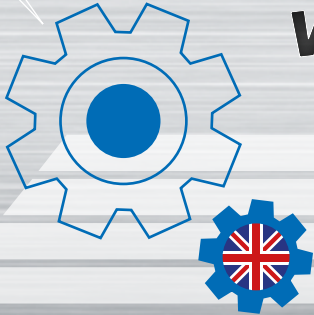




# WE STAND FOR **QUALITY** & **COMPETENCE!**



Custom-made products

Sinker EDM • Wire cutting

CNC machining • Lathing & Milling

3D-printing • Prototype construction

# COMPANY PROFILE

*From the idea to the finished product, we are your solution for the complete process.*

High-tech from Ahrensburg, LFK Werkzeug- und Maschinenfertigung GmbH, a historical company with advanced technology and over 70 years of experiences.

The company has its origins in the company founded in 1949 Lenk Werkzeug- und Maschinenbau. Within the last few years the production floors were constantly extended. We are now able to manufacture on an area of 2075 m<sup>2</sup>.

We are a traditional grown company for tools and



mechanical engineering with an experienced staff. Thanks to our know-how and reliability we are a wellknown ancillary company and service provider for a wide range of branches.

We are your service partner for the innovative development and manufacturing for mechanical engineering, the aerospace and automobile industry as well as for toolmaking.

Our 25 employees are best trained for your orders. We also make sure to train the next generation of precision machinists and always have one, if not two, apprentices.



# OUR SERVICE PORTFOLIO

We devote our full attention to your orders. We offer the best quality and accuracy from designing to completing the product.

Aside from the common production methods, we are specialised in prototype production and additive manufacturing with SLM technology (**selective laser melting**). The 3D-printing of metal is the technology of the future for prototypes, small batch productions and complex parts made from 3D-data.

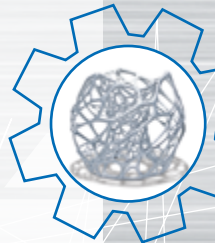
3D scanning in relation to additive manufacturing is another speciality of our company.



Our vast service portfolio consists of:

- ▶ CNC machining
- ▶ Milling
- ▶ Grinding
- ▶ Wire cutting
- ▶ Mechanical construction
- ▶ Custom-made products
- ▶ Component construction
- ▶ Prototype construction
- ▶ Additive manufacturing/3D-printing
- ▶ Lathing
- ▶ Drilling
- ▶ Sinker EDM
- ▶ Honing
- ▶ Repairs
- ▶ Toolmaking
- ▶ Engineering
- ▶ 3D scanning

If needed, we deliver your products with inspection or measurement reports.



# OUR MACHINERY



*CNC lathe*

- ▶ max. Ø 370 mm
- ▶ travel length in Z 1250 mm



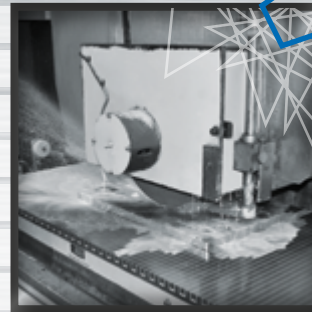
*Universal Milling Machine*

- ▶ max. 3000 x 800 x 600 mm



*High-Speed Milling Machine*

- ▶ max. 700 x 550 x 450 mm

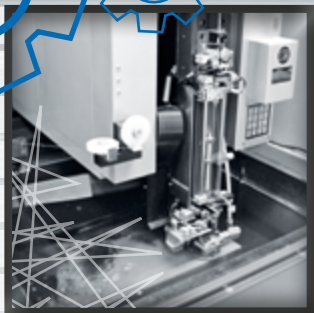


*Profile Grinding Machine*

- ▶ max. 1500 x 700 x 600 mm

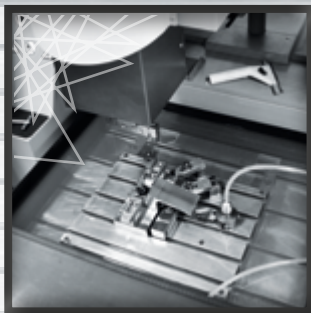
*Cylindrical Grinding Machine*

- ▶ max. Ø340 mm, L = 800 mm



### Wire Cutting

- ▶ max. 750 x 500 x 600 mm



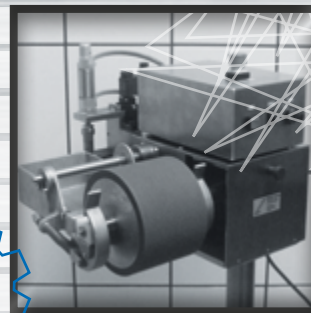
### Sinker EDM

- ▶ max. 525 x 400 x 450 mm
- ▶ 360° turn



### Additive Manufacturing (3D printing)

- ▶ max. 500 x 280 x 350 mm



### Own product

- ▶ glue applicator type BK





We are available for consulting talks and any questions any time. We are looking forward to supporting you - even before the start of the development processes.

You can find everything from designing to preparation and manufacturing to post-processing under our umbrella. We are your competent service provider with decades of experiences.

## CONTACT US!

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