

Kollmorgen launches new 8-axis controller and 480V servo drive

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Kollmorgen has expanded its Essentials portfolio with the launch of an 8-axis variant of its PCMM2G programmable motion controller. The development coincides with the release of a new high-voltage servo drive with support for 240–480 VAC up to 4 kW. The products are distributed in the UK by INMOCO and the expansion of the Essentials portfolio is designed to support a broader range of applications and motion control requirements.

The new PCMM2G Essentials controller provides the same performance and integration capabilities of Kollmorgen's original PCMM2G while providing a price point scaled for lower-axis-count applications.

The new 8-axis Essentials variant of the PCMM2G programmable motion controller offers functionality including indexing and positioning, enabling machine builders to achieve application requirements with Kollmorgen's motion control performance. The new Essentials controller also offers a compact footprint for straightforward integration to a machine or cabinet.

Complete integration

The new PCMM2G Essentials programmable motion controller adds to Kollmorgen's integrated Essentials motion system, which includes a servo motor, servo drive, and software, with motion programming achieved with EC 61131-3 languages or Kollmorgen's visual-based Pipe Network. Full motion control support from a single supplier reduces system complexity, engineering effort and commissioning time.

The Essentials motion system also integrates with the wider Kollmorgen Automation Suite, which adds hardware and software to create a complete automation solution, including external supervisory control and system programming.

High-voltage servo drive

Coinciding with the launch of the 8-axis PCMM2G controller, Kollmorgen has also added a new high-voltage servo drive to its Essentials motion control system. The Kollmorgen Essentials high-voltage servo drive provides support for 240–480 VAC, three-phase input, and pushes power up to 4 kW.

The development aligns with standard industrial power used across North America and Europe, and enables deployment in applications including automotive parts manufacturing, logistics facilities, material processing, and machine tools. Meeting the higher power and voltage capability without requiring a transformer, the new drive improves energy efficiency and simplifies overall system design.

INMOCO supports UK OEMs with Kollmorgen products and the company's engineers can advise on motion system design and specification including sizing, along with the provision of a range of complimentary products.

Image Captions:



Image 1: Kollmorgen expands its Essentials portfolio with the new 8-axis PCMM2G motion controller.

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About Kollmorgen

[Kollmorgen](#) has more than 100 years of motion experience, proven in the industry's highest-performing, most reliable motors, drives, linear actuators, gearheads, AGV control solutions and automation platforms. Kollmorgen delivers breakthrough solutions that are unmatched in performance, reliability, and ease of use, giving machine builders an irrefutable marketplace advantage.

About INMOCO

Established in 1987, INMOCO now offers an extensive range of motion control equipment including: compact servo amplifiers, position controllers, stepper motors, PLC controllers, linear motors, sensors, electric actuators and gearheads. INMOCO's product portfolio is supported by extensive applications and technical expertise, in addition to customer-specified electro-mechanical development and sub-assembly services; including calibrating and testing in a class 10,000 clean room facility.

PR Agency:

Marketing + Technologies Group: Elizabeth Preciado A.

Progress House, Great Western Avenue,

Worcester, WR5 1AQ, UK

Tel: +44 (0) 1905 917477

liz.preciado@markettechgroup.com

news.dmaeuropa.com

Press Contact:

INMOCO: Gerard Bush

Tel: +44 (0)1327 307600

GerardB@inmoco.co.uk

inmoco.co.uk