Helm station

Control all Vulcan devices from the desktop.

The ergonomics of the solutions applied, supported by many years of experience of the specialists designing Vulcan JP47, include an extensive Board Management System that enables the user to control all Vulcan devices from the desktop. It is an intuitive and truly innovative solution developed with the attention to even the most miniscule details.





Interior

Luxury, design, comfort and safety are inherent elements of Vulcan JP47.

Automation, full standing height, and the latest technologies implemented are only an introduction the comfort-oriented solutions of Vulcan.

Details

We are of the opinion that beauty is in details.

Vulcan JP47 is a boat made of the highest quality materials. Every element and every detail is an original concept designed to suit the needs of Vulcan. Intricate hems, utilization of the same kind of leather Bentley uses, cleats and carbon elements - Vulcan is beautiful and fascinating in its every detail.



Drive

The drive used in Vulcan has found nearly 4000 applications in marine transport. It is mainly utilized in top-tier military and pursuit units, where efficiency and reliability are key factors.

A unique feature of Vulcan, achieved through the use of a surface propeller, is the ability to function properly in shallow water. The selection of a reliable drive unit, characterized by the highest torque-to-weight ratio, was the result of thorough analyses.



Main feature

| | |
|---|--------|
| ■ Length over all (LOA) | 14,5 m |
| ■ Water line length (LWL) | 12,0 m |
| ■ Beam over all (BOA) | 4,2 m |
| ■ Draft | 0,84 m |
| ■ Air draft (without anchor light and with folded antennas) | 4,0 m |
| ■ Displacement light | 12,3 t |
| ■ Displacement max | 13,6 t |
| ■ Max persons on board | 10 |
| ■ Class | B |
| ■ Top speed* | +40 kn |
| ■ Cruising speed | +35 kn |

*) Top speed depend from various factors like boat displacement, sea state, fouling and can be different than depicted.

Price

| | |
|--------------|-------------|
| ■ Base price | 748 000 EUR |
|--------------|-------------|

Structure

- deep V two steps hull with additional ventilation ducts
- hull and deck glass core with vinyl ester resin, vacuum infused
- carbon fibre roof top, engine gate, platform, helm station and structural reinforcements

Propulsion

- Two 570 HP diesel engines and trimable surface drive system
- In line mufflers with underwater wet exhaust
- Overpressure raw water installation and flow sensors
- Fresh water/antifreeze engine and other equipment flush installation
- Aero-gel exhaust insulation with polished shields
- Three steps fuel filtration with separation and clog indication 2x 390l fuel tanks with transfer between pumps, digital inlet counter, ultrasonic and analogue senders

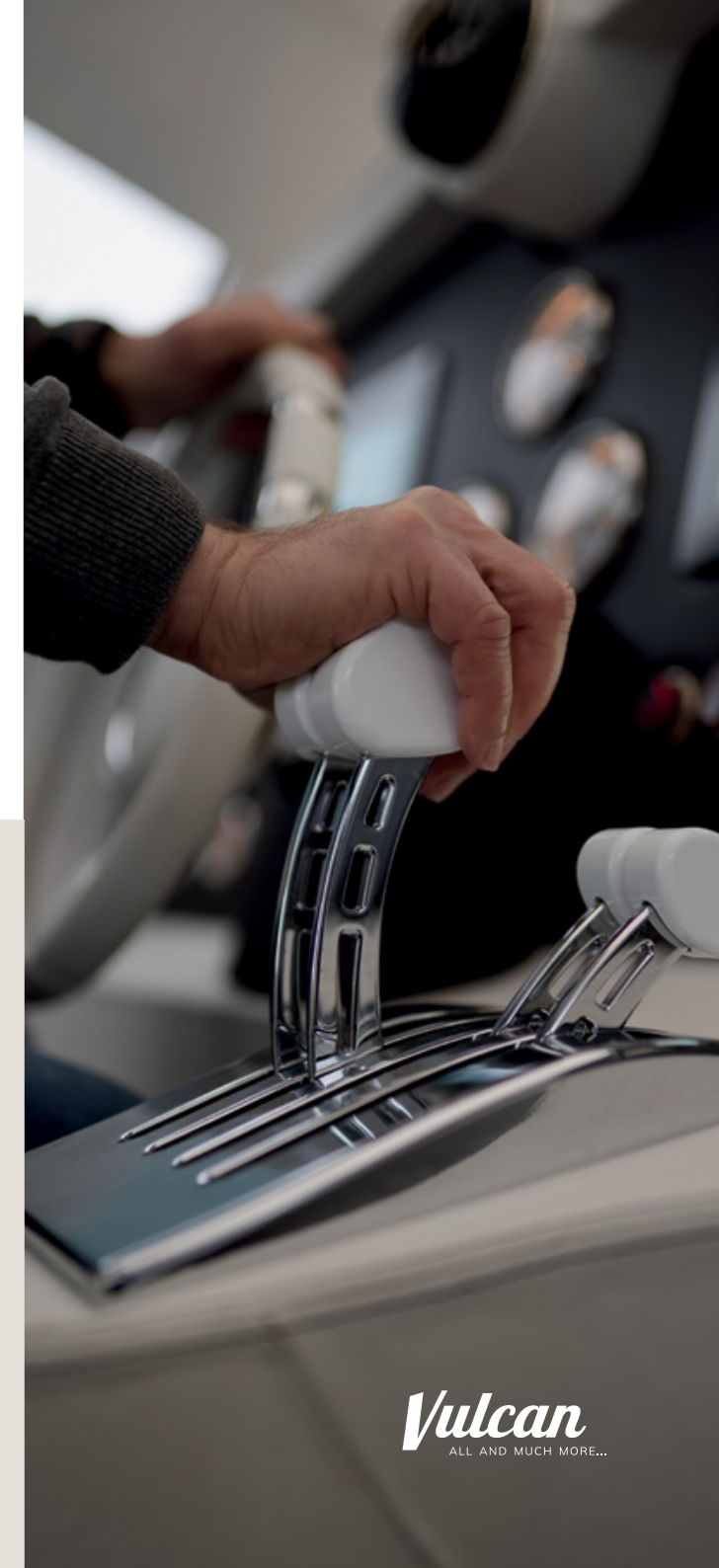


Deck equipment

- custom helm station with three top class mitigation seats (skipper seats additional with horizontal adjustment)
- three deck sofas with top class finishing
- folding table
- power engine room door with additional power hatch doors
- leather covered deck sunbath mattresses with magnetic lockers
- polished stainless steel ferrules
- all hatches with auto – light switches
- flexi teak
- carbon gangway and swim ladder
- tinted windows and with additional infrared protection
- RGB deck ambient LED lights
- deck 230 power sockets
- custom deck ferrules

Technical equipment

- 330l fresh water tank with boiler and high output pump, water outlet for cleaning the deck and anchor, deck shower hot/cold water
- 130l grey/black water tank with sea water flush and electro-valves
- wash down deck/anchor sea water pump
- 230V Inverter/battery charger with service battery
- sound insulation deck and engine bay
- anchor bilge retracted bow roller and SS anchor, light and electric winch, raw and fresh water access
- Victron electric management station with charger, inverter 230V, monitoring and auto distribution feature
- Sea Fire protection system with automatic extinguishers
- manual/auto bilge pumps
- engine room and technical compartment blowers



Helm station

- remotely controlled flood light
- custom steering wheel (leather finish)
- racing throttle & shift control (leather finish)
- advanced digital switching with custom screens
- two MFD 12" one drive panel, I pad with dock station
- vintage semi analogue gauges
- surface drive LCD panel
- VHF and AIS
- two custom engine main switches

Interior:

- accommodation 2+2 bed and one sofa (electrically foldable)
- custom design with high-end fabric and trim details
- additional thermal and sound insulation (aero-gel)
- composite lockers
- high-end leather on the walls and trim elements
- three zone dimmable ambient light, courtesy bed light
- push buttons stainless steel switches
- carbon WC with touch screen panel top class fittings
- customized sink and tails
- custom bedding
- boat government auxiliary station (in locker)





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