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Schleicher Electronic upgrades more control systems

Multifunctional data turbo: ProNumeric XCx800 with EtherCAT

Fast and accurate machines are a fundamental requirement to compete in modern metalworking and mechanical engineering. The technical basis for them is the very latest EtherCAT-capable machine control systems. The control system specialist Schleicher Electronic is now setting the pace with its proven ProNumeric XCx800 control system in real time Ethernet with maximum flexibility and high-end functionality.

EtherCAT has established itself as a high-performance network among leading component providers worldwide. Which is why Schleicher now also provides its proven ProNumeric XCx800 control system with EtherCAT. The main attraction for users is that XCx800 ensures such a high level of flexibility. Because unlike conventional control systems the user himself decides which user interface the machine should have and which drives are used.

Until now, Schleicher has been selling control systems with Sercos. This option will also remain in future, as the implementation of EtherCAT is carried out using the same hardware. Fortunately, Sercos and EtherCAT are plug-compatible and can be replaced in the configuration with minor adjustments by Schleicher. Mechanical engineers are therefore free to choose and combine their components.

Other benefits are that the ProNumeric XCx800 with EtherCAT has a larger RAM memory, which allows for future expansion. Plus the upgraded support system supports the widespread EOE (EtherNet over EtherCAT) profile and is compatible with virtually all EtherCAT-capable drives. In addition to the standard I/Os other components can be operated directly via EtherCAT, such as valve islands or hydraulic and laser components. Up to 32 interpolated axes, drive control systems and diagnostic functions will continue to be supported.

In 2013 Schleicher was already equipping its ProNumeric XCI600 machine control system with EtherCAT. After the XCx800 the ProNumeric XCx1200 will now follow too.

www.schleicher.berlin