

# New multipurpose craft to dive to 100 metres and speed at 30 knots

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Italian engineering startup company iSpace2O has offered an interesting 'craft', with no analogues as of today. Named DeepSeaker DS1, it can dwell both above and below water. DeepSeaker is a multipurpose craft. The vessel can be deployed for leisure, tourism, search and rescue, research and other utilities.



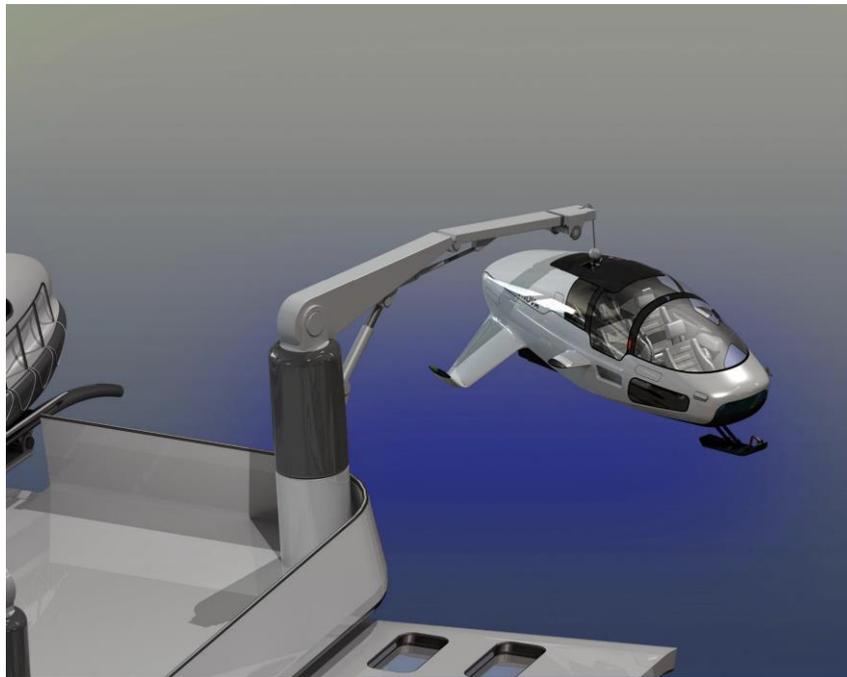
DeepSeaker DS1 is capable of diving to a depth of 50 - 100 meters, depending on the mode. To go underwater, it is necessary to fill the inflatable tank that plays the role of a ballast tank.

Oxygen cylinders that allow people inside to breathe are not needed, since the Oxygen for the passengers will be extracted from sea water.



According to the developers, this process requires minimum energy, which is important, since DeepSeaker DS1 is a 100% electric device.

On the surface, equipped with water jets and foils, the DS1 is capable of speeds up to 30 knots under the most powerful performance. With two electric motors of 40 kW each, which are included in the basic package, the maximum speed capabilities are limited to 23–25 knots.



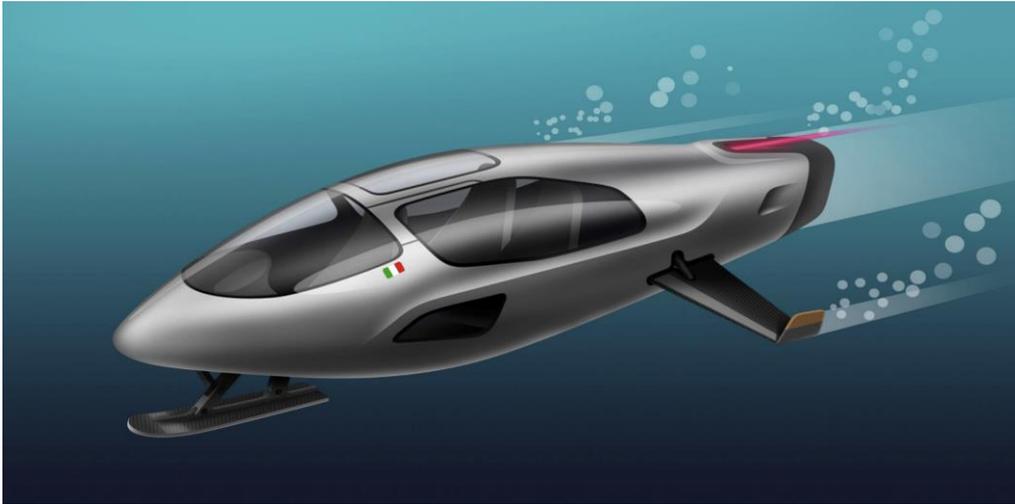
Lithium-ion batteries guarantee six to eight hours of battery life. A full recharge of batteries takes eight hours, but there is also a quick charging system that allows you to manage in no more than an hour.

The small size of the four-sear Deepseaker DS1 enables her to fit easily in a garage of any superyacht or support vessel. The owner is also entitled to personalise his model opting for a colour scheme in the style of a mothership.



The standard equipment on-board the vessel includes a digital dashboard, connectors for iPad, GoPro cameras and even such peculiar devices as hydrophones, with which one can listen to marine inhabitants.

According to Giuseppe Carusi, co-founder at iSpace2O, the project has existed for five years, but only now they received financing.



The first prototype of DS1 is planning to attend the Dubai Expo in October 2020, while the final version of the prototype will be ready by early 2021.

The price of DeepSeaker DS1, according to preliminary data, will vary from € 950 thousand to € 1.2 million, depending on the version. In the future, it is planned to develop a larger and more spacious version, based on the platform.