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ZOLLER at Metav Düsseldorf 2010, Germany

ZOLLER innovations – special show „Metal meets Medical“ for medical engineering

ZOLLER, the market leader in the field of tool presetting and measuring machines, presents top innovations around the topics “measuring and presetting of tools”, “inspection of tools” and “tool management” at Metav in Düsseldorf.

Metav in Düsseldorf from 23. - 27.02.2010, ZOLLER: hall 9, booth 9B02

Additionally, ZOLLER is partner of the special show „Metal meets Medical“ in hall 9, booth D9. At this booth, visitors can see the ideal manufacturing process of medical engineering products. Besides an expert forum allows visitors to inform themselves about the medical industry’s current topics.

ZOLLER innovations at Metav

Innovative solutions and manufacturing concepts are becoming more and more important in the global competition of today’s economically challenging times than ever before. ZOLLER focuses into new developments in order to streamline manufacturing processes for more profit in metal working companies. The latest ZOLLER innovations will be presented at Metav in Düsseldorf.

Vital areas for use of a tool presetter and measuring machine in today’s modern manufacturing cover the topics toolmanagement, the presetting and measuring of cutting tools, their inspection as well as documentation. The most effective and precise machines in this field of expertise are ZOLLER tool presetter and measuring machines. The newly re-designed user interface menu makes it easier than ever to benefit from the various applications in the »pilot 3.0« software. Access to the modern world of presetting, measuring and inspection of cutting tools is now literally only a ‘push of a button away! The user interface is based on the tasks the user has to fulfill concerning cutting tools in a modern production:

- Measuring and presetting of tools
- Inspection and documentation of tools
- Tool management

Besides its high-quality standard range of presetter and measuring machines, all equipped with the innovative software technology »pilot 3.0«, ZOLLER presents several product innovations and new developments:

- The new graphical user interface for all ZOLLER machines with »pilot 3.0« – focused on operator tasks and ease of use. (Picture 1).
- Measuring program »lasso«-lite« – to collect tool drawings as well as create catalogues for already existing complete tools.
- Heat-shrink presetter and measuring machine »redomatic«, with fully-automatic, motorized induction coil.
- The innovation and unique on the market: The ZOLLER »smile EDM« presetter and measuring machine, especially designed for presetting and inspection of electrodes as well as cutting tools before use in erosion machines to efficiently determine the offset in X and Y, the angular offset and the length in Z. (Picture 2 and 3)
- Measuring program »Fokus 360°i« for multi-insert tools, in particular crankshaft cutters. For example, for a tool with 120 inserts the maximum dimension in Z and X, the cutting edge radius as well as concentricity and run-out are available as a result within 80 seconds.
- Presetter and measuring machine »phoenix« with new tailstock for μ -precise presetting and measuring of reamers. (Picture 4)
- CNC-driven swivel-mounted optic carrier for measuring of hob cutters. (Picture 5)

Technology »elephant« works for the user

Another big highlight at the ZOLLER booth is its latest development, the software function »elephant«. Primarily, innovative technology has to be user-friendly. Thus the technology »elephant« is a unique ZOLLER measuring function: Automatic measuring of tools at the push of a button, without previous data input. So to speak, the »elephant« works for the user. At the same time the »elephant« technology seal stands for highest innovation.

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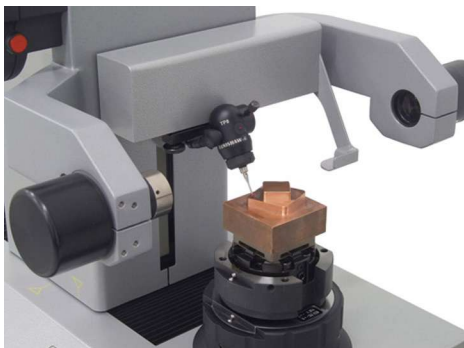
Press photos



Picture 1:
The new user interface for all ZOLLER machines with »pilot 3.0« software.
User-friendly and intuitive operation.



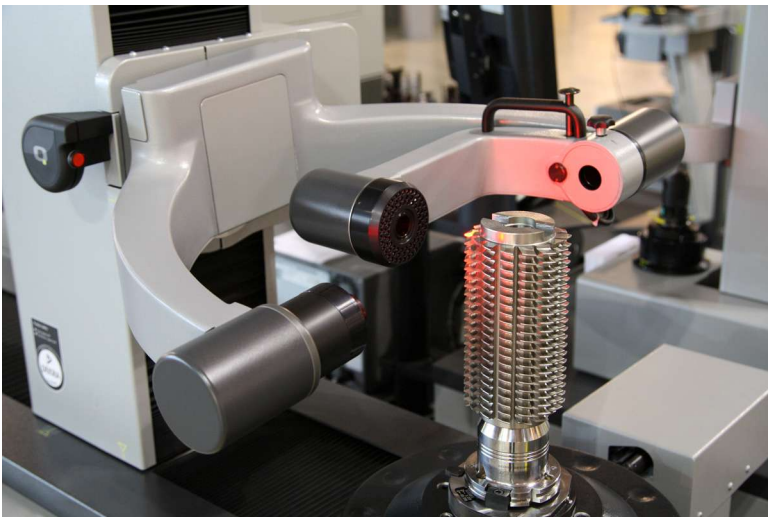
Picture 2:
The ZOLLER »smile EDM«: Universal measuring of electrodes and tools.



Picture 3:
The measuring probe for measuring of the offset in X and Y, the angular offset
and the length of electrodes.



Picture 4:
The ZOLLER »phoenix«: μ -precise presetting and measuring of reamers.



Picture 5:
CNC-driven swivel-mounted optic carrier for measuring of hob cutters.