



A strong team (from left): Helmut Lange, HEDELIUS managing director Dennis Hempelmann and production manager Volker Perk in front of the Krone Big Pack.



The Krone engineering company was able to increase its productivity even further with the HEDELIUS BC 100. The machining centre has a travel path of 2500 or 3500 mm depending on the model.

Great performance in the smallest space

The Krone engineering company modernised its prefabrication section in 2011. Precision, productivity, plant availability and service were the determining factors in the decision in favour of vertical machining centres by HEDELIUS.

The Krone name has stood for high-quality, powerful fodder harvesting technology for more than 100 years. The green and yellow agricultural machines are familiar up and down the country. The prestigious company with its headquarters in Spelle is among the world's leading manufacturers of disc mowers, round balers and rotary rakes. The two mower conditioners BiG M and BiG X are also part of the range. Behind the term BiG M is a high-capacity mower conditioner which mows with a working width of up to 13.20 m. The BiG X forage harvester is presently the world's most powerful forage harvester.

Increased productivity

The Krone engineering company expanded its production in the 2011 business year: three HEDELIUS BC 100 machining centres

with travel paths of 2500 and 3500 mm were commissioned in the prefabrication section. Volker Perk, Manager Mechanical Production, says the reason for this investment was, "We wanted to continue our development in terms of quality."

The three new HEDELIUS machining centres are fitted in the factory with a rotary trunnion table. This enables multi-sided machining on a total of three axes if necessary. Pendulum operation is also possible due to the installation of a divider plate. The magazine of the BC 100 can be loaded with 30 tools which are used at Krone for machining a wide range of materials such as cast iron or even Hardox.

Small external dimensions

Many companies are already reaching the limits of their space in their production halls. It was also important for Krone to find a space-saving CNC machine which had a large working area despite small external dimensions. The BC 100 offers precisely that. Depending on the model, the moving column machining centre has a maximum

travel path of 2500 or 3500 mm on the X axis which enables even long workpieces up to 3500 mm or 2 x 1450 mm to be machined easily in pendulum operation.

Production manager Perk is very pleased with the quality of the HEDELIUS machining centres. "The machines meet our high standards in the quality assurance section. They work very precisely and cost-efficiently."



Maschinenfabrik Bernard KRONE GmbH

Agricultural machinery and
agricultural engineering

Established: 1906

Company headquarters: Spelle

Employees: 2700 worldwide, in Bernard
Krone Holding GmbH & Co. KG

HEDELIUS BC 80

HEDELIUS BC 100