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# KB2000S

A new dimension for Perfect Binding.

The rapid increase in short run digitally printed books has fuelled the need for a quick, compact and easy to use Perfect Binding machine. The KB2000S is an ideal fit into a short to medium run environment, offering a simple but highly effective soft cover book production system.

**Key Product Features**

- Book or block binding
- Adjustable press station
- LCD -Display
- Batch counter
- Air pump
- Fume exhauster
- Dust exhauster
- Spine preparation slit (on/off)
- Programmable press time
- Up to 240 books per hour
- Cabinet

With the professional multi-layer glue assembly including reverse rotating smoothing roller up to 240 books can be produced per hour.

The system is controlled and operated through a central operator panel. By pressing "Start + Go" button the binding process runs in full automatic mode. No special skilled operator is necessary.

A fume exhauster is integrated and can be connected with a flexible hose to any outlet.

The unique spine preparation with a new powerful slitting and sheet-fanning device allows the glue to penetrate for maximum adhesion for the sheets to be bound. An integral dust exhauster with bag comes as standard to catch any dust from the milling process. The binding method can be selected for padding or cover binding.

The sheets to be bound are held tightly in the clamp of the binding carrier by a pneumatic drive system. The clamp moves across the slitting/fanning device (on/off selectable) and the glue assembly into the cover-clamp section.

A pneumatic driven cover attachment and sidepressing unit finishes the book for a professional appearance. The cover attachment can be set up in relation to thickness of spine and substrate of cover. The pneumatic system is silent running.



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## technical specifications

Maximum book size	305mm x 320mm
Minimum book size	60mm x 120mm
Spine thickness	3 sheets 80gsm minimum - 60mm maximum
Cover size	320mm x 780mm
Cover weight	350gsm
Books per hour	Up to 240
Glue pre-heating time	30 minutes maximum
Binding system	Hot melt (EVA)
Glue application system	2 application rollers, 1 scraper roller
Dimensions	L 1320mm x W 670mm x H 1380mm
Weight	185kgs
Power requirement	16amp 240v 50/60hz

Note: the production speed varies according to material size

#### \*Disclaimer

As part of our continued product improvement plan, specifications and information published here are subject to change without notice.

All specifications are dependent on application, type of stock, temperature, RH and print engine used.

Specifications quoted were measured on uncoated and unprinted stock.

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