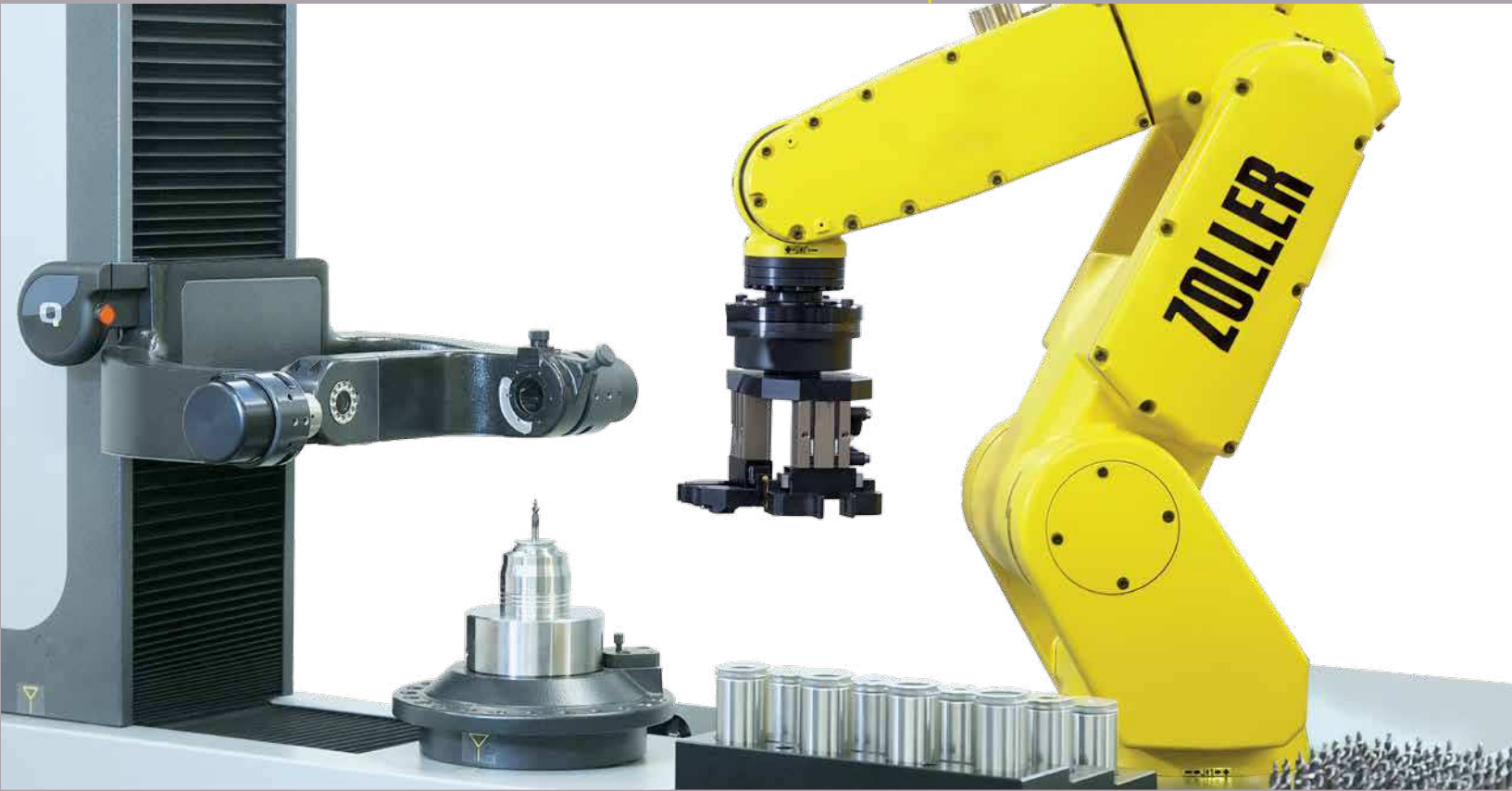


Fully automatic unmanned measurement of tools
ZOLLER »roboSet«

The ZOLLER
solution
for companies
with high tool
throughput levels



Efficient automation solution ZOLLER »roboSet«

With the »roboSet«, ZOLLER offers an ingenious automation solution for companies with high tool throughput levels. »roboSet« loads your ZOLLER measuring device right around the clock in unmanned mode, requiring no personnel. That means that even complex measuring tasks can be processed in a fully automatic way, and 100% inspection is guaranteed.

»roboSet« can load shafted tools onto every ZOLLER CNC-controlled measuring device with automatic power clamping and is easy to operate: press the "Start" button in the pilot software and automatic operation commences. The ZOLLER »roboSet« delivers great process reliability through automatic track correction of the robot at every chuck-loading operation. In addition, physical separation from the measuring device assures the highest standards of measuring accuracy.



Extremely easy to operate



- Using a 'pallet administration' facility incorporated in ZOLLER's »pilot 3.0« software, loading configuration and parameters are defined. That means that all tools can be measured without further user input, and customer-specific pallets can be defined.

Automatic assignment



- On completion of the measuring process, defective tools have already been sorted out from the good tools. Measuring values for the individual tools are stored in »pilot 3.0« and can be sourced and issued when required.

Your benefits

- Enormous time savings
- Standardized measuring procedure
- Logging of measuring results
- Automatic sorting function
- High process safety
- 100% inspection

This results in higher productivity!

The loader robot is placed on a separate delivery unit next to the ZOLLER measuring device.

This loading unit is separated mechanically from the measuring device. That prevents it from exerting any influence on the measuring process.

Access to the measuring device and loading unit is prevented by a protective housing.

The ZOLLER »roboSet«

- Six-axis articulated arm robot
- Sensor with exceptionally sensitive force-moment strain gage
- Two pneumatic parallel grippers with D 3-12mm

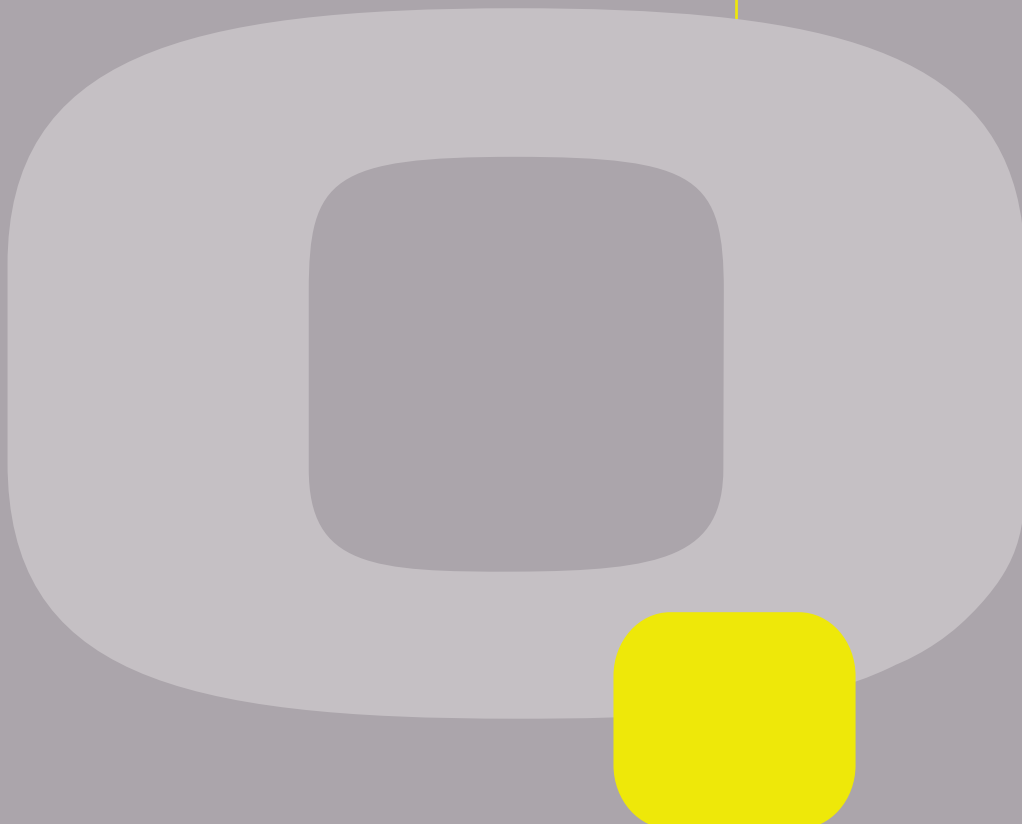
ZOLLER measuring device with autofocus, CNC control unit, »pilot 3.0« and »ace« spindle with Hydrodehn D32 mm tool post.



Technical data

	Operating range	Accuracy	Ultimate load	Working surface	Number of pallets	Heights	Setup unit depth	Setup unit width
»roboSet«	700 mm	±0.02 mm	5 kg	950×350 mm	3	~2 m	~1m	~1.5 m

Subject to technical changes. The illustrated machines may include options, accessories and control variants.



» ZOLLER gives you superiority.

» Healthy, family-owned business in its third generation with facilities worldwide.

» ZOLLER has the know-how in development, distribution and service.

» Since 1968 more than 28,000 presetting and measuring machines as well as tool measuring machines with worldwide unrivaled software solutions have been sold.

» ZOLLER is at your service – worldwide.

» Set positive signals with ZOLLER.



The ZOLLER seal of quality guarantees quality and precision, reliability and cost effectiveness. That is what ZOLLER stands for.



The ZOLLER seal of technology stands for highest innovation power. With ZOLLER you are always that decisive step ahead of your competitors.

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