

NEW

ZOLLER Presetting and Measuring Machines

»hyperion 300/500/700 pilot 3.0«

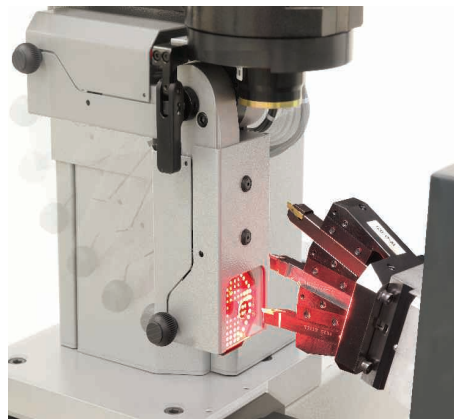
The new ZOLLER »hyperion 300/500/700« machines are ideally suited for fast measuring and presetting of turning, milling and drilling tools for single and multi-spindle machines.



Presetting and Measuring Machine »hyperion 700« with ZOLLER »cockpit«



Customize the ergonomic design to your production needs



Swivelling center height camera »inScreen«

hyp300-700

The new ZOLLER machines of the »hyperion 300/500/700« series are ideally suited to measure and preset turning, milling and drilling tools – both for single and multi-spindle machines. They are available for three measuring ranges and turret table types. The software equipment too is customized to your specific needs. From the first power-on you start saving money with ZOLLER »hyperion« thanks to an substantial increase in productivity with tools fully preset and checked.

The »hyperion« series is available with manual micro adjustment or NC axes both of which guarantee for fast, precise, and reliable positions when measuring and presetting. You can opt for a ZOLLER center height camera which comes with an additional CCD incident light camera for contact-free, exact measuring and presetting of the cutter's center height.

Benefit from the $\pm 90^\circ$ range of the swivelling unit for precise scanning of almost any cutter position. In addition, ZOLLER Optics adjustment* with its travel range of ± 50 mm will easily measure turning tools with a center offset in the Y axis.

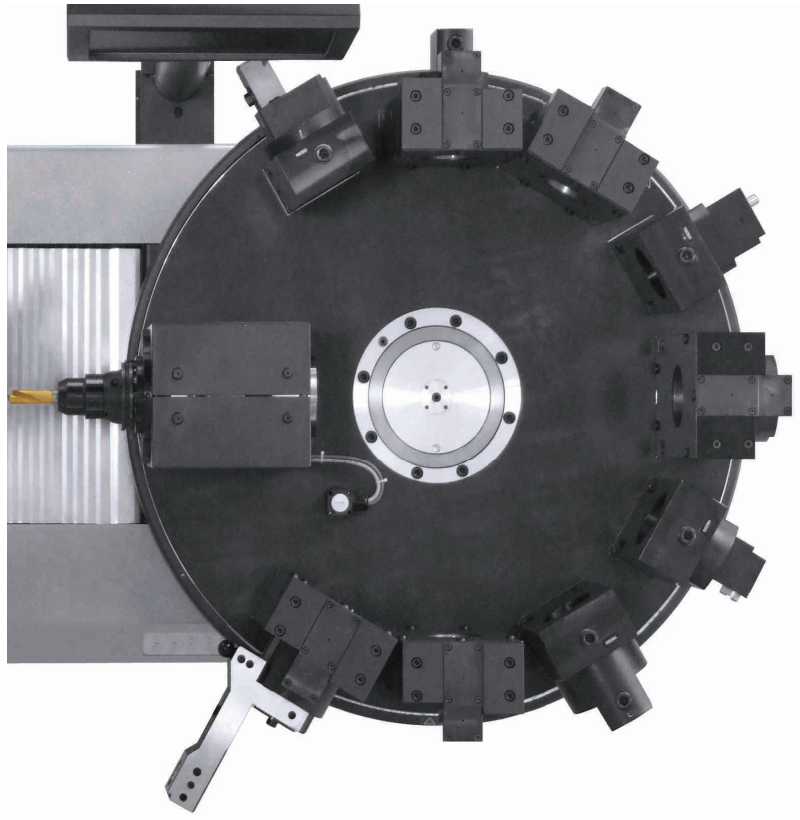
Highlights:

- Swivelling center height camera*
- Fully adapts to your productions needs due to a modular design and ergonomic operating elements
- ZOLLER image processing technology »pilot 3.0«
- robust, shopfloor-proof layout
- Top-quality components used throughout
- Membrane keyboard for easy operation, power-operated spindle brake and spindle indexing
- Turret table in three different size (see next page 2)*
- Spindle with autofocus* and ROD encoder*
- Additional monitor (17" TFT onitor) for ergonomic and fast presetting of your tools
- Special fixtures for TRAUB TNL 18 tools*

*Option

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hyp300-700



All ZOLLER turret tables share a robust, shopfloor-proof modular design.

Not all turret table are the same!

Turret tables from ZOLLER are based on a sophisticated design to ensure maximum stability no matter what type of tool weight they are used with. They rotate smoothly and without a dead stop at 360° to the position in which they are clamped measured and preset. Pneumatic and electronic elements latch automatically; the table is lifted/lowered pneumatically, lowering is controlled both electronically and mechanically and also displayed visually.

Turret tables from ZOLLER are available with as many locations for tool fixtures as you need them. Choose between 4, 6, 8 and 12 compartments and a huge variety of fixtures.

ZOLLER turret table also have a second loading unit for heavy and large tools can be lifted and inserted ergonomically from the front-side and then manually rotated to their measuring position.

Turret table types and sample configurations:

- Configuration D450 – 4 compartments:
Universal fixture HGH-UZ, basic holding fixtures GA and GA-PP for VDI 25 and VDI 30. Pneumatic basic holding fixture GA-PP for quick changing and clamping of adapters
- Configuration D745 – 8 compartments:
Universal fixtures HGH-UZ, basic holding fixtures for GA and GA-PP for VDI 25 and VDI 30.
- Configuration D900 – 12 compartments:
Universal fixture HGH-UZ, basic fixtures GA for Traub VDI 30, Traub TNL18, Star SV 20/32, Göltenbott GWS, Schütte AE 187/400

