

Reichmann Casting Finishing

The new MAUS 600 – automatic grinding „Made in Germany“



By taking over the intellectual property of MAUS, Reichmann has combined the technical know-how and experience of both companies. The result is the new MAUS 600 product line: the best of both worlds. In the new MAUS 600 grinding centre, reliable and robust mechanical engineering "Made in Germany" with a high level of process know-how meets high flexibility and economic efficiency in a compact, standardised housing.

The new compact casting finishing center processes a wide range of cast parts made of iron, steel, brass, copper or aluminum up to a weight of 100 kg. For heavier castings, Reichmann will introduce further machine variants within the MAUS line in the coming year.

“The aim of the development of the new MAUS 600 product line was to offer foundries an easy entry from manual to automatic casting cleaning and to optimize processes for greater profitability. The new MAUS 600 is a modern standard 5-axis NC machine especially for small to medium lot sizes or linked solutions that sets new standards in automatic grinding”, says Rafael Dineiger, International Sales Manager in the Reichmann Casting Finishing division. Thanks to the small footprint, the machine can be transported on a truck or in a container and conveniently brought to the installation site by forklift.

A finished machining program in just a few hours

With the help of pre-installed function favorites, programming is extremely easy. Even complex machining programs can be created and set up directly in the work area in the shortest possible time without any prior knowledge. The Windows 10-based control can be operated intuitively for everyone and offers the best conditions for diagnosis, support and networking. With the modern, IIoT-capable user interface, data can be collected, evaluated and integrated in order to identify possible downtimes at an early stage and to plan ahead in a targeted manner. This increases productivity and lowers costs.

High profitability even with the smallest batch sizes

In order not to waste a second in the set-up times for a new casting, the new MAUS 600 has a standardized device interface. In this way, the user can build a suitable fixture himself in a very short time. In this way, the machine can be used flexibly and economically for various cast parts, even in the smallest batch sizes. The machines with pallet changers automatically select the right machining program for different cast parts in mixed operation. Despite the pallet changer, the user only needs one fixture per casting, thus saving time and money. Various adapted spindle powers ensure high energy efficiency and reduced cycle times during machining.

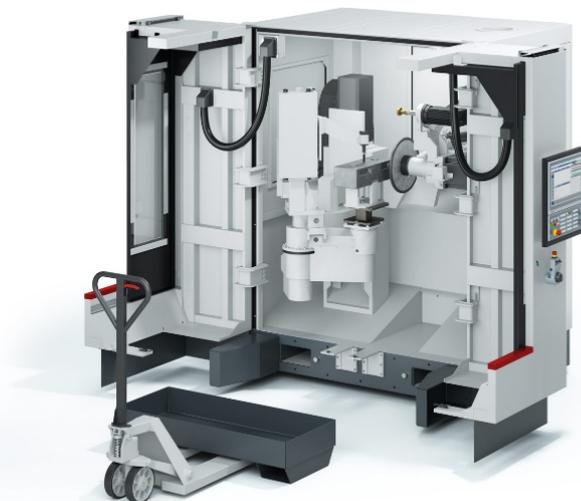
New door version for optimized walking routes

The MAUS 600 product line consists of three machine variants. With the door variants, Reichmann has created a novelty that enables particularly ergonomic loading directly on the machine. Compared to the light barrier variant, this saves the operator having to step back and forth for loading and unloading. At the same time, the control panel is within easy reach for programming and operation.



Ergonomics on all levels

The new MAUS 600 offers maximum convenience for the user as standard. The front of the machines with a door can be opened completely and offers good access for cleaning and service. The extra-large residue chip drawer reduces the cleaning intervals and can be conveniently emptied with a forklift or pallet truck. The centralised lubrication system minimizes maintenance work and ensures minimal downtimes. The light barrier solution offers optimal conditions and accessibility for crane or robot loading. This makes it easier to load heavy cast parts.



Reichmann – a reliable & competent partner

Reichmann accompanies customers from initial consulting and process analysis through development and implementation to after sales. A particular focus is on optimizing individual customer processes in order to increase profitability, occupational safety and productivity. The best production results from day one guarantee quick amortization. With the robust machine construction "Made in Germany", customers worldwide benefit from the highest availability and a long service life of the machines.

Further information at:

www.casting-finishing.com | www.maus.it