Innovative 5-axis technology for tool grinding
hawemat 2001 NUM-Flexium+
For regrinding and manufacturing high-precision tools and components

- TOOL MANUFACTURE FOR METAL- AND WOODWORKING
- GENERAL METALWORKING PLANTS
- TOOL-GRINDING SERVICE
- MACHINE AND TOOL MANUFACTURE
- MEDICAL TECHNOLOGY
- AUTOMOTIVE INDUSTRY

hawema KINEMATIK patented worldwide
- Short travel paths
- Optimal cycle times
- Compact design
- Modular construction
- High rigidity
- Highest precision
- Excellent grinding facilities

OPTIMAL ERGONOMICS, RIGIDITY AND PRECISION  ALL-ROUND VERSATILITY

numroto®
Total solution for tool grinding
THE WORLDWIDE LEADING USER SOFTWARE FOR MILLING CUTTERS, DRILLS AND SPECIAL TOOLS

Innovative high-tech solutions, continuous further development and comprehensive user know-how make NUMROTOplus® the trendsetter and market leader in tool grinding. Regardless of whether you regrind or manufacture, NUMROTOplus® guarantees low-cost processing for all standard and special tools.
External Loading Systems PLS 3, PLS 8 and LS 122

Operator-free and low-cost grinding is possible using loading systems PLS 3, PLS 8 as well as the chain loading system LS 122.

Pick-Up Loader ILS 35

For automatic changing of 35 tools and components. It features a fully-fledged CNC axis permitting chaotic loading in conjunction with hydraulic expandable clamping systems. Sleeves KM 22 Ø/KM 32 Ø. High degree of processing safety due to the controlled CNC axes in the machine. This loading system is an extremely effective and economical solution. Various loading discs can be used for producing small and medium-sized tools enabling fully automatic manufacture up to 14 mm.
OVER 800 HAWEMAT CNC TOOL GRINDING MACHINES ARE IN USE IN OVER 20 COUNTRIES THROUGHOUT THE WORLD.

Our grinding solutions have won the confidence of our customers, who include machine tool manufacturers, manufacturing companies in the medical devices, automotive and machine construction industries, and grinding services. HAWEMA accords priority to the human element in all activities. Since the company was founded, satisfying customers in every respect has been the top priority for our employees. In order for us to be able to respond flexibly to the needs of our customers throughout the world, we attach importance to personal contact. This approach is a hallmark of our company in its dealings with business associates at all levels. The HAWEMA philosophy involves reconciling generic solutions and specific requirements.

We guarantee quality and service.