



Touch the Champion!

»pilot 2 mT«

### **State-of-the-Art Touch-Screen technology with individually adaptable operating surface**

The latest ZOLLER myTouch operating technology »pilot 2 mT« continues the course of innovative image processing which has proven to be successful at ZOLLER.

Here, not only the up-to-date touch functionality fascinates with intuitive handling, but also by settings that can be personalized. The individual windows can be shifted easily and quickly - just by the stroke of one finger.

The surface orientation of the display dialogs on the main screen is user-specifically and individually definable depending on the measuring job.

- ✓ *Quick and easy operation without high training effort*
- ✓ *Individual measuring processes and user-specific menu navigation*
- ✓ *Precise presetting, measuring, inspection and managing of all kinds of metalcutting tools*
- ✓ *Data transfer through machine connection and interfaces to external systems*

Tool presetting and measuring device »smile 400« with image processing technology »pilot 2 mT«



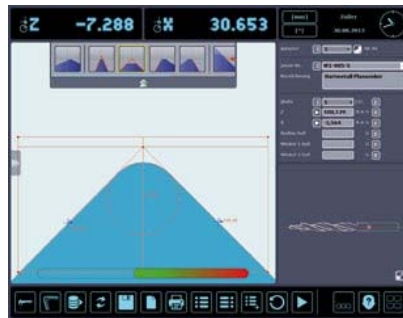
We reserve the right to make technical changes.



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One "finger swipe" allows quick switching to different software

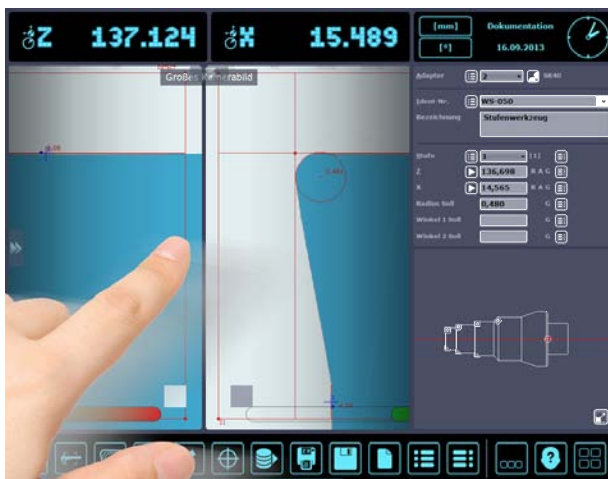


Automatic cutting edge and measuring range recognition with more than 100 different cutting edges

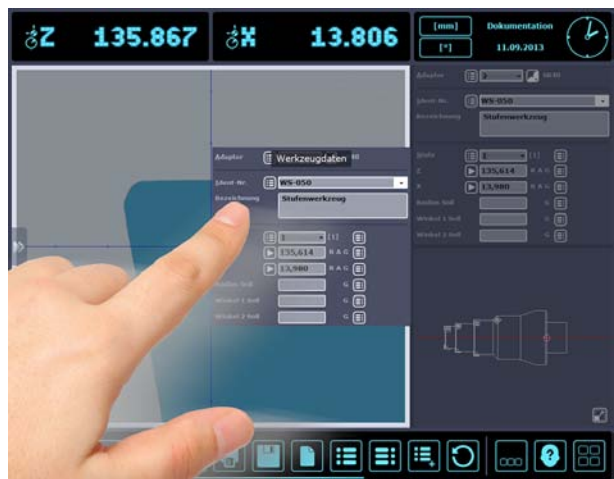


Uncomplicated and user-specific view switching of the display dialogs on the main screen

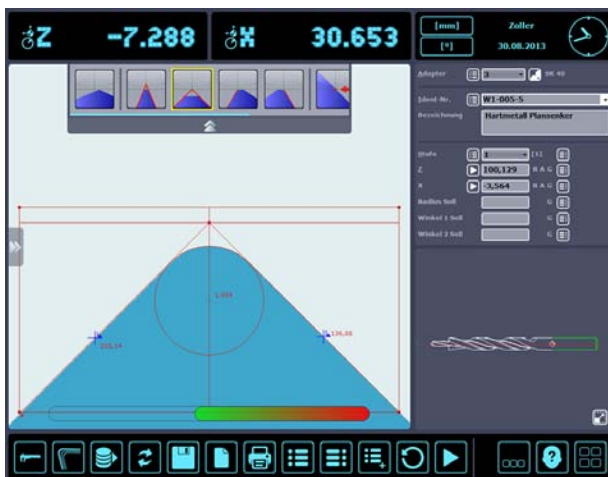
## Product Highlights



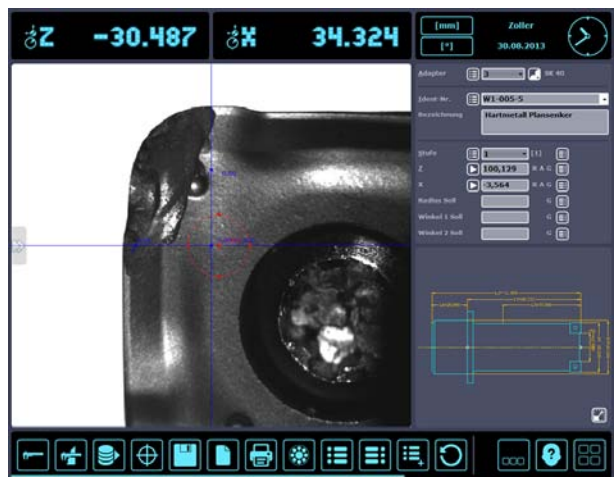
Slide Function - Quick switching to different software functions



Drag-and-Drop Function - Uncomplicated and user-specific view switching of the display dialogs on the main screen



Automatic recognition of cutting edge shape and measuring range with more than 100 different shapes



Projector function and cutting edge inspection for test of wear and measuring of cutting edge indentations

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## Product Highlights



Navigation system »compass« for a quick and comfortable axis adjustment for nominal positioning



Standard programs for special measuring jobs with a clearly arranged display of tool parameters and input fields



Graphic management for a quick and safe tool selection



Graphical and operator-friendly adapter management

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## Measuring Programs



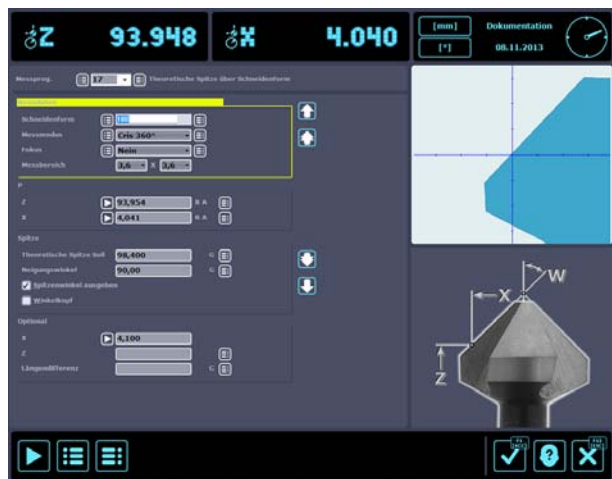
Measuring program overview



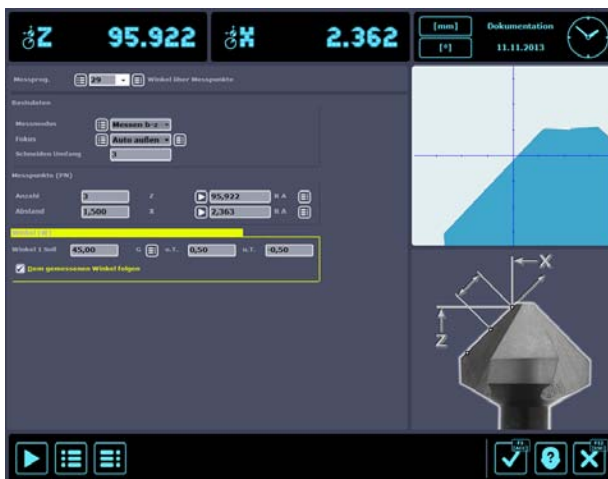
Measuring Program 0: Default measuring in transmitted light  
All measurements are automatically carried out with the selected edge shape.



Measuring Program 12: Oversize Radii  
This measuring program covers large radii along with the tolerances assigned to them.



Measuring Program 17: Theoretical tip by edge shape  
This program measures the theoretical tip of a tool by prolonging the cutting edges up to their theoretical intersection.



Measuring Program 29: Angle by measuring points  
This program measures any angle on the tool cutting edge.



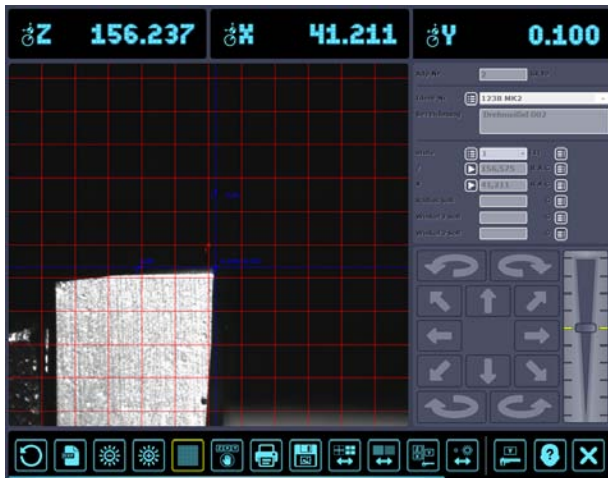
Measuring Program 31: Theoretical circle center by measuring points  
By defining a number of measuring points on the cutting edge you can use this program for concave/convex tools to find out their theoretical circle center and radii.

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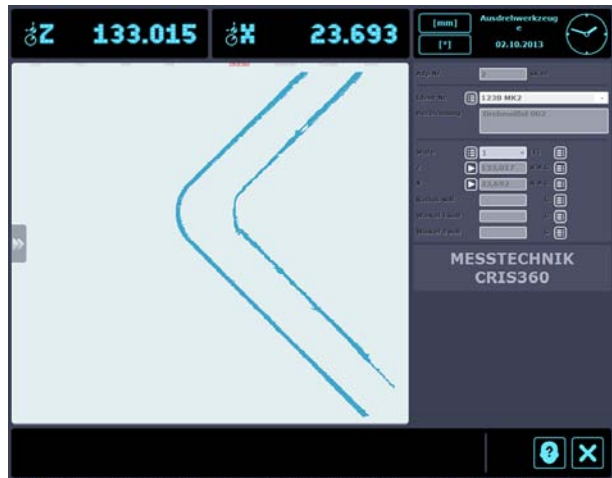


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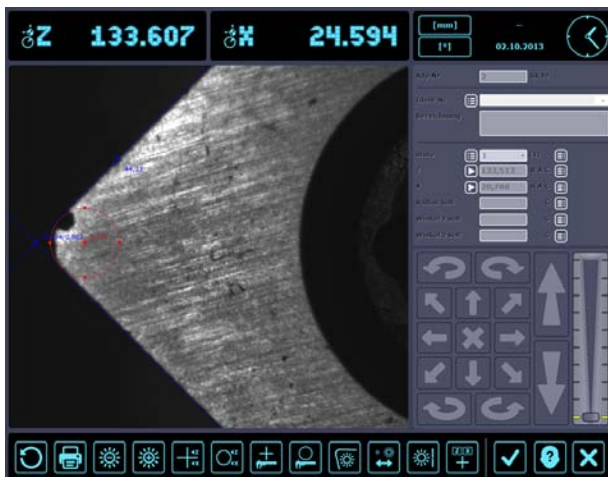
## Measuring Programs



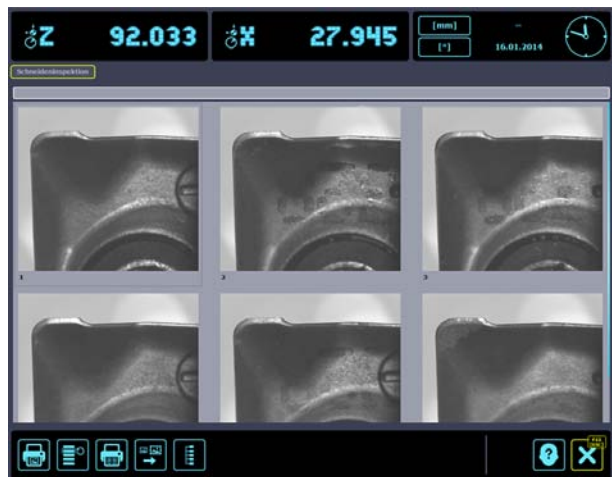
Centre height measuring device »inScreen« The center height is measured contactless via a second incident light camera and the offset of the cutting edge is determined in Y.



Measuring program »cris«, an innovative method for measuring the effective cutting area of rotationally symmetrical tools. Corresponds to the distortion-free dimensions, which the tool creates in the material during production.



Cutting edge inspection, indentations and signs of wear can be detected in time via the live image for right-hand cutting tools.



»aec« auto-edge-check Automatic imaging of several cutting edges under incident light for tool inspection

## Data Output



Data Output incl. Format Generator, the actual data of the measured tools are displayed control-specifically on the monitor for data output

## Interfaces



Tool Management, This function allows you to integrate your ZOLLER presetter/measuring machine with myTouch operating technology »pilot 2 mT« into ZOLLER TMS Tool Management Solutions. This way you can manage all your tools in a single, central database.

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