

SAAB SEAEYE E-WROV



Saab Seaeeye's new eWROV all-electric, work-class underwater vehicle

Saab Seaeye has agreed a deal to sell 10 of its new electric work remotely operated vehicles (eWROV), including further options, to leading marine robotics company, Ocean Infinity.

"Ocean Infinity's order is the largest in Saab Seaeye's history and highlights the need for intelligent, adaptable and flexible underwater robotics," said Magnus Lewis-Olsson, Chairman of Saab UK. The company is reticent to disclose financial details of the contract.

Saab Seaeye says that the new eWROV product is the most capable and intelligent all-electric, work-class underwater robot that it has ever developed. It will be built in the company's new facility in Fareham within the Solent Freeport.

"The eWROV's electrification is the key to its improved performance and sustainability-related attributes," said Lewis-Olsson "As well as being more efficient, electric systems use little or no oil, making the eWROV significantly more environmentally friendly than equivalent hydraulic work-class systems."

Most important, eWROV benefits from Saab Seaeye's iCON intelligent system architecture, making it capable of fully autonomous operation.

The eWROV will be used across a variety of offshore energy sectors, ocean science and defence. It is the culmination of four years of research and development,

resulting in a larger and more powerful ROV compared to those designed for light work and observation tasks.

"Saab Seaeye is among the first companies to produce a full-size electric work-class vehicle that can deliver the same overall performance as a 250 horsepower hydraulic vehicle, while offering a lower lifetime cost and reduced environmental impact," said Lewis-Olsson.

"Ocean Infinity is developing the world's largest fleet of uncrewed robotic vessels and will be the eWROV's launch customer. The eWROV will play its part in Ocean Infinity's mission to use innovative technology to transform operations at sea, enabling people and the planet to thrive.

"Armada is set to revolutionise the maritime industry, delivering sustainable services that offer up to 90% emissions savings over a conventional vessel performing a similar offshore task.

"Lessening the environmental impact of operations at sea is the main driver behind the development of Armada.

"The all-electric eWROV, in addition to our already low-emission vessels, will enable us to support our customers with infrastructure integrity projects in the most environmentally responsible way."

Due to this and further future contracts Saab Seaeye is also to expand by 70% to an additional 3236m² (34 832 ft²) site in Fareham, UK, by March 2022



The ROV with the Saab manipulator arm

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 < 90 cm
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 Endurance 10 h
 Speed 8 knots
 300 M DEPTH

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 300 M DEPTH

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