

Date: 01.10.2018

More precision in the setting room

Many companies rely on MAPAL when it comes to evaluating processes and reducing running production costs. In addition to the complete range of precision tools, MAPAL focuses on the setting room in order to increase productivity with powerful and innovative setting and measuring devices, among other things. Because only precisely measured and set tools achieve reliable and precise results and reduce machine downtimes.

The right level of service for presetting devices will increase the productivity

Markus Jakob, Team Leader Customer Service Mechatronical Systems, explains:

"Maintenance and calibration procedures do not only increase the service life of the device, but also consistently improve precision and process reliability to the level of a new device. Given the importance of the setting fixture in the production process, regular service is a logical consequence."

MAPAL has therefore evaluated the complete service area for all aspects of the setting fixtures. The newly defined service packages are now presented to customers in a personal conversation and tailored to their specific needs.

"We want to take a much more active approach to the service area for setting fixtures worldwide," emphasises Jakob. "We explain the advantages of a preventive service to our customers in detail. In order to not only offer the quality of customer service, but also to be able to supply it, we are currently conducting intensive training courses for our service technicians in addition to building up personnel capacities." The services are divided into two categories: "Creating precision" and "Ensuring precision".

Fast operational readiness: Creating precision

In order to be able to use a new setting fixture productively as quickly as possible, various preparatory work must be carried out, which MAPAL specialists can easily undertake. The commissioning of hardware and software

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components is top priority. The connection and alignment of the device are as much a part of the service as the definition and reporting of measurement and setting data and basic instructions for the users. The measuring instrument capability test provides a guarantee and certainty regarding the required precision and tolerances to be complied with. Existing tools and corresponding measurement programs can also be created by MAPAL employees to accelerate the availability and use of the setting fixture. Finally, MAPAL offers training and further education for various target groups and requirements in order to ensure efficient work.

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Lasting process capability: Ensuring precision

To ensure precision during operation, service modules have also been defined for this area. During annual maintenance or calibration of the setting fixture, all relevant features are carefully checked and calibrated; wear parts get replaced and software updates are carried out. Time can be saved by optimising the measuring programs. MAPAL employees provide support with know-how, update the factory data and install new tools. The modernisation of setting fixtures also contributes to lasting process reliability.

Setting fixtures from MAPAL have a largely modular design and can be modernised by re-tooling. This ensures that the state of the art is always available. With the expanded capacities in technical support for setting fixtures, maintenance can be performed without complication as a response to user questions both on site and remotely by telephone.

MAPAL provides the right setting

Setting fixtures must ensure reliability, high manufacturing quality and exact tolerances around the clock in order to guarantee reliable production.

MAPAL's services, which will be presented at AMB 2018, stand for sustained precision, full functionality and safe handling of the fixture by the customers' employees.

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Captions:

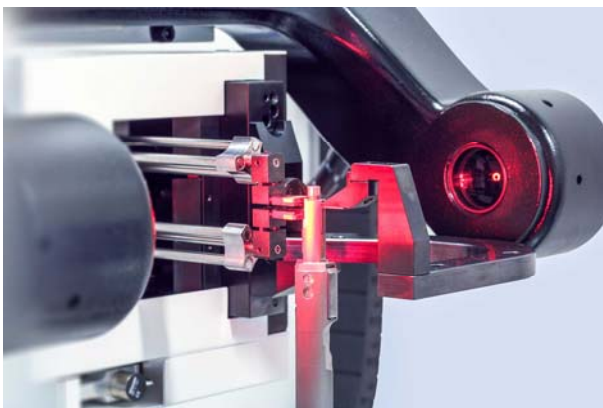


From commissioning and training on-site to regular preventive maintenance and servicing, MAPAL is on hand with tailor-made services.

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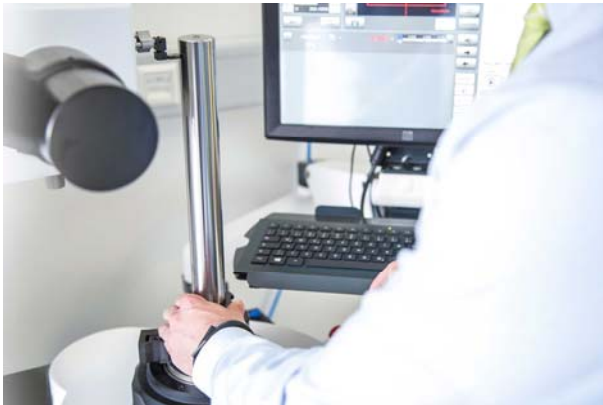
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The setting fixture is commissioned by qualified MAPAL employees to ensure that the setting fixture is fully functional and usable in the shortest possible time.

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The measuring equipment capability test uses various common methods to prove that the setting fixture measures tools within the desired tolerance.

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The setting fixture ensures high production quality and exact tolerances.

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