Rollomatic showcases “long-drill” grinder 6-axis at IMTS 2016 for dia/length ratios up to 150D, with integrated wheel and nozzle changer SmartChanger®

Mundelein, June 2016. Rollomatic, a leading machine tool manufacturer based in Le Landeron, Switzerland, maintains its global leadership position by displaying a 6-axis CNC tool grinder for long drills to enable its customers to achieve sustained competitive advantage.

In-depth tests in the field have proven that the new GrindSmart® 528XF with SmartChanger® is ideally suited for long drills. This machine is furnished with a traveling workhead allowing drills with a flute length up to 12” to be efficiently produced. In addition, its versatility permits other carbide or HSS drills and high-performance endmills to be manufactured. Among the many features are a camera to locate small coolant holes and a 6-station wheel/nozzle changer.

- New, patented and proprietary drill steady rest that can compensate for back taper as well as a combination of back taper and cylindrical drill relief. This steady rest is dedicated for drills.
- New feature for neck grinding of long-reach endmills
- Newly designed CNC traveling workhead as the 6th axis.
- Option for locating small coolant holes down to 0.05 mm.
- 6-station wheel/nozzle changer with HSK50E arbors, tested for repetitive concentricity of less than 2 microns.
- 20 HP “synchronous” direct-drive grinding spindle offers constant rpm with no chatter marks in flutes, as opposed to conventional “asynchronous” motors, providing super-sharp cutting edges.

The 5/6-axis machines with wheel/nozzle changers have already proven themselves in the field as potentially highly popular Rollomatic models that carry the well-appreciated class, value and quality of any Rollomatic product. Rollomatic has not deviated from its strategy of building the highest quality machine based on its reputation in the field.

Rollomatic provides outstanding service/support from its North American headquarters in Mundelein, IL, and satellite offices in CA, IN, MA. For more information visit: www.RollomaticUSA.com or e-mail solutions@RollomaticUSA.com.