

Media Release
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Benefits of VFDs within the dairy industry on show at Dairy-Tech

Energy savings and reduced operating costs are just some of the key benefits that variable frequency drive (VFD) technology is achieving in the highly competitive dairy industry.

With margins in milk production at a premium, the ability to keep running costs low is a significant consideration for dairy producers – from farmers through to large scale dairy production companies.

The benefits of Inverterk Drives Optidrive VFDs to the industry will be on show at this year's Dairy-Tech exhibition at Stoneleigh, Kenilworth, UK, (5 February 2020) through Motor Control Warehouse, one of its sales partners in the UK, who are exhibiting at the event.

“Most aspects of dairy production can benefit significantly from VFD technology. From raw milk handling, separation and pasteurisation, to ventilation, packaging and cleaning,” said Nick Thorne, Global Sales Manager at Inverterk.

“The control of pumps and motors used for liquid handling, separators, conveyors, packaging and ventilation can achieve energy savings of between 25 and 50 per cent alone by using VFDs.

“This is achieved by accurately and intelligently controlling the speed to match the demand of the process. As a result, motors are not always running at full speed, and pumps are not working at maximum flow levels when they don't need to be.

“This not only reduces energy use but cuts maintenance costs and associated downtime in production, making considerable savings as a result.”

VFDs such as the [Optidrive Eco](#), designed specifically for intelligent pump control with its Optiflow system, [Optidrive E3](#) and the high-performance [Optidrive P2](#) are ideal for all aspects of dairy production.

Representatives of Inverterk Drives and Motor Control Warehouse will be at Stand P37 to discuss VFD motor and pump control within the industry.

More details can be found at www.inverterkdrives.co.uk.

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Notes to the Editor

Inverterk Drives

Inverterk Drives Ltd is dedicated to the design and manufacturing of electronic variable frequency drives for controlling electric motors. Established in 1998 it has grown year-on-year and is now one of the world's leading innovators in VFD technology.

In November 2019 it was acquired by Sumitomo Heavy Industries Ltd (SHI), a leading global manufacturer and distributor of power transmission and control equipment. Inverterk's UK headquarters, located at Welshpool, Powys, UK, houses specialist facilities for research and development, manufacturing and global marketing.

All operations, including research and development, are accredited to the exacting customer focused ISO 9001:2008 quality standard whilst its Environmental Management System is accredited to the ISO 14001:2004 quality standard.

In 2019 a new 5,500 sq metre global manufacturing and distribution facility was opened at the headquarters, allowing production of up to 400,000 VFDs a year. Inverterk's products are sold globally by a network of specialist distributors in over 80 different countries.

Inverterk Drives unique and innovative Optidrive range is designed for ease of use and meets with recognised international design standards for CE (Europe), UL (USA) and CTick (Australia). More details can be found by visiting www.invertekdrives.com.