

Production Machining

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Multitasking Turn-Mill Center for Many Applications, Emco Maier, Booth 639

The Hyperturn 45 high-production turn-mill is designed to accommodate barstock ranging to 45 mm in diameter for a range of applications.

The machine's two turrets can accommodate a total of 24 driven tools. Other features include a VDI25 rapid change system; 70-mm, Y-axis travel in the upper slide system; and a Z2 axis in the lower slide system. A 45-mm (standard 32-mm) through-hole counterspindle is available for longer parts. Also, the machine features various automation options.

The main and counterspindles are equipped with integrated water-cooled spindle motors with 15-kW drive power, 7,000-rpm speeds and 100-Nm torque.

The machine offers dynamic digital drives, a thermo-symmetrical machine construction, compact dimensions and several automation options.



Emco Maier Corp., call 614-771-5991, or search productionmachining.com/suppliers

Precision Toolholding Solutions, Rego-Fix, Booth 1025


The company offers its swissQuick toolholding system for ER 8 to ER 25 collets and clamping ranges from 0.5 to 13 mm. According to the company, tools can be changed quickly, and tool assemblies can be preset offline to maximize production time. The toolholder is made from high-tensile-strength, case-hardened steel to reduce wear and increase component life.

Also available are cylindrical holders, which are compatible with the company's ER collets and designed for various automatic machines. Ranging from ER 8 to ER 40, the holders can combine with other holders to extend cutting tools for small-part machining.

The tight-tolerance cylindrical holders offer 0.0001" runout and achieve high repeatability, the company says. Each holder features a distinct product marking to reduce tool-selection errors as well as a lot number for product traceability.

REGO-FIX Tool Corp., call 800-734-6349, or search productionmachining.com/suppliers





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