



Endres works on its large machine park with a total of seven HEDELIUS machining centres of the C and BC series.



## Heavy-duty cutting made easy

One of the largest metal processing plants of the region is based in Seligenporten: The toll manufacturing company Endres, founded in 1984, specialized on heavy-duty cutting and long part machining in the early 1990s. With a great deal of expertise and a modern machine park, today the family business is an important supplier of machinery and plant engineering in the Nuremberg region.

Not only the order volume underwent steady growth, but also the components to be processed have gotten bigger, so Endres had to move into a new company building in 2004. From the small business, which was a garage company twenty years earlier, it became a sought-after toll manufacturer with more than 50 employees in a short period of time.

### Bigger and bigger tasks

Now, Endres manufactures mainly individual parts and small series for special machine engineering. The customers also come from energy technology, and often need very large components, for example, for wind power plants. "This is not a problem for us," says production manager Michael Endres. "We have

6000 m<sup>2</sup> production and warehouse facilities with modern machines. We are well-prepared for the machining of large parts." To be able to process these large workpieces efficiently and with precision, the machine park was successively expanded. A total of seven vertical machining centres from HEDELIUS are in service in Seligenportal, on the edge of Upper Palatinate.

### Powerful CNC machines

The HEDELIUS machining centres of the C and BC series, which are used at Endres, were developed for the three and four-axis machining. They are characterized by large travel paths, powerful main spindles and robust machine tables. Another advantage: The working spaces, with the nearly vertical chip shafts, can be easily loaded and unloaded - even with large workpieces. BC 100 is the youngest HEDELIUS machining centre in the production halls of Endres: "This machine fully meets our requirement profile: We need precision, high performance and user-friendly handling", explained Michael Endres. The spindle power of up to 55.0 kW as well as the stability typical of HEDELIUS played a role in choosing BC 100.

### Long-term cooperation

If anyone can assess the reliability of HEDELIUS machining centres it is Michael Endres. His father, now Senior Director Peter Endres, invested in a machining centre of the machine factory from Meppen back in 1998. Since then, six other machines were added. "My father was impressed by the performance and the philosophy of HEDELIUS on-site at the time. At that time, the manufacturer was still completely unknown here in southern Germany," recalled Michael Endres. Nevertheless, the cooperation worked well from the beginning.

## Endres - CNC Zerspanung

A toll manufacturer for metal processing and heavy-duty cutting

Established: 1984

Company headquarters: Seligenporten

Employees: 50

HEDELIUS BC 100

HEDELIUS C 80

HEDELIUS C 60