

**A.S.T. - Angewandte System Technik GmbH, Mess- und Regeltechnik** in Dresden is a leading company in the field of force measurement and sensor technology. Core activities are the development, production and distribution of force sensors, load cells and system technology. The location is supplemented by the business and production areas electronics and mechanics, which realize both internal orders and external customer orders - from development and construction to series production.



### **Mechanical manufacturing - your reliable partner**

Mechanical manufacturing at A.S.T. is specialized on chip-removal machining using the latest CNC lathes and milling centers. In addition to prefabrication for force-measurement and weighing technology, our manufacturing technologies and assembly services are used by numerous partners.

### **Quality sets standards**

Our aim is to always make things better. To this end, we offer a functioning QA management system and a company philosophy in which every employee embodies this claim. A.S.T. is certified according to ISO 9001:2000 and fulfils all requirements of a modern QM system.



Management System  
ISO 9001:2008

www.tuv.com  
ID 0910075027

The mechanical production of A.S.T. stands for adherence to delivery dates, highest quality and flexibility Made in Germany..

## Conception and construction

We take over the conception and construction of new products, the production of samples and series production on schedule as well as the assembly of complex mechanical assemblies for you.

## CNC manufacturing

On the basis of our modern CNC lathing and milling centres in combination with the technical know-how of our highly qualified and experienced specialists, we guarantee you high-quality and on-schedule production.

## Inspection and shipping

Professional quality assurance takes place at the end of every production process. Our modern measuring machines guarantee the highest quality for the final inspection. The goods are dispatched to you as our customer or, if necessary, to your end customer.

## Our services

We offer you a modern machine park with computer-controlled machines and machining centres, combined with conventional machines in the following areas

- CNC lathing and milling
- 5-axis simultaneous milling
- Lathing with milling option, driven tools and Y-axis
- Conventional lathing and milling
- Surface grinding
- Wet vibratory finishing
- Assembly

## Gain an insight into our machinery:

### CNC milling technology

Hermle C42 with robotic cell  
5-axis machining, zero-point clamping system

DECKEL-MAHO, DMU80T  
dividing head + tailstock

Hermle C 40 U  
reversible clamping device + tailstock

Hermle C 40 Dynamik  
5-axis machining, zero point system

Hermle C 20 U  
reversible clamping device + tailstock

### CNC lathe technology

DMG MORI CTX beta 1250 TC  
C-axis, Y-axis, power-driven tools

DMG Mori ecoTurn 450  
power-driven tools

MAZAK Quick Turn Nexus 200 II MY  
C-axis, Y-axis, power-driven tools

DMG CTX 310 V6  
Barfeeder, C-axis, Y-axis, power-driven tools, work on the reverse side

DMG CTX alpha 300  
Short loader, A-axis, Y-axis, power-driven tools



Impeller  
5-axis simultaneous milling



Frame made of solid material  
5-axis milling



Aluminium clamping jaws



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