



RETROFIT MACHINES

GET A NEW LEASE OF LIFE IN PRODUCTION



EMAG RETROFIT

The low-cost alternative

The profitability and productivity of machine tools are crucial factors in their competitiveness.

As a low-cost alternative to the acquisition of brand-new machines we offer completely or partially reconditioned second-hand ones from the EMAG Group.



Economical and technical advantages of reconditioning:

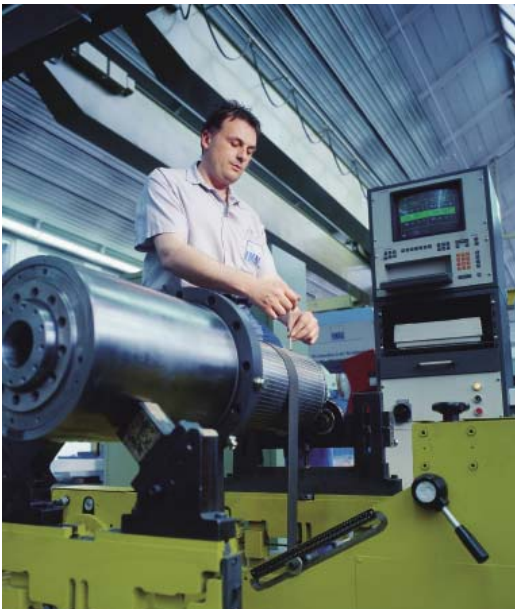
- The operator's established familiarity with the environment
- No marginal investment for
 - tools
 - fixtures
 - foundations
 - energy supplies
- All work covered by OEM warrantee



PRODUCT RECYCLING PUT INTO PRACTISE

The EMAG RETROFIT machine is of the highest quality. Components that do not suffer any qualitative deterioration with age are reused. This includes the Mineralit® machine base and the overhead slide unit in grey cast iron.

Recycling of the components with the highest energy expenditure makes the Retrofit machines particularly environmentally friendly.



Moderately priced, instantly available exchange modules:

- Headstock units
- Turrets
- Life tool drives
- Feed drives
- Milling spindle units
- Drive and control technology obsoleted by the manufacturer
- Workholding equipment
- Measuring systems
- Special purpose equipment

OUR SERVICE TEAM FITS EXCHANGE MODULES
ROUND THE CLOCK – EVEN AT WEEKENDS.



OTHER ASPECTS ...

Machine modernisation ...

To survive the rigours of competitive trading a company must ensure that its production equipment is kept up to date.

Budget and time are not always sufficient to justify the acquisition of a new machine.

Second-hand machines from the EMAG Group are radically overhauled, making full use of the relevant manufacturer's know-how.

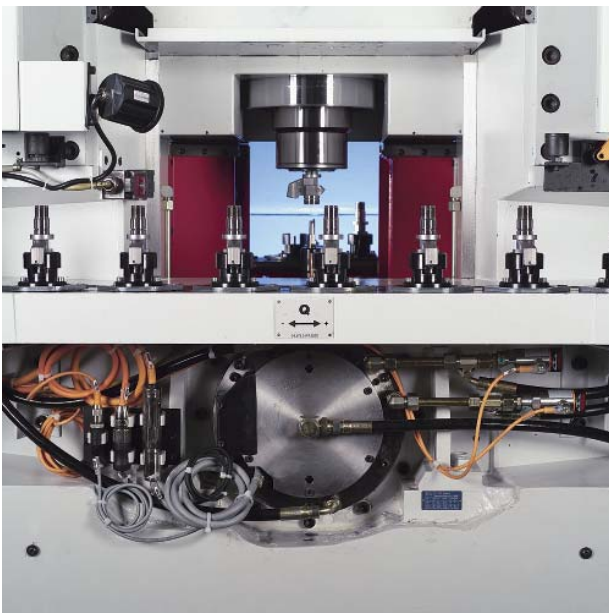
- EMAG
- REINECKER
- KARSTENS
- KOPP
- NAXOS-UNION
- SW
- HEILIG AUTOMATION



... from partial to complete retrofit

The „new Oldies“ are not only getting a new outfit. Mechanically-geometrically they will be as good as new. Electrics, hydraulics and coolant supply system are completely overhauled or replaced.

Whether partial or complete retrofit, the modification and modernisation of control system and mechanics – the customer decides.



Application examples:

- Increase in availability and productivity.
- New control system generation with faster machining cycles and increased operator and programmer comfort.
- Software update.
- Short-notice availability.
- Cost-effective coverage of unavoidable bottlenecks.
- Compliance with up-to-date statutory safety regulations and environmental constraints.



GET FIT THROUGH RETROFIT!

Wear and tear of a machine, caused by advancing age and constant use, leads to an increase in breakdowns.

Modernisation work takes EMAG between 2 and 10 weeks. Spindles, quills and hydrostatic elements are overhauled and checked on our test benches.



After reconditioning, including a complete update of mechanics and electronics, EMAG RETROFIT machines enjoy a new lease of life with a higher degree of availability.

They can be used with flexibility, either as stand-alone machines or as part of a production line.



RETOOLING AND MODIFICATION

You have a new workpiece or a new component family. Your EMAG machine must be quickly retooled and modified to suit the changed production requirement.

We offer the following services:

- Planning the modifications
- Drawing up the tooling layouts
- Obtaining the required tools and workholding equipment
- Generating NC programs
- Obtaining the required automation components, such as pallets, turnover stations, storage magazines ...
- Assembly and installation
- Test runs of new workpieces
- Training your staff in production specifics
- Production handholding



WORLD-WIDE PARTNER IN FORWARD
LOOKING PRODUCTION TECHNIQUES



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