



The compact Fischer Panda AGT 4000PMS DC generator

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Fischer Panda (Seawork International - Stand PG79): Fischer Panda Showcases Compact DC Generators and Full-System Capabilities at Seawork

Generator expert highlights range of DC and AC generators, watermakers, air conditioning units and electric propulsion for commercial workboats and vessels

Seawork International 2017, Mayflower Park, 13th to 15th June, Stand PG79

Fischer Panda UK will introduce its comprehensive range of technically advanced AGT DC generators and highlight its full-system capabilities for commercial vessels at this year's Seawork International.

The leading diesel generators distributor will showcase its AC and DC generators, as well as its Dometic air-conditioning systems, hybrid electric propulsion systems and watermakers, demonstrating its ability to supply the whole product package, servicing and aftercare to commercial customers.

Fischer Panda AGT DC generators

The Fischer Panda AGT DC generators are extremely efficient and exceptionally quiet running generators which are ideal for keeping the batteries well charged in the most efficient method possible. The generators are also a perfect support for electric propulsion drives for commercial vessels, dramatically extending their operational range. Over 130 of the Fischer Panda AGT generators have been supplied to the RNLI for use in various classes of lifeboat due to their reliability and efficiency.

The charge output from the generator is directly controlled by the engine speed, leading to exceptionally high efficiency. Auto start is built-in as standard which enables the battery condition to control when, and for how long, the generator runs, ensuring the engine is always correctly loaded.

The compact AGT 4000PMS weighs just 90kg and is capable of producing 3.2 kW at normal running speed with a noise level of just 54dba. The AGT 5000PMS can provide 4 kW and is slightly heavier at 139kg, but with no increase in noise level. The standard range is available up to 25 kW, with larger sets available on request.

With the use of these fully automatic, diesel-powered AGT battery chargers, all on-board AC load scenarios can be comfortably accommodated via a Mastervolt smart Inverter system. Fischer Panda DC sets are 'Twin Circuit Cooled' via an integral heat exchanger and treated sealed fresh water circuit. They are all also available with any requested DC voltage output. In nearly all cases, the overall efficiency is far greater than conventional systems with a considerably lower environmental impact.

Fischer Panda Electric Drive Systems

Fischer Panda also presents its range of electric powered drives at Seawork for low-cost operation which is environmentally advanced when compared to traditional petrol or diesel drive systems.

In addition to its highly respected Whisperprop Drive Systems, Fischer Panda UK now introduces the Bellmarine electric drive systems designed in the Netherlands specifically for the marine market.

Silent running and up to 100% emission free, electric power can provide all the power and manoeuvrability needed for operation. Batteries are charged through the on-board charger when connected to shore power. When shore power is unavailable, the system can be supported by a compact Fischer Panda diesel generator to charge the batteries, commonly known as a 'range extender'.

Chris Fower, Marine Sales and Marketing Manager, Fischer Panda, said: "Our customers are looking for efficient generator systems customised for their needs; durable, reliable HVAC systems of a proven and efficient marine design; and, in a growing number of cases, electric powered drives. Our full-system design capability, servicing and aftercare mean we can also supply the correct generator for the boat, to power the HVAC system and any other necessary equipment on board. We will also work with our customers to specify the correct equipment for the vessel and the properly sized system for their boat or fleet."

Fischer Panda UK is recognised by leading maritime organisations as an authority on mobile power generation. The range of AGT generators, together with other systems suitable for commercial vessels, can be seen at Seawork International on Stand PG79. Visit www.fischerpanda.co.uk for more information about Fischer Panda's range of marine generators and other 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 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 and this year is celebrating its 40th anniversary.