

Micro-Sized, High-power Density Digital Servo Drive FlexPro™ from **ADVANCED Motion Controls USA**

Bournemouth UK, January 2020: [Motion Control Products Ltd](http://www.motioncontrolproducts.com), the Bournemouth based solutions provider for the automation market, has introduced our new FlexPro™ drive series digital servo drives from **ADVANCED Motion Controls USA**, which is designed specifically for high power density in tight spaces with the innovative IMPACT™ architecture.



IMPACT™ stands for “Integrated Motion Platform And Control Technology™” and it is an architectural design for digital servo drives that allows for the highest performance and power density available.

Drives with IMPACT™ can easily become self-contained control systems with no need for an external controller.

FlexPro™ digital servo drive range is only 38.1 x 25.4 x 16.0mm in size. This tiny drive runs on 10-55 volts DC, communicates over EtherCAT and supports incremental encoder and BISS C-Mode feedback. The Flexpro drive offers 3 different current ratings of 5A, 10A and 25A, with the peak currents of 10amps, 20 amps and 50 amps respectively.

FlexPro™ drive can be used in stand-alone format or soldered to a developer board for test and configuration purposes. These new servo drives are designed to operate within a network, but like previous digital drives, they can also operate stand-alone via stored indexes and sequences with I/O. They are capable of running brushed, brushless, stepper, and linear motors. Our FlexPro™ drives are ideally suited for tightly integrated systems found in all types of robotic applications such as industrial robots, cobots, warehouse automation, Automated Storage and Retrieval Systems (ASRS), palletisers, automated fork lifts, autonomous delivery vehicles, AGVs, electric mobility, lab automation and more.

For more technical information, please visit our website <https://www.motioncontrolproducts.com/drives/servo-drives/advanced-motion-controls/flexpro/> or contact our sales team at +44 (0)1202 599922.

High resolution images available

Motion Control Products Ltd. is the official UK Distributor for **ADVANCED Motion Controls®** (AMC) in USA, which designs, manufactures and supplies high performance servo drives and motor controllers. Since 1994 **Motion Control Products Limited** has been at the forefront of advanced motion control and automation with the supply of our extensive range of products. These include motors, drives, integrated motors with electronics, gearboxes, actuators, multi-axis controllers, collaborative robots and mechanical components to suit the widest range of Original Equipment Manufacturers (OEM's) application needs. MCP's electric and mechanical products are used in a variety of industries, including the packaging, material handling, medical, food processing, automotive, semiconductor and general automation industries.

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