



In the fish processing machines of the Baader Group stainless steel components are used, which are also manufactured using HEDELIUS machining centres.



HEDELIUS RS605 K Magnum with customized paintwork at BAADER in Lübeck for 5-axis machining of individual parts and small series.

## “We found a nice solution together.”

**The traditional city of Lübeck is an important centre of food processing. Due to its location on the Baltic Sea and Germany’s largest Baltic port it is obvious that the BAADER Group is also a company for machines for fish processing rich in tradition, that has its origins in the Hanseatic City of Hamburg.**

The BAADER Group, which has existed for nearly 100 years, has been family-owned since its founding in 1919 and now employs over 1100 employees worldwide, 500 at the headquarters in Lübeck alone. At the north German site, the emphasis lies clearly on the production of fish processing machines and separators. At other locations around the world machines for poultry processing are also produced and marketed internationally under the brand name LINCO. Another business field is business solutions.

### **A heterogeneous range of parts in small numbers**

In Lübeck, more than 50 basic versions of the fish processing machines are manufactured in a production area of 14,000 m<sup>2</sup> and sold in customized designs. Due to the large number of different basic models, a large number of components is needed,

for the most part only in small quantities. “The average lot size is 10 units, the range of parts is entirely heterogeneous”, said production manager Jörg Schröter, describing the production situation.

Hygiene plays an extremely important role in the food processing machines of BAADER, which begins with the material of the workpieces. Mainly rust-free stainless steel is processed, and to a limited extent, aluminium, brass and plastic. The components must be designed and constructed in such a way that no bacteria can accumulate in uneven surfaces.

### **T7 2600 in use around the clock**

For this challenging production task, three machines from HEDELIUS are used: two combined 3 and 5-axis machining centres RS 605 K and a swivel-spindle machining centre T7 2600. For a specific separator component, a pleasing increase in productivity was achieved thanks to the machine concept from HEDELIUS: Together with the specialists from HEDELIUS the production of the component by BAADER was optimized so that T7 2600 can now produce during the third shift without an operator. “During the day, standard

parts are produced on the T7, at night the machine runs in third shift unmanned,” added Schröter, a professional engineer. “We found a nice solution together.”

### **A partnership on equal footing**

It was particularly important for BAADER to also have a reliable partner on equal footing. “Of course there are also problems sometimes, but they are solved quickly,” said Jörg Schröter and reports: “We have not had a time when an agreed deadline was not respected.” Furthermore, in addition to the price/performance ratio the “Made in Germany” concept was persuasive. The components of HEDELIUS machining centres come from Germany for the most part. This is a clear advantage for the BAADER Group. “It was important to us that we do not have to go far to get the spare parts,” explains Production Manager Schröter the motivating reasons. “The stability and technical design of the processing centres persuaded us.”

## **BAADER-Group**

**Food processing machinery**

Established: 1919

Company headquarters: Lübeck

Employees: 1100

HEDELIUS RS 605 K

HEDELIUS T7 2600