



HEDELIUS Managing Director Dennis Hempelmann and the Managing Directors of Wendt Maschinenbau, Valeska Hurtzig and Michael Wendt (from the left) in front of the HEDELIUS swivel-spindle machining centre BAZ T7 4200.

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The city of Georgsmarienhütte is named after the steel company based there that was created from the mining site. In one of the former industrial halls of the Georgsmarienhütte mining vehicles, special machines and medical technology are manufactured today among other things. Here and in another location, **Wendt Maschinenbau GmbH & Co. KG manufactures a wide range of parts, machines, steel constructions and mechanisms on order from customers.**

Since its founding in 1992 with four employees, it has become a family company with 110 employees, fourteen of whom are trainees. Wendt does not only produce much of the machine parts, special machines, steel constructions and equipment, but also plans, builds, and later assembles and maintains them for the Customer. Full support that has already been used by companies from very different industries. “Sometimes we only get the CAD drawing of a part of a machine from customers. From that, we build the necessary mechanisms and integrate it into the production line”, explains Managing Director Michael Wendt. Thus, special machines and conveyor systems are a reference for the assembly of rubber products just as clamping equipment for production lines with welding robots in the automotive industry.

Individual parts and small series

Many of the designs are produced specifically for an application. “Our lot size is one, a series starts with two pieces,” said Wendt smilingly, putting the production situation in a nutshell. “We process 90 percent of all parts in some form, so almost nothing goes out raw.” Almost all workpieces come from our own production, produced among other things using four machining centres from HEDELIUS. “On these machines we manufacture a wide range of workpieces. For us, it is perfect that they can do all this,” said Wendt. On the one hand, high precision is required such as in the case of cutting rollers for the production of paper bags. They are checked several times for any imbalance, because the rotating blades are accelerated to approximately 6 times the speed of sound. On the other hand, massive machine parts for special applications in the automotive industry or larger welding assemblies need to be processed.

Flexible thanks to high performance machining centres

For the very different tasks Wendt Maschinenbau works with various machining centres from HEDELIUS. RS 505 K18 from the RotaSwing series combines

a swivel table for 5-axis machining and a fixed machine table for 3-axis machining in a work area. Designed as a universal production island, it is ideal for very flexible production. So yet another RotaSwing is used in production, beside a HEDELIUS BC 100 with 2500 mm X travel path for 3-axis heavy machining. The BC series impresses with its high performance in heavy-duty cutting, because the main spindle reaches up to 10,000 revolutions per minute with 55 kW drive power. Here, special parts are milled for the punch riveting technology in the automotive industry. The parts are further processed in oscillation mode on the Tiltenta 7 with 4200 mm X travel path, a swivel-spindle machining centre for 5-axis simultaneous machining.

Convinced by the service

“The first machine is sold by sales, the next by service”, clarifies Managing Director Wendt. “We are very satisfied with the HEDELIUS machines, they have a good range. Also, the service staff did a great job.” After all, even the best machine breaks down sometimes. “It is important for me how this is handled. And with Hedelius, you can even call on Friday and get support as soon as possible”.

Wendt Maschinenbau GmbH und Co. KG

Contract manufacturing machines and special machine engineering, workpiece clamping technology

Established: 1992

Company headquarters: Georgsmarienhütte

Employees: 110

HEDELIUS RS 505 K18

HEDELIUS BC 100

HEDELIUS T7 4200