



## REBUILD

of BLOHM and JUNG grinding machines.



# Guideway Grinding – The basis for every overhaul

In order to achieve a perfectly coordinated machine geometry, in the course of overhauling a machine, the double V guides (JUNG) or the prism guides (BLOHM) in cross slides, table and bed are cut in relatively to each other. In the double V guide in JUNG machines, the surface is also hardened and the guides are finished with our tried and tested cross-grinding process.

The many years of experience of our employees as well as stringent quality inspections and the use of special machines guarantee maximum precision and durability of your BLOHM and JUNG grinding machines.



PROFIMAT MT before the REBUILD



PROFIMAT MT after the REBUILD

## What we can offer you:

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### Individual overhaul of parts

Overhaul of modules such as the guideways in cross slides/table, dressing units etc. based on time and materials.

### Geometric overhaul

Full overhaul, whereby the machine electrics are kept in original state.

### General overhaul

Comprehensive overhaul including control system upgrade, refinish of surfaces plus a selection of options listed in the accessories catalog. A general overhaul of JUNG machines can also involve an exchange, i.e. you place an order with us to rework a comparable machine in return for your old machine.

### Warranty

6-12 months on work expended or on spare parts and wear parts.

6-24 months on geometric overhauls.

### Customer service representatives in the field

Our competent employees provide on-premise, personal and individual support.

### Original BLOHM and JUNG spare and wear parts

We install only original BLOHM and JUNG components and spare and wear parts in all of our overhauls.

### Fixed price for retrofit kits

You can have your machine retrofitted, for example with glass scales, an automatic central lubrication system or with a conversion kit for the electrics.

### After sales support

- Decentral service (over 20 service technicians nationwide)
- Inspection
- Maintenance
- Express shipping option for spare parts



## HFS

The HFS is a classic among the BLOHM surface and profile grinding machines. Due to its extreme durability, the HFS demonstrates just how reliably and precisely it operates every single day.



## PROFIMAT MT

The PROFIMAT MT is a high-performance grinding machine for your production. High speeds and varied applications characterize the PROFIMAT MT. With an extensive range of accessories, the PROFIMAT MT can be optimally adapted to all customer requirements.



## PROFIMAT MC/RT1000

Different spindle variants enable a wide range of application. This six-axis CNC profile grinding center can be fitted with a horizontal spindle, a fixed spindle or an NC controlled swivelling vertical spindle. The powerful PROFIMAT RT is the optimal production machine. It offers low set-up costs combined with a high level of efficiency and is easily adapted to automatic workpiece changer systems.



## HANSEAT

The HANSEAT is a grinding machine for everyday use that can be universally applied. The solid basis of the machine guarantees outstanding robustness and durability.



## ORBIT

Optimal grinding patterns, outstanding thermal and vibration engineering characteristics and a compact design make the ORBIT an optimal surface and profile grinding machine for individual component and small batch production. The complete ORBIT package can easily be adapted to various production requirements.



## PRECIMAT/REDLINE

The economic alternative for surface and profile grinding tasks – ranging from the machining of individual parts to serial production. Very small space requirements and simple operating and programming procedures make the PRECIMAT/REDLINE a reliable assistant in production that requires little maintenance.



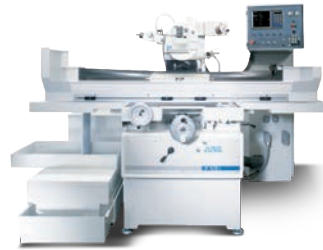
## PLANOMAT

The PLANOMAT introduces cutting-edge technology to surface and profile grinding. The many different potential applications guarantee maximum flexibility for your production. Undiminished precision over a long life cycle enables the production of high quality workpieces.



### HF-i series

The time-tested classic Familiar handling with new electrics. Glass scales in the Y and Z axis, automatic lubrication system plus monitoring function as well as an integrated 5.5 kW grinding wheel spindle drive are part of the standard product and qualify the HF-i series as the optimal machine for everyday use or as an auxiliary machine in toolmaking.



### JF-i series

The classic universal machine The JF-i series has everything that is needed to make setting it up and operating a user-friendly experience. The clear control system with a 3-point display and manual operating elements makes it extremely easy to carry out different grinding tasks in the toolmaking process.



### JF-N series

The modern universal machine For the machining of individual parts during surface and profile grinding, the JF-N series is the best suited entry-level machine for the job. The handwheels for “quick grinding” make it easy to operate, while different automatic program cycles can be added – producing a machine that will soon become a partner you won't want to miss.



## JE-P series

The compact profile grinding machine

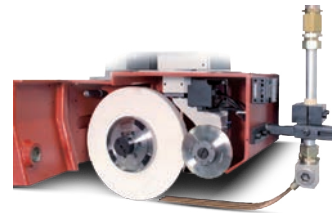
For our customers, surface and profile grinding go hand in hand. The simple, manual set-up of the machine is managed by electronic handwheels or via the joystick. The graphic user interface is an additional support in setting up the grinding and dressing the profile.



## J series

The premium class

The premium class in grinding represents boundless possibilities: single part grinding – small serial grinding – production grinding. The J series offers a full-degree-of-freedom in the machine (interpolation of all the machine axes) and also in the profiles of the workpieces. Tell us about your applications and we will design our machines to suit your requirements.



## PA-K37 profile dresser

High-end dressing

How partners can best enhance each other is demonstrated by the combination with the CNC profile dressing device, PA37K. Regardless of whether it is fitted with a 6-position tool carrier or a diamond wheel, the high-resolution direct axis drives will guarantee  $\mu$ -precise and efficient operation. Additionally, the tool carrier is set up and measured automatically.



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