



Fischer Panda UK's Full Demonstration Trailer at Seawork

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## Fischer Panda UK to Exhibit at the 25th Edition of Seawork International Presenting the Latest Mobile Power Solutions and UK's First All-Electric Fishing Vessel

Fischer Panda UK announce their attendance at the 25<sup>th</sup> edition of Seawork International, exhibiting from their customised full demonstration trailer on stand Q84. The specialist power solution team will be on hand at this year's show to present the latest addition to their tailored power solutions line up;

Clayton Power's cutting-edge LPS II range, and to provide insights into their involvement with the pioneering project of the UK's first all-electric fishing vessel.

## **UK's first all-electric fishing vessel**

West Scotland based fishing vessel skipper and boatbuilder, Hans Unkles worked with Fischer Panda UK to convert 1978 Cygnus GM21 *Lorna Jane* to all-electric and solar power, breaking ground in the potential of the first all-electric commercially viable fishing vessel on the UK register.

With a desire to find a sustainable, zero emissions solution for the vessel and with ongoing improvements in battery technology and electric propulsion, the boat owner opted for Fischer Panda's Aziprop 20kw 1200rpm Pod drive to power the vessel.

The Fischer Panda Pod drive provided the versatility required, enabling the installation to adapt around the final power specifications and layout as the project progressed over almost a one-year period.

"I chose the Pod drive primarily for space but also because the original propeller and rudder layout was pretty rubbish. The main Pod drive advantages are better efficiency, no cooling of the motor required, no hull penetrations, so a completely dry and clean battery room.

Once the batteries, Pod and control gear were installed, the rest was a standard fit out. The Pod is arguably more efficient than a shaft drive with constant water cooling and it offers very good, powered, manoeuvrability. All in, it is every bit or more controllable compared to what I have been used to." said Hans on completion of the installation.

A film has been released mapping the inspirational project and documenting the real-life struggles of converting the UK's first fishing boat to solar and electric power to fish at a commercially viable level. You can find out more about the project and view the film by visiting the website

<https://itllneverwork.boats>

## **Portable Power**

Show visitors can also explore Clayton Power's All-in-One Lithium Power Supply units at Fischer Panda UK's stand, which offer an efficient and powerful mobile solution for marine applications requiring small to medium levels of onboard portable power.

With the ability to be charged from the boat's alternator and renewable sources while out on the water to power onboard equipment, Clayton Power's LPS II units also prioritise environmental sustainability and user convenience, offering a hassle-free power source for users on the go, without the need for expensive complete system overhauls.

### **Onboard Power**

Also on display will be the Panda 4000s Neo and the Panda 5000i Neo, which are leading additions to power solution expert Fischer Panda UK's range of compact diesel generators. Perfectly suited to smaller vessels and canal boats with limited space looking for independence away from marinas or shore power, Fischer Panda's Neo Panda generators offer ideal suitability for commercial cruising and liveaboard vessels.

### **Full Solutions**

Fischer Panda UK's longstanding brand partner Mastervolt will also have a presence on the stand this year showcasing power electronics solutions designed to meet the on-board energy requirements of the marine market.

In addition to power solutions, Fischer Panda UK will display a range of AC and DC Parker watermakers suitable for some of the world's most demanding applications from light commercial craft to commercial fishing vessels, with flexible installation options to suit a range of applications.

As one of the most well-established names in marine air-conditioning, Dometic's self-contained reverse cycle cooling units are also on display. Ideal for boats up to approximately 75ft, the system can be conveniently concealed under a bunk or seat, making these versatile units suitable for varying commercial applications.

Offering visitors at Seawork International a unique and interactive experience, the customised Fischer Panda UK trailer on Stand Q84 offers

expert advice and insights to learn about the equipment in a more practical way. With company specialists on hand to discuss and advise on the most suitable power solution options for specific vessels, Fischer Panda UK looks forward to welcoming you to their stand.

For media appointments with a Fischer Panda UK spokesperson at the show, please reach out to Olivia on email [o.reeve@saltwater-stone.com](mailto:o.reeve@saltwater-stone.com)

Visit [www.fischerpanda.co.uk](http://www.fischerpanda.co.uk) for more information about Fischer Panda UK's range of marine power solutions and additional products.

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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, air-conditioning systems, hybrid electric and propulsion solutions, integrated mobile power solutions and water makers for a variety of applications across the marine

and automotive sectors.

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. Fischer Panda generators from the Panda 4000s Neo up to the next generation iSeries Panda 45i genset have passed type approval by members of the IACS (International Association of Classification Societies) board. Other world-class products from Fischer Panda UK include mobile power solutions working as the exclusive UK automotive distributor for Mastervolt and a wide range of refrigeration and air-conditioning solutions as the UK exclusive distributor for Autoclima.

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, CZone digital switching and Mastervolt power solutions.

Fischer Panda UK was among the first companies to achieve ISO UKAS 9000:2015 accreditation and operates from a purpose built 9,000 sq. ft facility in Verwood, Dorset.

Active in the military and automotive sectors, the company works with UK MOD and other military units 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.

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