

September 2021

Swiss Rotary Table Technology

## NEWSLETTER

# Flexibility and quick conversion



Thanks to zero point clamping, the pL LEHMANN rotary table can be converted in just a few minutes. Photo: pL LEHMANN

## Minimize setup times, maximize production time – produce even small batches efficiently and cost-effectively

**The batch sizes are becoming smaller and the number of variants larger. With a zero-point clamping system on the machine table, the machinist is equipped for quick conversion. No realignment and adjustment – in just a few minutes the machine is ready for the new machining situation. Such zero-point clamping systems are particularly efficient in combination with the CNC rotary tables from pL LEHMANN.**

pL LEHMANN rotary tables are CNC-controlled rotary axes that are usually mounted on machining centers, grinding, EDM, measuring, engraving and laser machines. They turn inexpensive standard machine tools into high-performance four- or five-axis production systems. The modular pL concept opens

up almost unlimited possibilities. EA-type rotary tables (4th axis) and T- type rotary tables (4th/5th axis) are available in various sizes and performance classes, each of which can be supplemented with a tailstock or counter bearing.

All rotary tables from pL LEHMANN, CH-Bärau, can be supplemented with a zero-point clamping system – whether it is pL's own ripas system or another commercially available clamping system, such as those from Gressel (gredoc), Schunk (Vero-S), Lang (Quick-Point) or other suppliers. This enables the user to react quickly and cost-effectively to changes and to convert his production system to new requirements in just ten to 15 minutes.

## CNC rotary tables with Swiss quality

Founded in 1960 strictly as a contract manufacturer, pL LEHMANN has been developing and producing CNC rotary tables for over 40 years. With innovations and Swiss quality, the family-owned company in the Swiss town of Bärau (Emmental) succeeded in opening up new opportunities for its customers and developing lean machining solutions characterized by high productivity through use of additional NC axes. One of the highlights of the company's history is the powerful and flexible Series 500 – developed in 2009 – which is ideal for the most demanding tasks thanks to its modular design. With the backlash-free, preloaded PGD gear unit – developed in 2014 – pL LEHMANN reached another milestone. In 2017, the company introduced, among other things, the new pL iBox generation, making their rotary tables ready for Industry 4.0 and digital production. This was followed in 2019 by the introduction of the 900 DD (Direct Drive) series of rotary tables with speeds of up to 5,450 rpm. As an additional new product, the AM-LOCK system, a special zero-point clamping system for 3-D printing, including preprocessing and postprocessing, was presented in 2019. As a highlight at EMO 2021, the product range will be expanded – with a compact indoor automation system for unmanned production and the new MT series for measurement applications on the shop floor.

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