

# Quickbinder

The compact, universal Quality Binder



PUR gluing unit with integrated 20 kg barrel melting system

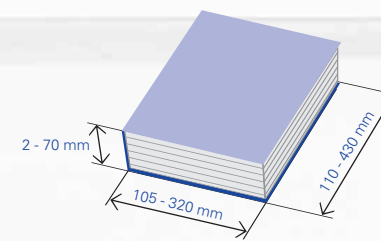
- Fully motorized regulation of all important functions for setting block thickness and cover formats
- High-quality, high-performance 5.5 kW spine processing with main milling unit, multiple knife head and dust extraction system
- Comprehensive gluing technology for selective processing of Hotmelt, coldglue and PUR gluing with separate processing of spine and side gluing
- Universal, easy-to-use rotary cover feeder for processing of 4, 6 and 8 page covers
- Processing of gauzing materials for production of book blocks or special brochures (i.e. swiss-brochures, Otabind-brochures) in one work process
- Ease of use thanks to the **Navigator**, a graphically interactive user interface
- Interface for Wohlenberg telediagnosis
- Option with a lay-down station for interfacing with a three-knife trimmer

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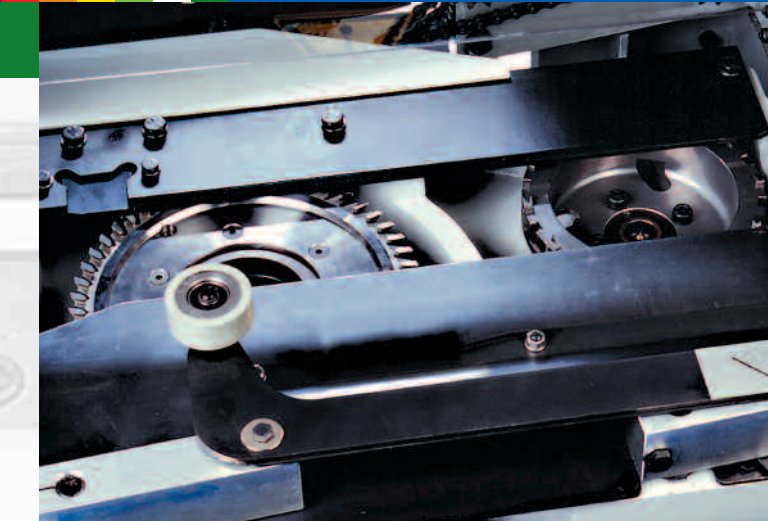
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Technical Data – Quickbinder	
Mechanical rating	500 - 2000 cycles/h
Opening width of clamps	max. 90 mm
Book hang-out	8, 10, 12 mm
Product height	110 - 430 mm
Product width	105 - 320 mm
Product thickness	2 - 70 mm
Cover height	110 - 435 mm
Cover width	208 - 650 mm
Width of rear side of cover	103 - 310 mm
Overall dimensions	
Length	4.1 m
Width	1.8 m
Height	1.4 m



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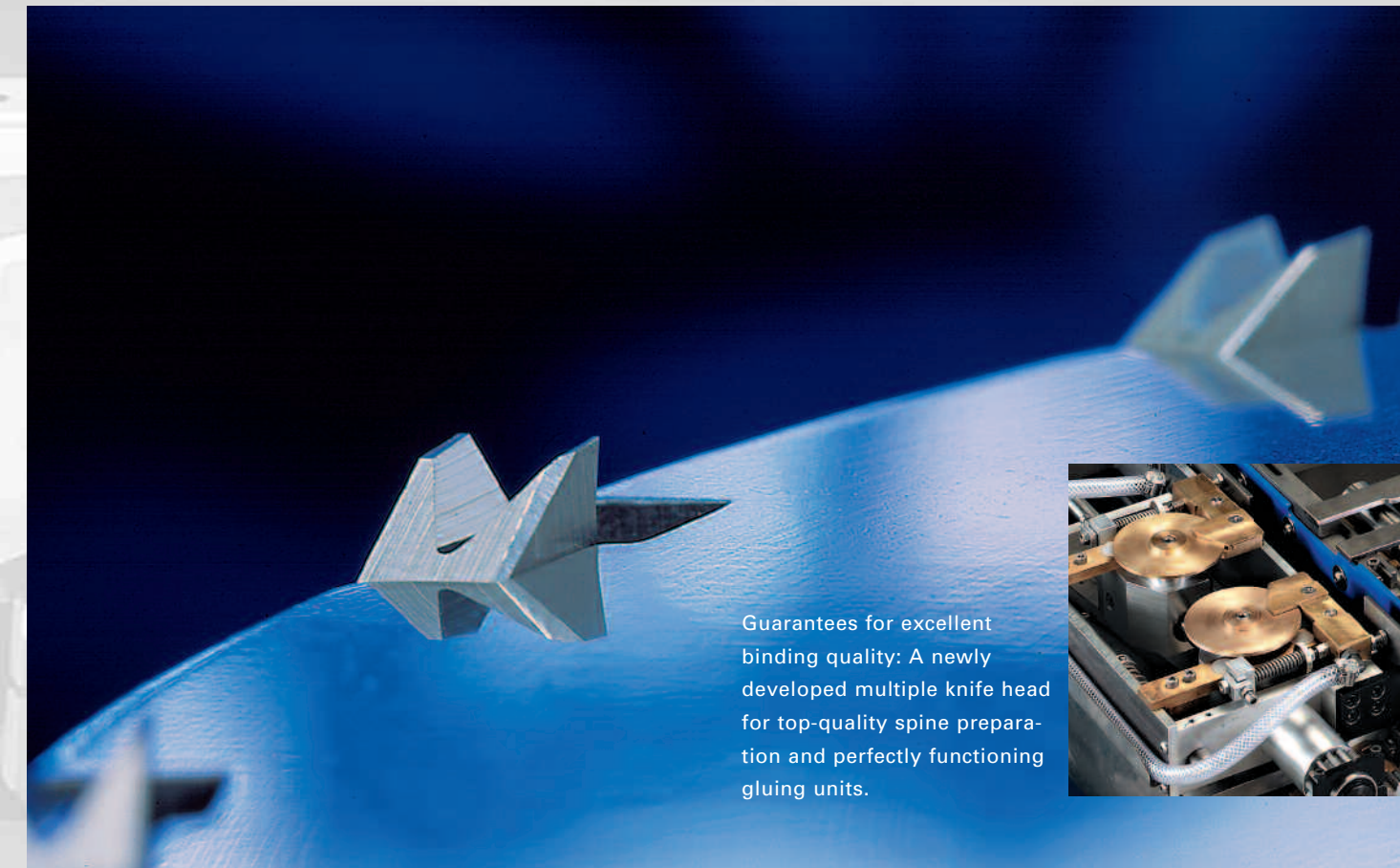


## Perfect Binder Quickbinder

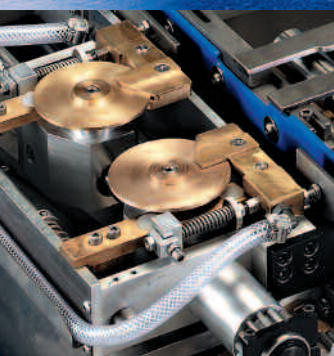
The **Quickbinder** from **Wohlenberg** is intended not only for expanding smaller-sized companies making the jump to quality book binding applications, but also for large, industrial-scale book binding companies who can utilize the machine for the production of superior, high-quality samples and editions.

Despite its compact overall size (4.1 m long, 1.8 m wide), the **Quickbinder** combines all the performance features of a large perfect binder. Not only can all gluing techniques be processed (hotmelt, cold glue, PUR), but the **Quickbinder** can also produce book blocks or brochures with gauzing (i.e. swiss-brochures, Otabind-brochures) in one working process. With a wide format range from A6 to A3 (A4 landscape) and product thicknesses up to 70 mm the **Quickbinder** can be used for nearly all imaginable production tasks.

A further outstanding feature of the **Quickbinder** is the completely motorized adjustments of all functions for setting product thickness and cover formats – a unique feature for machines in this category. The combination of fully motorized adjustment and the new **Navigator** graphically interactive user interface not only makes the **Quickbinder** easy to operate, but also enhances operating profitability as well.



Guarantees for excellent binding quality: A newly developed multiple knife head for top-quality spine preparation and perfectly functioning gluing units.



## Wohlenberg's Universal Perfect Binder Quickbinder



Ease of use thanks to self-explanatory, interactive user prompting and touch screen

### Quality doesn't just happen - it's the result of intensive detailed work

A large format range, extraordinary flexibility and space-saving compactness make the **Quickbinder**, the compact, universal top-quality perfect binder from Wohlenberg, stand out.

Thanks to its self-supporting design, the stand-alone binder is a transportable function unit.

### Navigator – the graphically interactive user interface

Wohlenberg has developed a completely new user interface, the **Navigator**, for easy use with even the most complex binding systems, such as a production line with **Champion e**, **Master e** or **Quickbinder** perfect binders and a **trim-tec three-knife trimmer**. The outstanding feature of this development is its use of a clearly laid out, graphically interactive operating structure.

The **Navigator** also forms the interface between the perfect binding system and the **bind-com®** technical control station, thus forming the basis for further automation of the perfect binding system and creating the prerequisite for integration of the binding line into a JDF workflow - CIP4 (currently under development).

### Processing of all three gluing techniques with interchangeable gluing units

The **Quickbinder** offers you a unique variety, both in its range of applications through selective processing of Hotmelt, coldglue and PUR gluing techniques, and through optional processing of gauzing materials for producing book blocks and special brochures (i.e. swiss-brochures, Otabind-brochures) in one work process.

**Hotmelt gluing** unit with separate processing of spine and side glue, an integrated 25 kg premelter for the spine gluing unit and automatic length control for spine and side gluing. The side gluing unit can be adjusted by motors to the required product thickness.

**PUR gluing** with patented integrated barrel melting system can be offered as roller system or as nozzle system Quickjet. The Quickjet is an volume controlled system and ensures an exact application of the glue due to its ideal arrangement of the gear pump and nozzle head.

**Cold gluing** unit with separate processing of spine and side glue, a pneumatic pump for the glue circuit comprising 30 kg pails and an automatic length control system for spine and side gluing. The contra-rotating spinner ensures precise and even application of the glue.

Spine preparation in detail



### Excellent binding quality thanks to perfect spine preparation

The powerful 5.5 kW spine processing system, with main milling unit, multiple knife head and dust extraction system, ensures perfect preparation of book spines. The multiple knife head, as the centrepiece of spine preparation, exposes the paper fibres by precise cutting with its sharp-edged duplex blades to increase the adhesive surface. The protective cover of the milling unit is adjusted automatically.

### Universal and easy to use: The rotary cover feeder

The easy-to-use rotary cover feeder assists in processing 4, 6 and 8 page covers. The slight inclination of the cover magazine minimizes friction, in particular for sensitive covers.

The **scoring station** guarantees optimal scoring for different cover materials. The space between the main scores and the cover width can be adjusted automatically.

### Gauzing station

The gauzing station can be integrated into the system without any extension of the machine. Cycle-controlled suction and blowing air in the aligning table permits exact positioning of the gauzing strip. The gauzing strip can be cut to length using the circular cutters.



Gauzing station

### Delivery unit

The delivery unit with automatic setting of the product thickness provides smooth "non-drop" transfer of the products from the clamps. The delivery gripper (option) guarantees secure transfer of products.



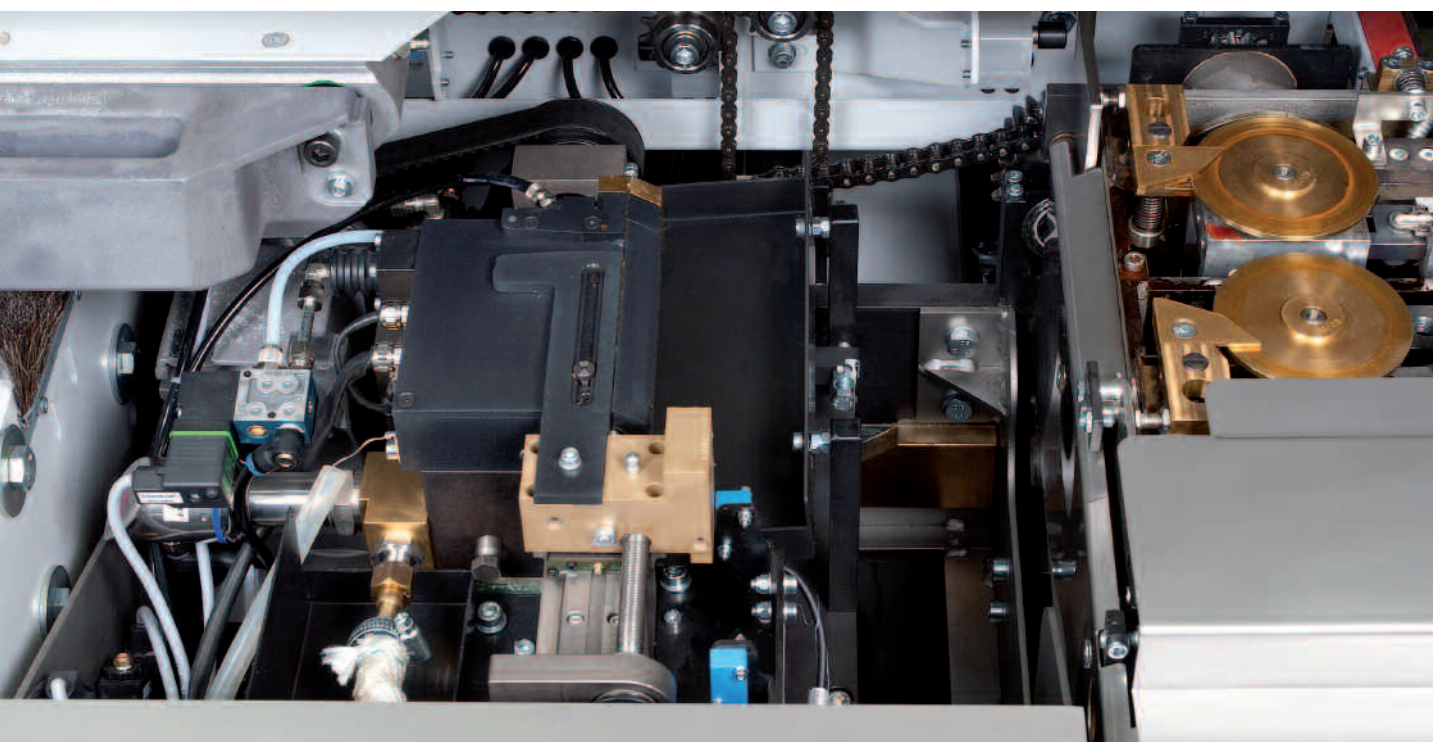
Hotmelt gluing

PUR gluing



Cold gluing

The **cleaning unit** for the PUR gluing unit allows safe and effective cleaning to be performed in accordance with pertinent trade regulations.



PUR nozzle system Quickjet