

Automatica Award 2012: RÖHM Synthetic gripper receives Innovation Award

Sontheim/Munich. At the Automatica Trade Fair the clamping and gripping technology expert RÖHM presents the new Synthetic gripper to the public. The RRMP attracted enormous interest and won the MM-Innovation Award 2012. For the exact production of the gripper only a 3D model of the workpiece is required.

No matter whether round stock, prismatic workpieces or free-form surfaces: The Röhms synthetic gripper RRMP is produced for the customer within a short time - new manufacturing processes make it possible.

In practice, the RRMP is convincing by its extremely low weight and tested endurance strength. Thus, the synthetic gripper from RÖHM, for example, is tested on the drill chuck assembly line Extra-RV, in daily use. Here too, absolute reliability and durability is important. The failure of any single component would result in stoppage of the entire assembly process. Joachim Hander, production expert drill chuck assembly: "In our plant, the RRMP moves roughly 16,000 drill chucks daily. Where in the past maintenance was needed after two million strokes, the synthetic gripper continues to run without any problem. In the meantime, it has performed more than 7 million maintenance-free gripping cycles and no signs of wear."

For unlimited, multiple turning the RRMP can also be used in combination with a triple air distributor. The limit switch signal can be transmitted via a rotary feedthrough.

Further informations at: www.roehm.biz/rrmp/



Completely maintenance-free and customized: The Röhms synthetic gripper RRMP.



16,000 gripping cycles per day, over 7 million cycles total – without any maintenance.