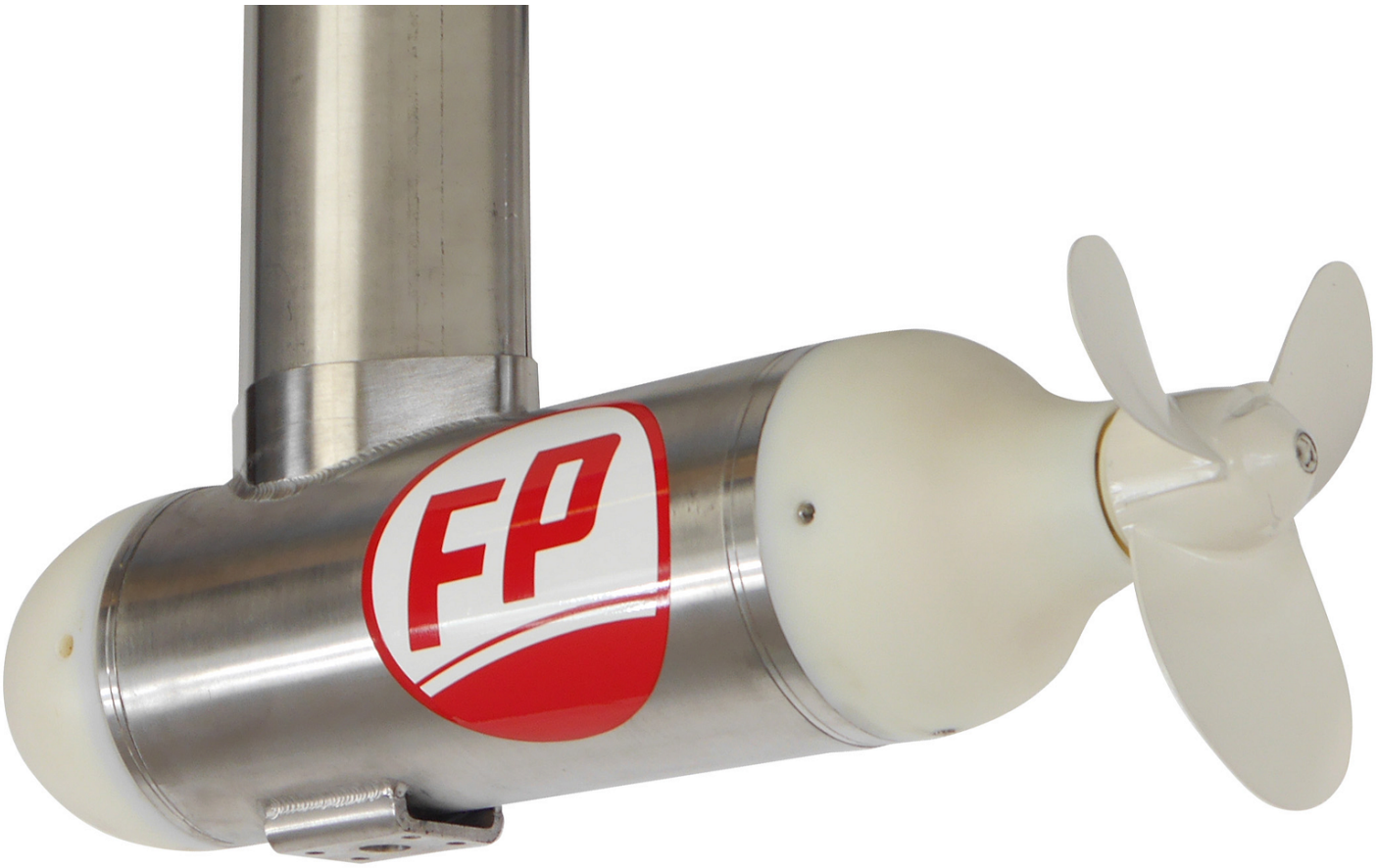

The new Fischer Panda 1,7 kW electric pod motor

May 11, 2021 09:00 BST

New Fischer Panda Electric Pod Motor Offers Dependable Solution for Small Commercial Vessels

Fischer Panda UK has strengthened its range of advanced electric drive systems with the launch of a new robust and dependable pod solution for smaller commercial applications.

Ideal for daily operation in a working environment, the Fischer Panda electric pod motor provides boat builders, operators and owners with a convenient propulsion option with minimal servicing requirements and installation

flexibility.

The quiet, emission-free pod motor is available in two versions depending on the voltage, increasing the potential for different battery set ups and offering the choice of a 24 V solution in pod format.

Located under the boat's hull, both the 1,7 kW pod with 2300 rpm (24 V) and 3,8 kW pod with 3000 rpm (48 V) provide reliable low-speed operation and high manoeuvrability for small boats and USVs, with maximum torque throughout the speed range.

Chris Fower, Sales and Marketing Director, Fischer Panda UK, said: "We are very excited to add the new rugged Fischer Panda electric pod motor to our range as it opens up more possibilities for smaller boat builders, USV and small commercial vessel operators, as well as owners of small coastal fishing boats, to adopt electric propulsion. With 48 V solutions the norm, the addition of the 24 V version is a great opportunity for more operators to benefit from the flexible installation, easy operation, emissions and cost savings, and minimum maintenance offered by the electric pod motor. Many commercial operators, as well as leisure sailboat and smaller electric motorboat owners, will also appreciate the environmental advantages, low noise and vibration."

The Fischer Panda Electric Pod Motor is started at the press of a button. With a stepless power control, the boat's speed can be easily regulated and it is also possible to switch between forward and reverse without shifting gears.

Equipped with a three-blade Yamaha DELTA propeller, the highly efficient Fischer Panda electric pod motor is water-cooled, brushless and sensorless. All electronic components are housed within the Fischer Panda Easybox controller unit which is installed inside the boat with the battery bank.

Encased within a compact and watertight stainless-steel housing, the pod can be rotatably mounted, while the three-stage sealing provides maximum safety and minimum maintenance. Fischer Panda can supply appropriate brackets for the pod to be used as an outboard motor.

Fischer Panda UK also supplies drive systems in the higher power range, offering solutions from 2 kW to 100 kW, available with voltages ranging from

24V to 360V depending on the power requirements. The company's electric and hybrid systems are available for both commercial and private boat builders and owners for newly built vessels or retro-fitting.

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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. 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 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 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.