



»hyperion«

the universal presetter and measuring machine for use with turning machines

Whether you want to preset and measure tools for lathes, machining centers or milling centers - the ZOLLER »hyperion« is a single measuring machine that covers almost all of your different tool holding requirements. A wide range of tool holding fixtures is mounted on a turret table allowing for quick and easy access. No matter if you choose the manual or the CNC-driven »hyperion«, with this device you decide on the ultimate model in flexibility and immediately benefit from a significant productivity increase thanks to 100 % prepared and inspected tools.

Features Detail:

- › ZOLLER image processing »pilot«
- › Ergonomic operating elements
- › Consistent use of brand-name products
- › Robust and able to withstand shop floor conditions
- › Membrane keyboard for power-operated spindle clamping and spindle braking
- › Versatile adaptation to your production
- › Turret table
- › Swivelling device
- › Autofocus and rotary encoder
- › Second monitor

Technical data

	»hyperion 300«	»hyperion 500/400«	»hyperion 500/500«	»hyperion 700«
Measuring range Z	350 mm	500 mm	500 mm	700 mm
Measuring range X	300 mm	400 mm	500 mm	500 mm
Swivel range Ø	300 mm	480 mm	480 mm	480 mm

Three different turret table sizes available

Note:

By using adapters and tool posts the quoted measuring range may vary.

Software

Your added value

»pilot 3.0«

Prepared quickly and easily for any requirement

- › For both manual and CNC controlled presetting and measuring machines
- › For both small and large manufacturing needs
- › Conveniently and quickly preset, measure, inspect, and manage cutting tools of all kinds.
- › Transmit data via machine connections and interfaces to third party systems
- › Modular design for maximum flexibility



Data output tailored to your control technology

ZOLLER offers connections of more than 100 different machine-readable output formats here. Manual entries are no longer necessary, since the data is directly available for the specific machine controller.

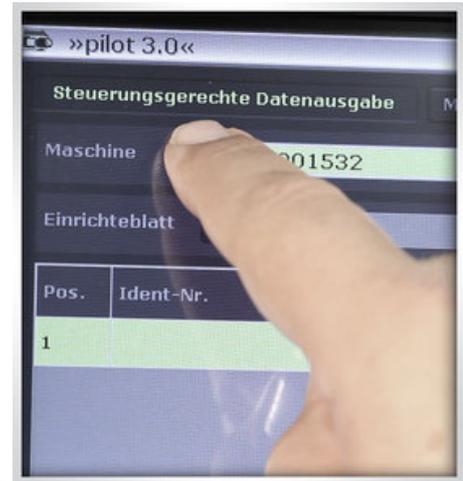
The following options are available for data output:

Measured tool data is printed onto a label used to identify the measured tool. Data can then be read out again with a scanner.

Alternatively, data can be stored on a chip in the tool holder with ZOLLER tool identification, then read later by the machine controller.

The most secure and most convenient data transmission option uses the DNC network. In this option, tool data is sent directly from the presetting and measuring machine to the machine controller.

- › One presetter and measuring machine for different tool holding fixtures - customized to your production needs
- › The ZOLLER image processing »pilot« - fast, intuitive, unequalled by the competition
- › Comfortable and reliable presetting of turning tools on center height



You are interested in »hyperion« ?

Then you may be interested in following too:



ZOLLER
»pilot 3.0«
Intelligent machine
control



The ZOLLER
»venturion«
The modular premium
class