

MACHINING WITH PASSION

Your partner for precise machining technology

Since 1958, we have been a family-run company that stands for the highest precision and quality in contract manufacturing. Whether small or large series - we use the latest CNC turning, milling and grinding machines on over 5,000 m² of production space to precisely implement your individual requirements.

As a certified company according to DIN EN ISO 9001 and DIN EN ISO 14001, we guarantee the highest quality standards while taking sustainability into account.


With tailor-made solutions, we support you from the idea to the finished product - precisely, on time and reliably.



Our company



Company

Machining with passion and heart in East Westphalia since 1958 



Machining

CNC turning, CNC milling and CNC grinding on 5000 sqm production area



Materials

Aluminum, tempered steels, hardened steels, stainless steels, cast iron and much more



Our team

Our dedicated team of 80 employees produces with passion and precision



EVERYTHING REVOLVES AROUND YOUR REQUIREMENTS

For us, CNC turning stands for the highest precision and efficiency. With 16 modern lathes, we are able to precisely manufacture workpieces with a diameter of up to 400 mm and a length of 1,000 mm.

Our decades of experience cover all areas, from the production of hollow and solid shafts to prototypes, small series and series.

Your advantage: Perfect dimensional accuracy, maximum quality and on-time delivery – all from a single source.



WE MILL YOUR IDEAS INTO SHAPE

With our modern machinery, we offer you maximum precision and flexibility in CNC milling. Our equipment includes:

- 4 vertical 5-axis CNC milling machines for highly complex components
- 2 vertical CNC milling machines for versatile standard machining
- 10 horizontal CNC milling machines for efficient series production

We machine components with dimensions up to X3,000 mm x Y800 mm x Z1,000 mm (vertical) and X810 mm x Y800 mm x Z1,000 mm (horizontal).

When producing everything from prototypes to large series, our customers in the drive, agricultural, pump, surface or connection industries benefit from our precise solutions.



WE GIVE YOUR COMPONENTS THE FINISHING TOUCH

Whether perfect surfaces or the highest dimensional accuracy – CNC grinding and honing are indispensable processes in the production of sophisticated components.

With 4 CNC grinding machines and a CNC surface grinding machine, we process workpieces with a diameter of up to 300 mm and a length of up to 1,000 mm.

We master:

- external cylindrical grinding
- internal cylindrical grinding
- surface grinding
- cross loops
- balancing

With cross grinding, we ensure optimal surfaces and fits. With 3 honing machines, we process inner diameters of up to 120 mm and lengths of up to 500 mm – ideal for components with the highest precision.

ZERO TOLERANCE FOR PRECISION

Precision is our promise – and that starts with uncompromising quality assurance.

We use the latest measuring technology to ensure that every component meets the highest requirements.

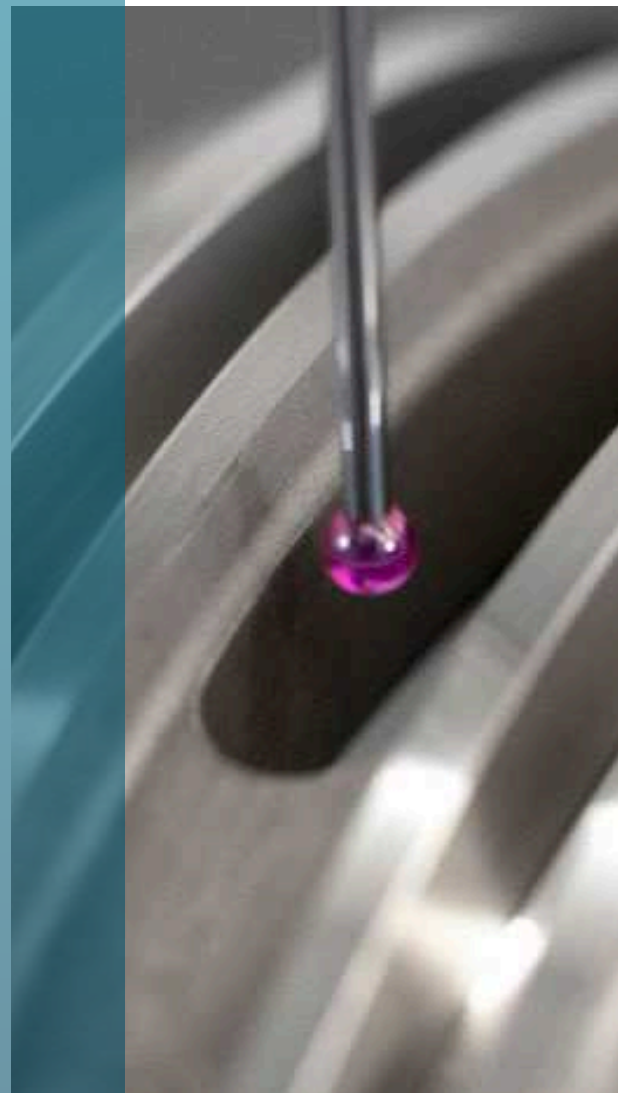
High-end measuring technology for maximum precision Our quality assurance includes an extensive portfolio of measuring instruments that enable precise testing at all stages of production:

Three Wenzel 3D coordinate measuring machines for high-precision geometric testing.

- Shaft measuring device for detailed analysis of rotationally symmetrical components.
- Contourograph for the precise recording of surface contours and microstructures.
- Spectral analyses during incoming goods inspection to check the chemical composition of the materials and guarantee the highest material quality.

Quality you can rely on

Our consistent quality control ensures that every workpiece is manufactured exactly according to customer requirements. With the latest technology and decades of experience, we guarantee dimensional accuracy, repeatability and the highest level of process reliability – from material testing to the final end product.



YOUR REQUIREMENTS ARE OUR BENCHMARK

In today's economy, every minute counts - that's why you need a partner you can rely on. Hellbeck stands for the highest quality and smooth processes so that you don't have to deal with faulty components or unnecessary extra work.

Our consistent quality assurance has also been recognized by our customers. CLAAS KGaA mbH from Harsewinkel has named us "Supplier of the Year 2022" in the area of quality - proof of our consistent quality management.



INTERESTED?



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**MAKE A NON-BINDING
INQUIRY NOW**