

KM 610

Multitalent for highest performance

The KM 610 perfect binder – multitalented machine for all types of perfect bound products and for book blocks. Proven KOLBUS perfect binder technology operates with all currently available types of glue. Processes book blocks up to 70 mm thickness. Barcode matching for handling digital print products.

- New machine design for improved functionality
- Interface design for Copilot® system
- Improved tooling for spine processing
- Ultra-dependable cover production

New machine design

Even at first glance, the new KM 610 machine generation looks balanced and contemporary. The sleek and dynamic design is the ideal exterior for this genuine 'state-of-the-art' perfect binder with highly dynamic setting axes. The transparent safety covers have been designed with ergonomic opening mechanisms for optimal access. The glue premelters are functionally adapted to the overall machine design.

More user-friendly – a better user experience

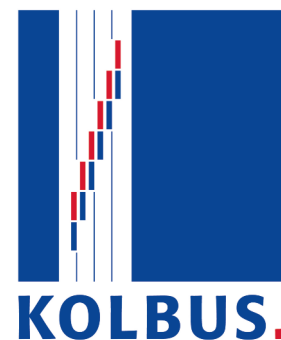
19" multi-touchscreens are the physical operator interface to the centralised control system and the KOLBUS Copilot® system. With the modular control concept for this production line, development engineers put a high priority on an advanced interface design that gives operators a clear overview. The system interfaces with them in an intuitive and target-orientated way, for example, with the option of personalising and customising interface screens.

Contact:

KOLBUS GmbH & Co. KG
– marketing services –
Bettina Bürger
Osnabrücker Straße 77
32369 Rahden, Germany
T +49 5771 71-349
F +49 5771 71-333
bettina.buerger@kolbus.de

www.kolbus.com

Voucher copy requested.



Potential for top product quality

The proven KM 600 KOLBUS perfect binder family stands for speed and precision. The new KM 610 continues the tradition with enhanced performance in important areas:

More performance for the spine processing unit

- with new geometries for the milling head and the roughening and notching tools and for clean, no-dust cuts with double and triple cutting

More precision even with the challenging demands of softcover production through:

- improved design of the cover, scoring and pressing station with axial adjustment via ball lead screw for reduced flexing thanks to low friction and smooth movements
- a new contour for the scoring tools
- increased stiffness for the pressing station (horizontal 200% increase, vertical 30% increase) for greater pressing force

Consistently flawless softcover and book block quality through to delivery

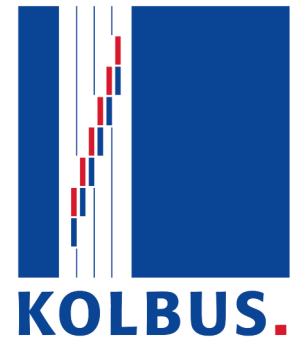
- thanks to optimised belt delivery with straight delivery as transition to the lay-down unit
- or optionally additionally with gripper carriage delivery which is even more gentle on the product

Better handling

Motor driven cover alignment during running production. A quick-change system for the pressure rails, characterised by simple clamping of the rails. Central lubrication boosts productivity by reducing maintenance frequency and maintenance costs.

System hardware for the KOLBUS perfect binder line

As part of an interconnected production line, the standard version KM 610 is equipped with AFS 702.A system hardware, for optimal operation with the KOLBUS 3·60 Assist (for remote service) and Maintain (for service support).



For enhanced system operation a customer-specific Workflow Design can be applied to incorporate other features and services for optimal production support. The basic AFS 702.A system hardware can be upgraded to AFS 702.W hardware so that it becomes a scalable platform capable of operating with other software components.

TECHNICAL DATA

KM 610.A

Block format range:

(width x height x thickness)

max. 320 x 383 x 70 mm

max. 190 x 460 x 70 mm

min. 100 x 105 x 3 mm

Block hangout after spine milling:

min. 8 mm | max. 15 mm

Number of transport clamps: 21/27/32

Mechanical speed:

5,000 to 8,000 cycles/h

KM 610.C

Block format range:

(width x height x thickness)

max. 320 x 383 x 70 mm

max. 190 x 420 x 70 mm

min. 100 x 105 x 3 mm

Block hangout after spine milling:
min. 8 mm | max. 15 mm

Number of transport clamps: 24/31/36

Mechanical speed:
up to 9,000 cycles/h

Net output will depend on the specific
product format, material, etc.

