The Motion Control Specialists Technosoft will be exhibiting their full range of Motion Control Systems and Intelligent Motors on stand 400 in hall 4 at SPS 2014 in Nürnberg

Of particular interest is the iPOS (Intelligent POSitioning) line of products, which have been developed to meet the market’s need for a compact and cost effective motion solution, offering:

- All in one - controller and drive in a single unit.
- One for All – Same drive for DC, stepper, Brushless and linear motors.
- Distributed intelligence – CANopen, EtherCAT, TMLCAN & Ethernet.
- Advanced Motion Control with MotionChip™ DSP Technology
  - PVT, S-curves, electronic gearing and camming, 3D motion commands
  - Easy implementation with various motion libraries for PC and PLC
  - Graphical programming with EasyMotion Studio.

On the stand and being launched at the fair is the iPOS3604 HX-CAN, which operates at 36V with a continuous current of 4A and a peak of 10A. The design offering 144 W continuous power has vertical retractable connectors minimizing the occupied space (42 x 72 mm). This panel mount module is simple to assemble and connect.

Technosoft have also added to their iMOT (intelligent MOTor) range of intelligent motors with the introduction and launch of the iMOT172S XM-CAN, a cost-effective hybrid step motor on which the Swiss company has integrated a magnetic encoder together with one of the members of their powerful iPOS motion controllers, in a very compact package (42 x 42 x 70 mm). This intelligent stepless motor reaches a peak torque of 500 mNm at 1000 rpm without any gearbox, while the vector control strategy (FOC) applied offers the benefit of a dramatic reduction of current consumption and heat dissipation.

Technosoft products serve in medical analysis and dosing machines, pick and place and welding robots, packaging bottling and labelling machines, industrial equipment, food and textile machines, material handling equipment and factory automation markets.

**TECHNOSOFT**

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