

→ Hanover Fair 2008: New Automation Technology in Hall 9, Booth F06



The international showcase trade show for automation will take place between 21 and 25 April 2008 in Hanover, Germany. In addition to Factory Automation, Interkama and Industrial Building Automation, there will be no less than seven further trade shows. Beckhoff will have two booths at Hanover Fair 2008. In Hall 9, Booth F06, Beckhoff will exhibit the major technology areas of "New Automation Technology": IPC, I/O, Motion and Automation. In the "Application Park", in Hall 17, Booth D26, which focuses on PC Control, Beckhoff will present basic and future technology for PC-based control systems such as "Scientific Automation" in collaboration with Intel, Microsoft and other partners.

PC-Control | Industrial Core™ Duo

In the IPC Forum Beckhoff will present its integrated hardware and software platform for Intel® Core™ Duo and Intel® Core™2 Duo processors. A new, fanless IPC series for control cabinet installation with very compact design is also equipped with Core™ Duo technology.

"Plenty of computing power within minimum footprint" is also the motto of the new Beckhoff Motherboard based on the new Intel® Menlow platform with Silverthorne CPU. The first Beckhoff Motherboard with Silverthorne processor for PC/104 sets a new PC power density milestone.

The IPC segment will also focus on an extended visualisation concept: The DVI/USB splitter simultaneously distributes the image from a PC to up to four displays at a distance of up to 50 m. With the new ADD2 cards any Core™ Duo IPC from Beckhoff can show two separate images with different resolutions, again at a distance of up to 50 m.

EtherCAT | Motion Control

At Hanover Fair 2008 Beckhoff will focus on drive technology and motion solutions. The AX5000 EtherCAT Servo Drive range has been expanded by new versions with rated currents of 18 and 25 A respectively, the safety optional card with restart lock as well as the AM3500 series servomotors, which are now also available with BISS encoders.

Extended options for the "small" drive segment in the form of the modular Bus

Terminals will also be presented. In addition to stepper and DC motors the new KL2791 Bus Terminal can also be used for modifying the speed of single-phase AC motors up to 200 W. In this simple way the speed controller can significantly reduce the capacity of pumps and fans.

The EtherCAT terminal range, which combines maximum performance with maximum accuracy, will be extended with further I/O blocks. With the EL3602, Beckhoff presents a new generation of high-precision analog equipment: The measurement readings are sampled with an accuracy of 0.01% and therefore offer an optimal basis for high-performance and high-precision instrumentation. EtherCAT is also the basis for the XFC eXtreme Fast Control Technology, which enables users to improve the quality of their machines and to reduce response times. XFC increases efficiency and therefore the sustainability of machines and offers machine manufacturers significant competitive advantages.

The main information at a glance:

- | Hanover Fair 2008, Germany
- | 21 to 25 April 2008
- | Opening hours: Monday–Friday 9 am–6 pm

Beckhoff – 7 times at Hanover Fair 2008:

- | Beckhoff main booth: Hall 9, Booth F06
- | PC Control in the "Application Park": Hall 17, Booth D26
- | Special "Energy Efficiency" exhibition: Hall 6
- | EtherCAT Technology Group: Hall 9, Booth F13
- | PROFIBUS user organisation: Hall 11, Booth A41
- | PLCopen: Hall 9, Booth H68
- | TectoYou, an initiative for young people: Hall 26

Further Information:

- www.beckhoff.com/HMI2008/
- www.hannovermesse.com