

## New Dimensions for Measurement and Organization of Cutting Tools



**Automation Solutions:** »roboSet« in combination with »genius« for all companies with high tooling throughput levels. Also live at IMTS will be the »roboSet« in combination with »redomatic« for a fully automatic shrinking of tools to nominal value.

"With its expanded product range of solutions for the measurement and organization of cutting tools, ZOLLER opens up new dimensions. ZOLLER offers expertise in all tasks relating to tools: presetting, measuring, inspecting and managing. ZOLLER provides products for measuring a simple tool to inspecting complex tools, for quality assurance, inspection of goods or extensive tool management tasks," said a company spokesperson. At IMTS, ZOLLER will demonstrate its entire spectrum of products.

### TMS Tool Management Solutions

"Not only measuring solutions, but also the use of cutting tools and their organization require greater efficiency and more flexibility. The key to efficient tool usage and optimized tool life along with an economic manufacturing process leads to a professional tool management system. The still unknown and unused potential for cost savings in this area is enormous in many businesses," said President and Owner Alexander Zoller.

The BRONZE, SILVER and GOLD TMS Tool Management Solutions packages have new functionalities such as a regrinding for the coordination of grinding cycles and incoming goods inspection. Modern tool data management will be demonstrated at the booth. Tools can be downloaded from the Tooldata-Cloud, provided by major Tool Manufacturing Companies and Master Tool Data pools. Complete tool geometry data, including 3D drawing, is available in the ZOLLER TMS software for further processing.

### Tool Inspection

New cutting tools, new materials and new machining technologies all require innovative tool inspection solutions. At IMTS, ZOLLER will present not only its universal inspection machines »genius« and »smarTcheck«, but also new developments in the »pom« series as well as the completely newly

designed »3dCheck« and its high-end machine »titan«.

The measuring machines of this type offers micro-precise measurement of metalcutting tools. Five to seven CNC-driven axes of the ZOLLER »titan« measure every type of metalcutting tool automatically. It measures the outer contours and provides operator-independent complete control through extensive documentation of the measured results.

### Tool Manufacturing, Grinding and Sharpening

The »3dCheck« is a new six-axis CNC-operated machine for the three-dimensional digitalization of work pieces. A target-performance comparison with a CAD model or a pre-scanned tool is now an easy task.

### New Developments in the »pom« Series

The compact tool inspection unit »pomBasic« for job-shop applications right next to the grinding machine is now also available with a high resolution camera for micron tools.

### Automation and Laser Engraving with »roboSet«

ZOLLER's automation solution »roboSet« in combination with a CNC-operated tool presetter, is of special interest to all companies with high tooling throughput levels such as tool manufacturing and grinding businesses, as well as in the quality assurance aspect. »roboSet« loads the ZOLLER presetter automatically and unmanned, 24 hours a day, 7 days a week. This fully automatic tool inspection solution is available in combination with an automatic engraving option of the tool shank.

The »roboSet« will be shown at IMTS in combination with the universal tool inspection machine »genius«, as well as with ZOLLER's heat-shrink machine »redomatic« for a fully automatic shrinking of tools to nominal value.

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IMTS 2014 Booth W-2022

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**TONIGHT**

**TOMORROW**

Are you limiting your workholding options to 10-second collet changeovers?

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While some have used 10 seconds as a destination, at HAINBUCH we saw it as a starting point that began when we pioneered the quick change process in 1985 with our original SPANNTOP chuck system, the industry standard that has been copied more than 40 times. But while some companies are still boasting the "10-Second Collet Change" as though it's the latest and greatest, we've long since moved on to bigger and better things.

Today, Tonight, Tomorrow illustrates HAINBUCH's business philosophy - a commitment and focus to helping our customers solve their immediate and long-term productivity challenges. Our original SPANNTOP chuck system not only mastered the 10-second collet change, but also allows you to go from O.D., to I.D., to 3-jaw clamping in a matter of seconds without readjustment.

Reliable, flexible innovation from HAINBUCH, the world LEADER in quality workholding.

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