

History

pL LEHMANN — a family-run business since 1960



The former site of a farmhouse - today primarily an office building with reception area.

- **1960:** Start as a pure toll manufacturing company
- **1970** (approx.): Start of development of the first direct HUST 152 dividing / indexing head
- **1974:** Development of the first HUST 160 CNC rotary table
- **1985:** Replacement of the HUST types with the newly developed 400 series
- **2000:** Start of development of the 700/800 series with direct drive system
- **2009:** Start of development of the new 500 series / gradual replacement of the 400 series
- **2010:** Gradual termination of production of the 400/700/800 series
- **2011:** Introduction of Lean Production
- **2013:** Development of the HS (5xx +1) high-speed series
- **2014:** Development of the PGD - the backlash-free preloaded pL gear unit

PRODUCTION

High vertical range of manufacture provides flexibility and quality

High vertical range of manufacture

The parts to be produced are almost exclusively manufactured with our own machinery. This helps us to achieve a vertical range of manufacture of more than 90 %. The parts are assembled almost 100 % in our factory.

Core expertise with tradition

During the first years following its foundation, pL LEHMANN was a pure toll manufacturing company for mechanical production components. Until today, this has remained a core expertise of pL LEHMANN. Quality, productivity and short cycle times with a high vertical range of manufacture.



CNC machining

Vertical turning / milling centers, horizontal and vertical machining centers of different manufacturers. Cycle production, unmanned shift, CAM and tool management allow a high level of productivity and consistent quality.

CNC grinding

High-precision cylindrical and surface grinding machines for accuracies in the micrometer range.

Thus, concentricities and degrees of axial runout of 0.002 mm, for instance, are possible on the completed rotary table.

Cycle assembly

Short cycle times with a high process stability at the same time ensure very short periods of delivery throughout the entire range of products.



[With pallet pool for unmanned production](#)



[Assembly islands with Kanban systems](#)



[Cylindrical and surface grinding with high precision](#)



Setting up spare parts packages efficiently



For immediate shipment - shortest possible delivery times



Continuous material supply...



Devices, tools, measuring equipment



[With pallet pool for unmanned production](#)



Secret...

QUALITY AND PRECISION

pL precision with systematic quality

Principle

"The right processes automatically lead to the desired results" - quality is the logical consequence. Precision, however, is a daily challenge; it is produced, measured and registered.



pL quality system

- Standardized modular system
- Product development only with systematic verification (e.g. 5W)
- Standardized processes from A to Z
- Material flow (e.g. FIFO, KANBAN)
- Traceability
- Online documentation
- Coherent complaint management
- Continuous improvement (KAIZEN)
- Personnel training / further education
- Maintenance / service (e.g. measuring and test equipment, machines)



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Measuring a housing on a 3D measuring machine



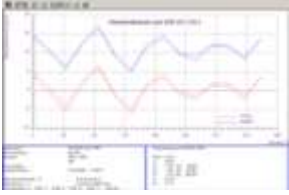
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Measuring a T rotary table with a cube



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Measuring a T rotary table on a 3D measuring machine



- Indexing accuracy report according to ISO 230-2 or VDI/DGQ 3441



- Measuring the indexing accuracy - fully automatic