



Moore Tool Company

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PRESS RELEASE

Moore Tool to Introduce new ATC Electric Grinding Spindle with HSK Tooling on 500 Series Precision Jig Grinder at EMO 2013 in Hannover, Germany

Moore Tool, Bridgeport CT USA, will be featuring its latest jig grinding technology at this year's EMO in Hannover Germany, 16-21 September 2013. We will be located in Hall 11 Stand F40. As part of our continuing focus on the needs of the production jig grinding market, we have developed a completely new, state-of-the-art, Automatic Tool Changing Electric Grinding Spindle. This spindle has been designed to be extremely compact and robust. It is capable of speeds ranging from 3,000 rpm to 60,000 rpm. It will also accept a full range of HSK-E 25 tool holders for grinding wheels and cutting tools as well as metrology equipment. Radial run-out is 0,002 mm (0.00080") at 50mm from spindle gauge line and tool change repeatability is 0,0025 mm (0.0001") and Taper Run-out is guaranteed to < 0,001 mm. The spindle is designed for pure production work with flood coolant directed at the cutting tool. The spindle is capable of grinding dry across the entire RPM range, utilizing a closed loop continuous coolant system for cooling the spindle. A coolant nozzle ring comes standard to flood the grinding wheel and cutting tool using oil or water/glycol based coolants. It can be installed on our 500 and 1280 series Moore Jig Grinders with electric head capability. A flood coolant system with an integrated chiller unit would be required to cool the grinding spindle and workpiece.

About Moore Tool

Moore Tool Company offers a complete line of CNC-controlled precision grinding machine systems and accessories. In addition, the company operates a precision manufacturing business certified to ISO 9001 and AS9100 standards with a focus on milling and grinding applications with tolerances below 0.0002" (less than 5 microns). The company is ITAR registered. The company operates out of 100,000 SF in Bridgeport, CT USA and through Moore Special Tool AG in Switzerland.

For more information

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