

Precise Metal Production

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Your specialist in precise metalworkingPrecise Metal Production GmbH & Co. KG 77736 Zell a. H. Since 1986, we have been a reliable and trusted partner for precision metalworking, including CNC turning, CNC milling, CNC grinding, CNC gear cutting, and laser marking. We are passionate about producing high-precision metal parts and assemblies for our customers, which have proven their worth worldwide – our name is a commitment.

Our Ambition Is Your Satisfaction? As a specialist in precise metalworking, we strive to meet all requirements reliably, with the highest quality, and on time. This makes us a trusted partner for our customers in drive technology, mechanical and plant engineering, as well as in the automotive and commercial vehicle industries. Repeated certifications according to ISO 9001, as well as processes aligned with the ISO/TS 16949 standards, convincingly demonstrate our commitment to quality and the environment. We manufacture precise turned parts,

(turned) milled parts, and ground parts in both small and large series, combining high innovation with technical expertise – see for yourself!

Services Turning

With a total of 16 CNC-controlled lathes (including some double-spindle automatic lathes) in both bar and chuck machining, we cover the entire range of machining processes.

Milling

With a high-precision and highly efficient milling-turning center featuring a 76-tool magazine and a 12-station turret, as well as multi-axis turning centers with 1 to 3 turrets and 1 to 3 Y-axes, we are able to manufacture high-precision (turned) milled parts.

Grinding

Our modern machinery enables us to perform a wide range of grinding operations, including: External cylindrical grinding / Internal cylindrical grinding / Surface grinding, and produce high-precision grinding parts – using active cooling and high-precision measuring technology, among other things.

Gear Cutting

With driven tools, gears of the highest quality are manufactured directly in the (turning) milling process in a single clamping operation.

Laser marking

Our laser marking machine marks surfaces contact-free within a 110×110 mm area, applying text, logos, serial numbers, or graphics (Data Matrix^m, QR codes, barcodes).

Assemblies

As a specialist for precision metal processing, we implement customer

specifications from requirement specifications within the scope of our project management and produce holistic solutions up to complete, also fully assembled or partially assembled assemblies.

Service portfolio - Certified to ISO 9001:2015MachiningFine MachiningMechanical assembly of componentsLaser MarkingSurface TreatmentParts Handling

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