

Morgana DigiBook 200 Automatic PUR Perfect Binding Machine

Product Spec Sheet



Provided by

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DigiBook 200

The latest in 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 200 is suited to traditional and digital printers who require short to medium runs of PUR perfect bound books to a professional standard. The DigiBook 200 is equipped with a patented closed gluing system where the spine and side gluing is automatically applied by a slot applicator for the utmost binding quality and accuracy.

Key product features:

- Up to 200 books per hour
- Touch screen operation with automatic set up
- Binding length (spine) from 4.3" up to 14.9"
- Spine thickness from 0.07" to 1.96"
- Adjustable spine preparation by sophisticated milling and notching device
- Paper chip extractor
- Patented hermetically sealed PUR application system for a spine and side gluing with automatic glue cut-off
- Automatic cleaning and sealing of the glue head
- Electronic connection to Morgana Autocreater Pro for cover creasing

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. The DigiBook 200 automatically measures the book thickness and sets the machine ready for production in seconds.

An additional feature of the DigiBook 200 is the 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



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Another feature of this applicator is it can be cleaned and sealed automatically from the touch screen allowing for minimum glue wastage.

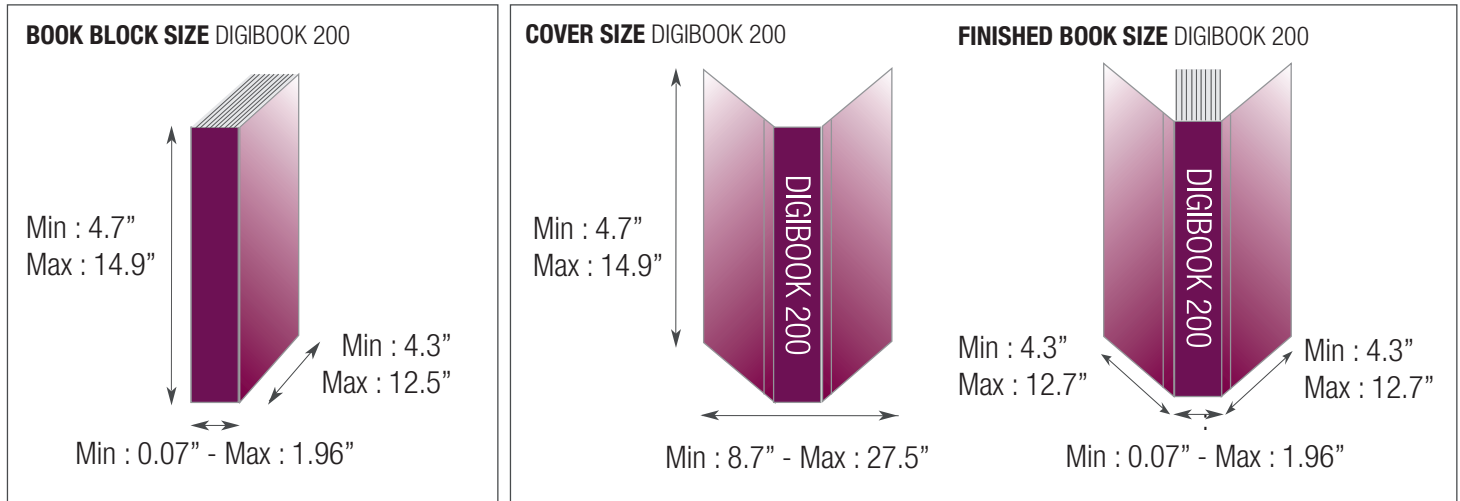
The PUR glue is applied on the book spine and on the sides by independent glue slots, each of which can be adjusted to give the best possible spine and side glue results. The quantity is determined by the height of the applicator and the pressure applied, thus allowing any kind of book to be bound with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

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technical specifications



Books per hour	Up to 200
Number of clamps	1
Touch screen	Yes
Spine length: Max / Min	14.9" x 12.6"
Book Height: Max / Min	4.7" x 4.3"
Block/spine thickness	0.07" - 1.96"
Cover dimension maximum	27.5" x 14.9"
Cover dimension minimum	8.7" x 4.7"
Cover weight	400gsm
Dimensions	L 69.6" x W 35.4" x H 50"
PUR glue tank capacity	Up to 6lb.6oz
Machine weight	552lb.3oz
Power requirement	208-240v 50/60Hz 16amp

OPTIONS

Optional extended cover kit

Note: the production speed varies according to material size

Connection to AutoCreaser Pro 33/50

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.

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