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Fischer Panda UK Equipment Powers ROV System and Fresh Water Supply on New BW SeaCat Inspection Vessel for Rov AS

*Seawork International, 3rd to 5th July, Southampton
Fischer Panda Stand PG79 / BW SeaCat Stand VA42*



The Panda 25i generator and Seafari Mini 170 watermaker from Fischer Panda UK

Fischer Panda UK has supplied a Panda 25i generator and Seafari Mini 170 watermaker for the latest ROV inspection and survey boat designed by Fareham-based BW SeaCat for Norwegian company Rov AS.

On show for the first time at Seawork, the 13m ROV1304 with SPEED-type fast displacement hull is leading commercial power catamaran manufacturer [BW SeaCat](#)'s fourth vessel of a well-proven similar construction, designed for deep water operation for the aquaculture industry, power plants, offshore sector and other contractors.

The new workboat requires a powerful genset to drive the deck crane and underwater ROV system to be used for applications such as inspection of mooring and cables and work at fish farms. The installation of a compact and reliable watermaker was also essential to supply fresh water for a crew of two people working shifts of up to seven days at a time.

The single-phase [Panda 25i \(20kW\)](#) was selected for the project due to its proven capabilities as an attractive option for commercial workboats mainly due to the variable speed efficient output that is well suited to working vessels that have a varied power demand when in operation.

An all-in-one solution that can be easily mounted and operated for the crew, the [Seafari Mini 170](#) is ideal due to its compact and low foot-print design.

Chris Fower, Sales and Marketing Director, Fischer Panda UK, said: "The ROV system required a clean stable voltage output to safely and reliably operate the equipment and, due to the electrically controlled pure sinus wave output of the iSeries generator, we were able to deliver on this main priority. The low weight and compact size clearly made the Panda 25i stand out from the competition where space-saving was another main requirement.

“The customer chose the Mini watermaker because it takes up so little space and has all components mounted on one chassis for ease of operation. Another benefit is the equipment can all be sourced by one supplier – Fischer Panda UK.

“We have worked with BW SeaCat on a number of successful projects. This is the latest boat we have had equipment on display at Seawork through BW SeaCat and we are proud to work with such a concise and professional builder that always delivers a high-level finished boat.”

With the results of the first sea trials set to be revealed at Seawork, the ROV1304 has been built by BW SeaCat to maximise efficiency and manoeuvrability and is designed with crew comfort as a priority. The vessel is also particularly notable as it will be the first application of Suzuki Marine’s DF325 outboards, with contra-rotating propellers, in Northern Europe.

Ben Plummer, of BW SeaCat, said: “We are very pleased to introduce the ROV1304 at Seawork. The vessel aims to do more with less, with similar features to its sisters yet representing the next evolution of this successful series. It needs to be suitable for duty cycles of several days, so the HRO watermaker supplied by Fischer Panda is a crucial element in terms of crew comfort. We have worked with Fischer Panda previously so we are confident in their reliability as a partner and capability to supply a range of associated equipment in addition to its market-leading generators.”

Based in Bergen, Norway, Rov AS has a wide range of inspection vehicles to carry out inspection in air and with ROV down to 1400m depth, usually equipped with multiple cameras.

As suppliers of Village Marine watermakers, Dometic air-conditioning systems and hybrid electric propulsion systems, Fischer Panda UK provides the whole product package, servicing and aftercare to commercial customers from its headquarters in Verwood, Dorset.

Fischer Panda will be available to discuss its range of commercial solutions on Stand PG79 at this year’s Seawork or visit www.fischerpanda.co.uk for more information.

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About Fischer Panda UK

Fischer Panda UK Ltd offers full-system design capability, servicing and aftercare as a leading distributor of diesel generators and a major supplier of the latest technology in air-conditioning systems, hybrid electric propulsion systems, integrated mobile power solutions and watermakers for a variety of commercial and leisure vessels.

Renowned worldwide as innovative, reliable and extremely quiet, the extensive Fischer Panda range of compact diesel generators includes its next generation highly efficient and powerful variable

speed iSeries-Generators. Other world-class products from Fischer Panda UK include desalination systems from Sea Recovery, HRO, and Village Marine, with models suitable for day-boats to warships and offshore platforms, plus air-conditioning systems from leading marine HVAC supplier Dometic.

Fischer Panda UK is ISO UKAS 9000/1 accredited and operates from a purpose built 9,000 sq. ft facility in Verwood, Dorset. Its experienced engineers, sales and operational staff work with OEMs to develop integrated systems for custom vessels and offer specialist technical support and on-going aftercare to its customers.

Also active in the military and automotive sectors, the company works with UK MOD and other armies around the world providing solutions for specialist vehicle and land-based applications. Two thirds of Formula 1 mobile truck units install Fischer Panda generators, as do the BBC, Sky and many other mobile broadcasting vehicles.

Operating since 1977, Fischer Panda GmbH is headquartered in Paderborn, Germany. The Fischer Panda team covers more than 500 technicians and partners in over 90 countries worldwide.

About BW SeaCat

At Bennett-Worrallo SeaCat Ltd we pride ourselves on the manufacture of commercial power catamarans based on a full displacement hull design, the heritage of which can be traced back over 40 years. These hulls can achieve speeds of 30Kn or more with either inboard or outboard power.

Having a very fine entry, coupled with full aft sections, the motion on board is steady and predictable, whilst the high bridge deck remains clear of the water even in steep head seas, increasing comfort and inspiring confidence.