



The HEDELIUS RS 605 was fitted with cutting-edge automation technology by Lang. Loading with workpiece pallets is fully automated.

Lightly manned in three shifts

HWR Spanntechnik GmbH is a leading supplier of automation solutions and clamping technology in Germany. In 2011, managing director Volker Henke was looking for a reliable CNC machining centre for three-shift operation to expand his production.

The history of HWR Spanntechnik GmbH is a success story. It begins in 1989. From a design engineering office which repeatedly made people sit up and take notice with its innovative ideas, the company developed into a trading and production company working throughout Europe. Today the specialists of HWR design and produce clamping tools of all kinds for the upgrading of turning and milling machines. The products from Oyten in Lower Saxony are sought-after all over Europe – HWR's customers are toll manufacturers, mainly small to medium-sized companies. Since 2003, a close partnership has existed with Lang Technik GmbH which resulted in the time-tested inogrip® clamping system. In

the meantime, HWR Spanntechnik GmbH acts as the exclusive representative for products by Lang in North Germany.

The automation system

At the beginning of 2012, HWR commissioned a new CNC machining centre – the HEDELIUS RS 605 Single. It has a high-power main spindle with a 165 Nm driving torque and also machines the tough steels of HWR with a high chipping volume. To make production particularly easy and efficient, HWR's CNC machining centre was fitted with a cutting edge automation system by Lang. Loading the machine with workpieces is now fully automated and unmanned. Production manager Uwe Zitelmann reveals, „We usually produce series of 20 to 500 using the automated system.“ Above all he stresses the increase in efficiency, „As a result of automating the loading process, our employees can now easily operate several machines at the same time.“

For maximum reliability

The new machine was intended for three-shift operation from the outset. Volker Henke, Managing Director of HWR, explains the reason for his decision to purchase from HEDELIUS, „This is why we looked for a manufacturer who was well known for maximum reliability.“ The physical proximity to the engineering company in Meppen also played a role. According to Henke, „It's a good feeling knowing that the service technician doesn't first have to travel 800 kilometres should there be a problem.“ Production manager Zitelmann is also very pleased with the handling and reliability of the RS 605. „The performance of the HEDELIUS RS 605 is great and the service is top-class. Right from the start, we have had the feeling that we are being well looked after,“ is how he sums it up.

HWR Spanntechnik GmbH

Automation solutions and clamping technology

Established: 1989

Company headquarters: Oyten

Employees: 26