



Fischer Panda UK Secures Major Defence Contract

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*Fischer Panda's largest contract win worth over £10million to fit British Army Fighting Vehicles with Military Specification Fischer Panda Generators*

Fischer Panda UK has secured a major contract with a global aerospace and defence company to equip the latest commission of AJAX military fighting vehicles with ultra quiet generator systems. This is one of the highest value

contracts that Fischer Panda UK has secured, worth over £10million.

The British Army's future, advanced armoured fleet of AJAX vehicles will be fitted with Panda AGT 8000 PVM-NE 24v (28v) generators. These units have been developed and built to meet the military standards and specification required for this project utilising variable speed DC generators that have the ability to operate in extreme temperature ranges between -46°C to +50°C.

Fischer Panda UK entered a joint development phase to produce an APU that would fit within the already specified space whilst also meeting very low running noise requirements. Fischer Panda UK was approached due to its reputation for manufacturing extremely quiet, reliable generator systems. The systems specialist also had a proven track record for designing and installing robust and reliable systems for the MOD having previously worked on military projects that are still in operation today.

The development phase for the units took several years and the project had to overcome supply chain challenges due to the pandemic. Developing a new generator to production standard in such a short time is testament to Fischer Panda UK's production factory's advanced expertise. In total, four prototypes were built with minor adjustments and improvements made to each one until a production standard was reached. The AJAX vehicle itself is currently in the Demonstration and Manufacture phase following successful Noise and Vibration trials which took place in autumn 2022.

Barry Fower, Managing Director at Fischer Panda UK, said: "This contract is the largest single contract that Fischer Panda UK has ever secured. We are proud to be chosen to provide the generator system to the new British Army fighting vehicles, bringing a whole new level of capability to the Army. The fully digitalised platform will provide better protection for our soldiers whilst allowing them to make better decisions due to having better, quicker information on the battlefield."

The variable speed aspect of the system ensures that it is always running at its most efficient speed as this is controlled by the load, this provides the highest level of efficiency possible leading to lower fuel consumption and longer engine life.

The replacement APU has allowed the whole project to move forward and the stringent requirements in all aspects of noise and performance has resulted

in Fischer Panda UK delivering an extremely quiet DC battery charging generator. Testing is ongoing with regards to integration with the vehicle's control systems but this is not expected to raise any issues.

For more information about Fischer Panda UK's range of products, go to [www.fischerpanda.co.uk](http://www.fischerpanda.co.uk).

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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 solutions and integrated mobile power solutions for a variety of commercial and specialist application vehicles.

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 mobile power solutions working as the sole UK automotive distributor for Mastervolt and a wide range of refrigeration and air conditioning solutions as the UK exclusive distributor for Autoclima.

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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