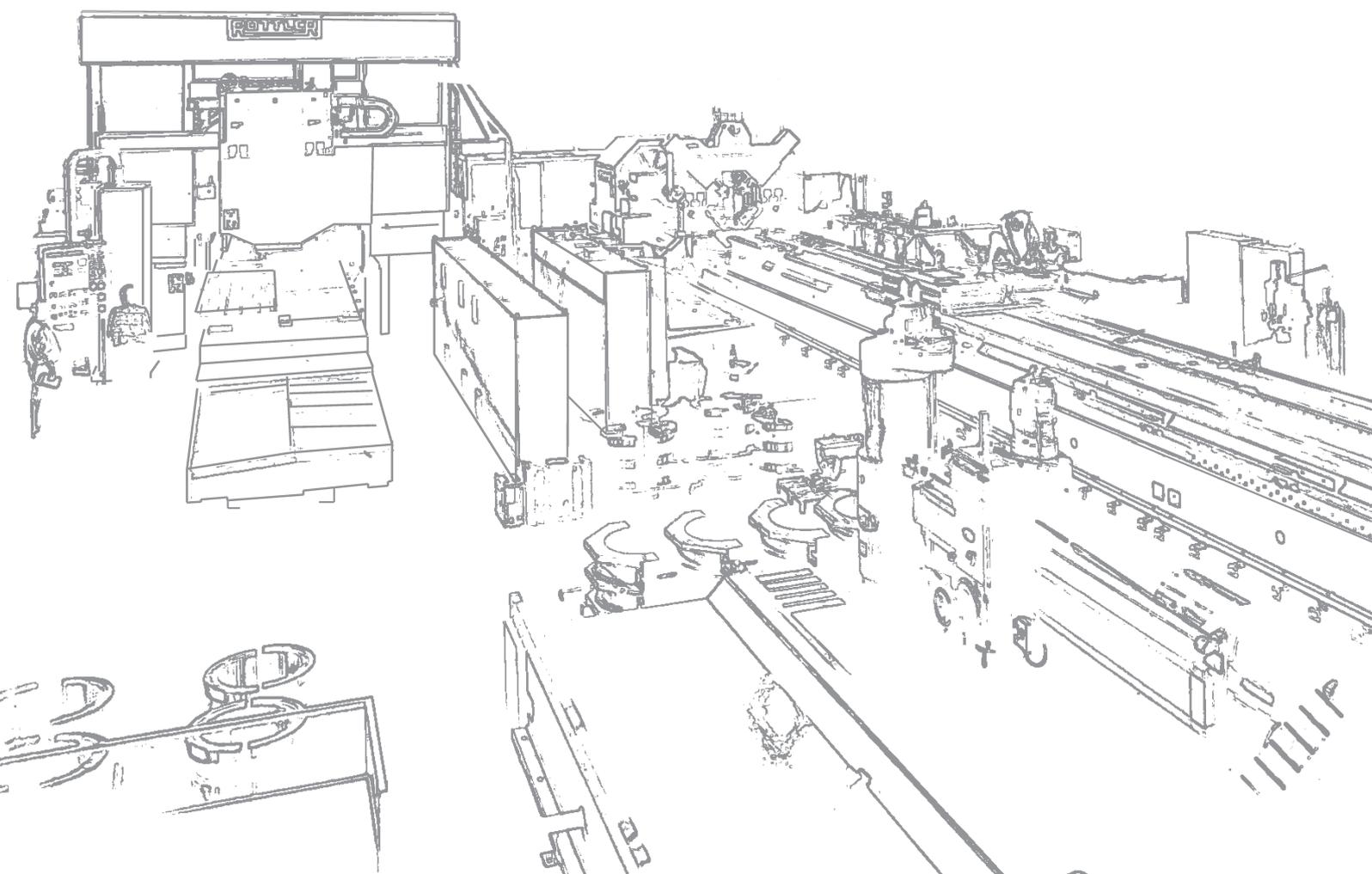


# ROTTLER

Machine tools



## Machine tools



Our family owned company develops and manufactures customized machines and designs machine tools based on work piece requirements successfully since 1970. The worldwide customer base comes from different industry branches, such as:

- aviation and aerospace
- ship building
- automotive industry
- power plant components
- paper machine industry
- roll maker
- railway machining
- machining of forged components
- aluminum and graphite machining
- portable machining units for construction and assembly areas

Machine tools made by ROTTLER are developed and designed in close cooperation with our customers. Their needs and requirements are the base for our design. We use our standard components, which are used at our customers worldwide already since many years, as the base for a new machine.

Based on the machining requirements our design team analyses possible solutions. Together with the production conditions at the customers facility, an optimized concept is created.

Also our standard products are customized on this basis. Accessories are important for us, too. An experienced group of service engineers assembles the machines and uses state of the art drive and control systems. Electrical and mechanical design, control programming, building electrical cabinets and manufacturing under one roof together with constant research and development are the suppositions for modern, economical machine tools.



## History

- 1970** Founding of ROTTLER Maschinenbau GmbH by Horst Rottler in Siegen-Gosenbach
- 1985** Founding of sister company A.M.A. Anlagen Maschinenbau Automation GmbH in Mudersbach-Birken
- 1989** Ralph Rottler, son of the founder, joins the family owned company
- 1990** Founding of ROTTLER Chemnitz GmbH
- 2001** Construction of new assembly shop floor



Horst Rottler  
Founder

The companies Horst Rottler Maschinenbau GmbH and A.M.A. are employing more than 50 people.

From only designing and engineering special purpose machines at the beginning the ROTTLER group as moved forward to a well regarded partner in various industrial sectors. We assemble the machines, build the necessary electric cabinets and control units und do the application based software development. For manufacturing and assembly two buildings with a total floor space of 3,700 square meters are available.

**“The customer is the focus of everything we do. Together with him we want to fulfill his aims and requirements!”**



Ralph Rottler  
CEO



Michael Utsch  
Sales Manager



## Training and education as the base for the future



We see training and education not only as the basis for our own company, but also as our social responsibility. Therefore, since many years, we train more personnel than needed in our own company. Qualified personnel and identification with the company are the base for qualified products and service.

Besides Industrial mechanics and electronics engineers for enterprise technology, we train also in the area of bachelor in mechanical engineering as dual studies together with the local University in Siegen.

**“Our performance should be characterized by reliability, fairness and innovation. This is the basis for a long-standing cooperation and partnership with our customers.”**



## Service

Our extensive offer for service guarantees that your machines can be operated with a high level of productivity.

### Installation and putting machines into operation

Installation and start up of machines and equipment is performed by a team of highly skilled and experienced engineers and technicians. The same team also provides service, if necessary, on the machine in the future.

### Maintenance

Based on our long experience in maintenance and repair we always recommend to do a preventative maintenance on your machines. Necessary maintenance plans can be provided in cooperation with our customers and are based on machine type and application.

### Repair and spare parts service

Flexible and quick repair service by our experienced specialists combined with guaranteed spare parts availability enables an optimized use of the machines.

### Telephone hotline

We offer our customers a telephone hotline service. You can contact our engineers and electrical technicians who will diagnose and help you solve problems with the machine as quick as possible.

### Training

Individual training courses for all new machines and overhauled machines can be provided by our experienced service engineers.

### Used machines and equipment

A continuously changing stock of machines is always available for different machining operations.

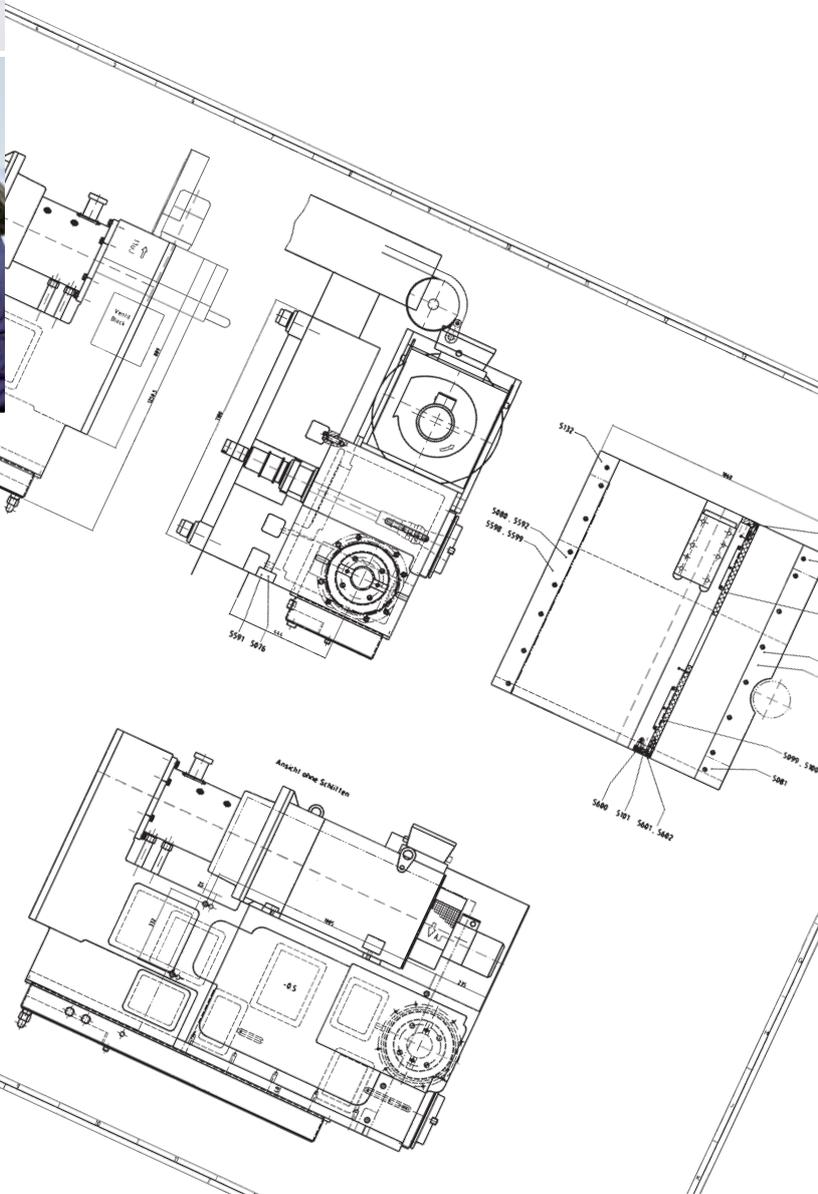
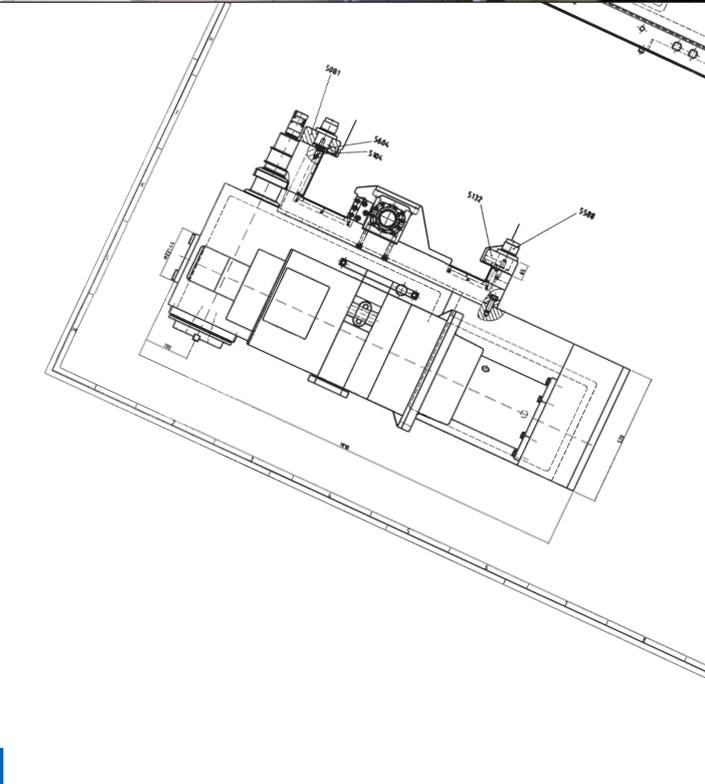
- **Installation and putting machines into operation**
- **Maintenance**
- **Repair and spare parts service**
- **Telephone hotline**
- **Training**
- **Used machines and equipment**



## Design department



Besides designing our own new machines and for overhauling used machines, ROTTLER group of companies also offers design service. Our experienced team of engineers provides the complete design of machines and special machines, automation and handling equipment.



SERVICE



NEW MACHINES



OVERHAULING

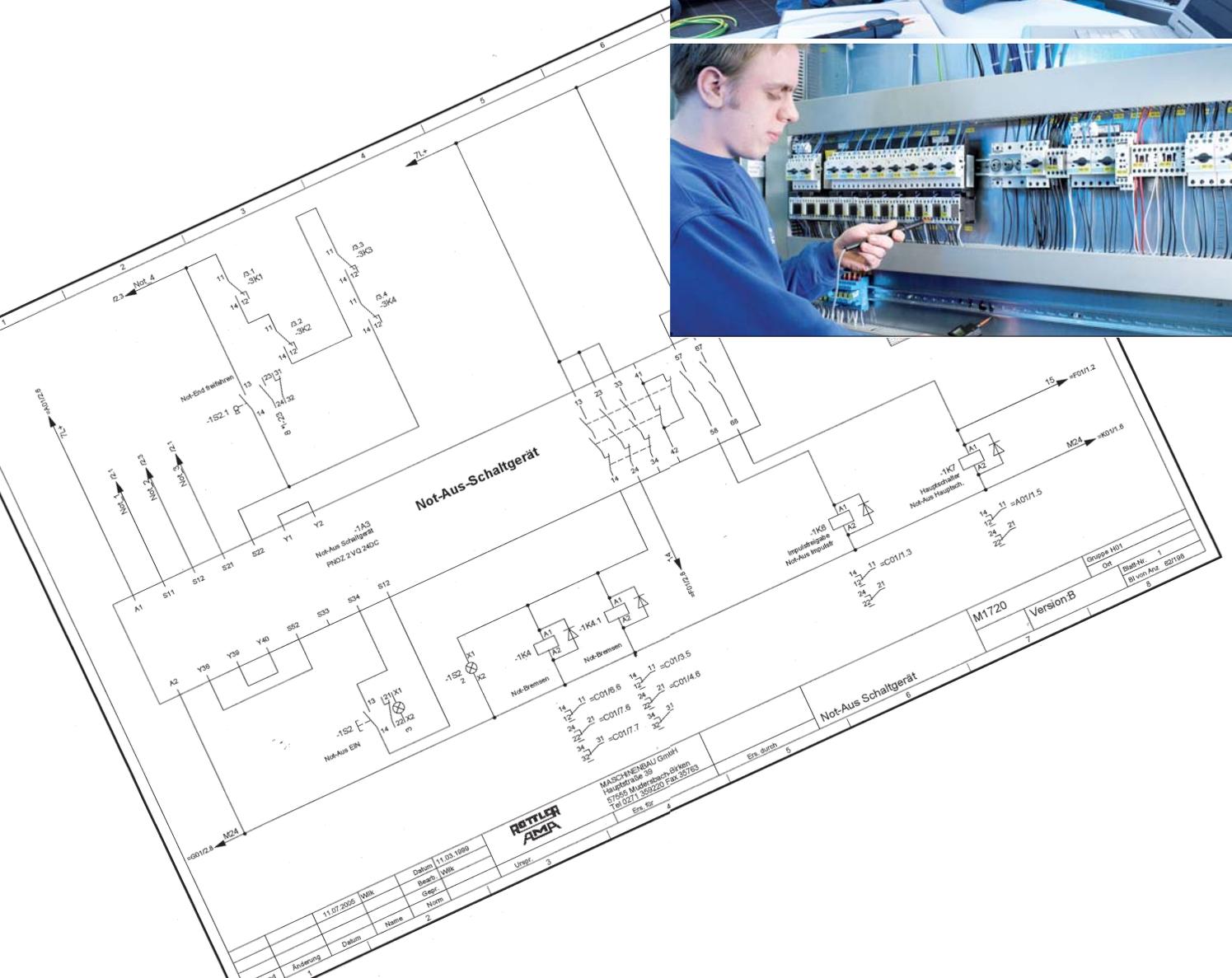


USED MACHINE TOOLS

## Electric department / building electric cabinets

Building electric cabinets, complete electrical installation, designing drives and motors and necessary software developments for special machining operation as separate task or complete solution package can be provided.

In addition our experienced and trained service engineers can provide adjustments of measuring heads on open measuring units (make Heidenhain). Also service and examination on various measuring units from different manufacturers can be offered.



## Lathes



- heavy duty lathes
- boring lathe
- ingot turning machines
- vertical turning centers
- roll lathes
- lathes for special applications



Together with our customers, we develop standard and special solutions. They are the base for cost optimized products and customized machines which operate successfully.

Based on more than 35 years of experience in machine tool building, lathes are manufactured for varying machining operations. As with all machine tools built by the ROTTLER group, we use only components of well know European sub-suppliers.

A kit system of machine components enables us to built cost optimized machines. At the same time the design is flexible and can be adjusted based on customer requirements.



SERVICE



NEW MACHINES



OVERHAULING



USED MACHINE TOOLS

## Milling and boring machines



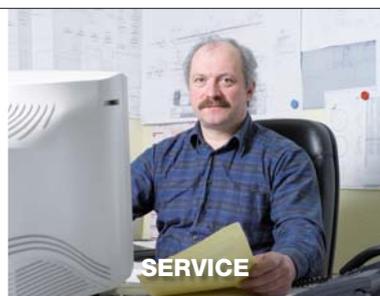
- milling and boring machines
- deep hole drilling machines
- portal milling machines
- special purpose milling and boring machines
- turning tables and shifting tables
- angle heads



Besides large portal type milling machines provided in table or gantry design, with horizontal or vertical head stock, deep hole drilling machines and milling and boring machines are included in the large range of our products.

Machines build as standard machines or based on our kit of machine components; we always use the latest, state of the art technology and components. Special accessories and options can be selected. By selecting from a range of machining heads, different table types, tool changer or pallet changer, chip conveyor, and others; the machine can be designed according to the specific application and customer requirements.

A special feature in our milling and boring machines and our rotary tables is the proportional flow controlled hydrostatic, which was introduced at first to the heavy duty machine tool industry by ROTTLER.



## Retrofit / Modernization



- increase productivity
- increase performance of the machine
- use of state of the art technology
- extension of application range
- availability of control components and spare parts
- no foundation cost



Machines maintained at an optimum, also need to be retrofitted after years of productive operation in order to increase their economic efficiency.

If we look at the continuously increasing demands on quality and the rationalization involved, it is not enough to re-condition the existing machine tool “as good as new”.

Changing given parameters or add new components and sub-assemblies require constructive assessment and design. In a lot of cases these measures lead to higher efficiency than it would be achieved with a new standard machine. Therefore a retrofit is an economical alternative to buying a brand new machine.



By combining our experience from designing and building new machines with the experience from revamping and modernization of different machine types from various machine tool builders, together with the extensive experience from repair and maintenance contracts, we can provide a wide range of services:

- work out possible solutions and a cost analysis of the machine which should be revamped
- design changes, re-designing and new design of machine sub-assembly groups
- geometrical overhauling respectively replacement with state of the art guiding systems
- modernization of mechanical sub-assemblies, accessory units and machine components
- applying new high-performance main drives and auxiliary drives
- applying latest powerful control systems
- mounting and integrating additional accessory equipment
- manufacture machine housings
- training and introduction on the overhauled equipment



SERVICE



NEW MACHINES



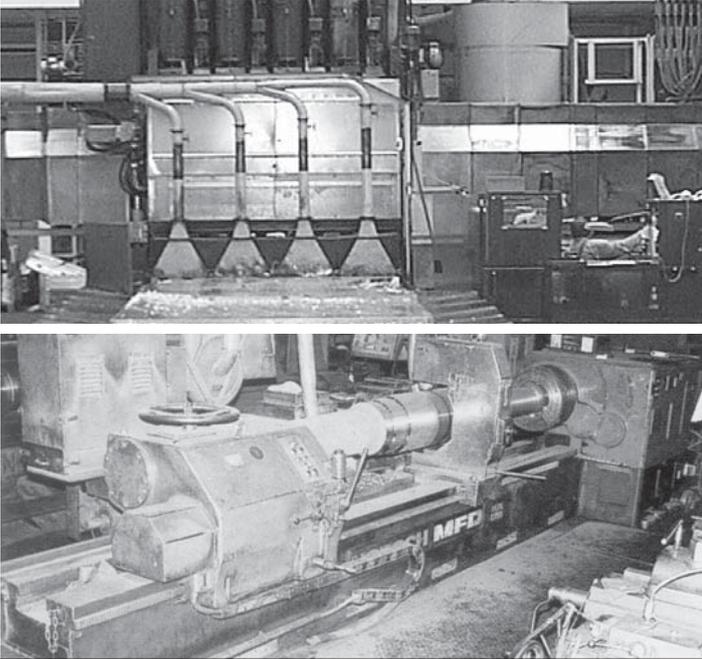
OVERHAULING



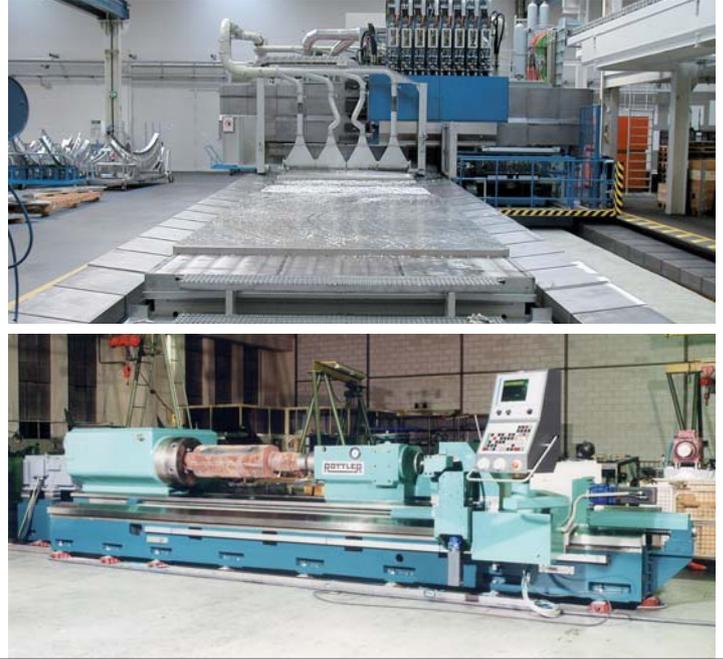
USED MACHINE TOOLS

## Retrofit / Modernization

Prior



Afterwards

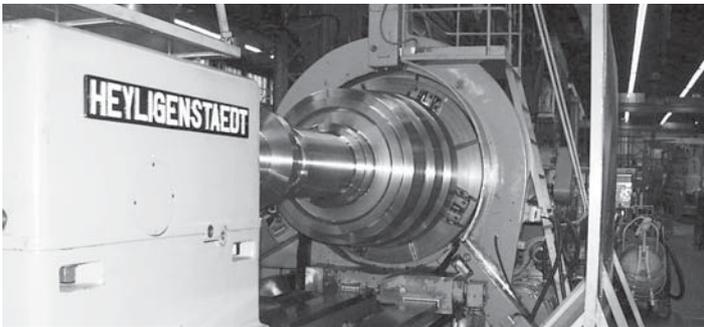
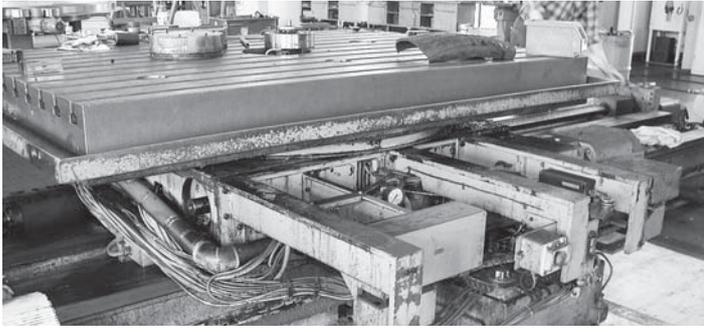


- ASCHERSLEBEN
- BOHLE
- BUTLER
- COLLET + ENGELHARD
- DROOP + REIN
- HEYLIGENSTAEDT
- HOESCH MFD
- HURON
- INGERSOLL-BOHLE
- IRLE
- JUNG-JUNGENTHAL

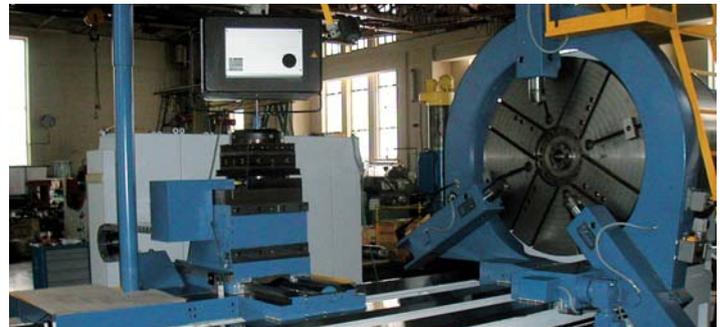
- KOOP
  - MICRON
  - PEGARD
  - RAVENSBURG
  - SCHARMANN
  - SCHIESS
  - TOS
  - WALDRICH SIEGEN
  - WALDRICH COBURG
  - WOTAN
  - WOHLBERG
- and others



## Prior



## Afterwards



## Service and spare parts for Collet & Engelhard

We received the complete technical documents of the former Collet & Engelhard AG, Offenbach. This enables us to provide the complete qualified service on all their machine tools. Besides a qualified spare parts service, based on original machine drawings, we are able to provide the complete service including revamping and overhauling of these machines.



SERVICE



NEW MACHINES



OVERHAULING



USED MACHINE TOOLS

## Special machine tools



Center drilling machine



Drilling machine with angle head



Multi-spindle drilling machine



Planing machine



SERVICE



NEW MACHINES



OVERHAULING



USED MACHINE TOOLS

Besides our lathes, milling machines and boring machines, we also offer designing and building of various other machine tools types, machine components and other special machines for different industry branches.

The detailed design is based on our standard sub-assembly groups and components. Our experienced design experts use these parts from the many machines which have been built over the years. They modify them slightly and use them in close cooperation with our customer to create the optimized solution.



Tube end machining center



Inclined bed lathe with accessory equipment



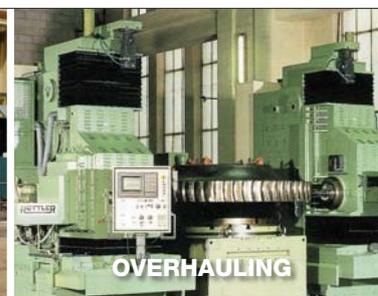
Saw milling machine



SERVICE



NEW MACHINES



OVERHAULING



USED MACHINE TOOLS

## Portable machining equipment



Grinding unit

A comprehensive line of portable machining equipment for all machining and finishing operations arising on construction and assembly sites can be provided by us. Equipment for boring, milling, turning and grinding up to large dimensions can be offered.

By using portable machining units repair work and machining operations on major installations and/or construction sites can be done more efficiently. Expensive disassembly work and transportation is avoided, the work can be done on site in a quicker time.

In addition, the necessary fitting work e.g. arising in connection with the assembly of big machine can be made more efficiently.

ROTTLER not only offers the relevant machines, but far more also, the complete range of technical skills including tools and handling equipment.



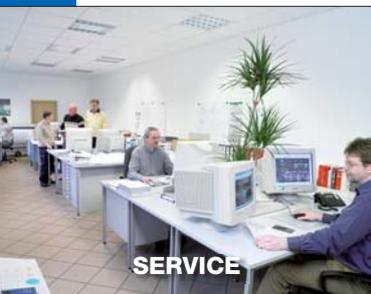
Grinding unit



Drilling unit



Drilling unit



SERVICE



NEW MACHINES



OVERHAULING



USED MACHINE TOOLS



Turning unit



Turning unit



Milling unit



Milling unit



SERVICE



NEW MACHINES



OVERHAULING



USED MACHINE TOOLS



**The customer is the focus of everything we do. Together with him we want to fulfill his aims and requirements!**



Certified to EN ISO 9001  
Certification Registration  
No.: 20 11 66

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