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Digital Finishing for Digital Printers
morgana

DigiBook 150

A new dimension to PUR Binding.
Four times stronger than hot melt.

PUR is the strongest, most flexible binding adhesive available and offers several additional advantages over other binding adhesives. When inks, coatings or digital print toners are present in the spine area these can compromise the strength of typical hotmelt perfect binding. PUR is resistant to this and will form a super-strong bond with all weights and finishes of paper stocks. In addition PUR works well with synthetic and recycled-content stock.

The DigiBook 150 is an entry level PUR binder and is ideally suited to traditional and digital printers who require short runs of PUR perfect bound books to a professional standard. The DigiBook 150 is equipped with a patented closed gluing system where the spine and side gluing is applied by a slot applicator for the utmost binding quality and accuracy.

Key product features:

- **150 cycles per hour**
- **Touch screen operation**
- **Binding length (spine) from 110mm up to 320mm**
- **Spine thickness from 2 to 50 mm**
- **Spine preparation by sophisticated notching device**
- **Paper chip extractor**
- **Patented hermetically sealed PUR application system for spine and side gluing with automatic glue cut-off**
- **Automatic cleaning and sealing of the glue head**

The machine is easy to use, even by non-specialised personnel, and operated via a touch screen panel with icon graphics that allow the programming of all precision operations in just a few seconds.

An additional feature of the DigiBook 150 is the new and innovative glue application system which is covered by no less than seven international patents. The application is direct and hermetically sealed, without odour or toxic fume emissions, and does not require extraction fans. It is possible to set different temperatures for the glue melting tank and the applicator giving greater flexibility and glue life. Another feature of this applicator is it can be cleaned and sealed automatically from the touch screen allowing for minimum glue wastage.

The PUR glue is applied on the book spine and on the sides by independent glue slots, each of which can be adjusted to give the best possible spine and side glue results. The quantity is determined by the height of the applicator and the pressure applied, thus allowing any kind of book to be bound with maximum ease.

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technical specifications

Cycles per hour	Up to 150
Number of clamps	1
Touch screen	Yes
Maximum book size	380mm x 320mm
Minimum book size	120mm x 110mm
Milling width	3mm
Block/spine thickness	1 – 50mm
Cover dimension maximum	700mm x 380mm
Cover dimension minimum	222mm x 120mm
Maximum cover weight	400 gsm
Dimensions	L 1670mm x W 1070mm x H 1560mm
PUR glue tank capacity	2kg
Machine weight	400kg (gross) - 250kg (net)
Power requirement	220v, 13 amp

Note: the production speed varies according to material size

Compressed air required: minimum 7 bar/maximum 9 bar

*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.
E & OE.

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