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Adventure

A new dimension to PUR Binding. High strength, lay flat and 4 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 Morgana Adventure series is ideally suited to traditional and digital printers who require short runs of PUR perfect bound books to a professional standard. These innovative machines are 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

- **Touch screen operation complete with automatic format change.**
Format change by data input into job memory (50 programmes)
- Electric opening and closing of clamp
- Binding length (spine) from 120 up to 450 mm
- Spine thickness from 2 to 50 mm
- Spine preparation by sophisticated milling device
- Paper chip extractor
- Unique sophisticated inbuilt closed PUR application system for spine and side gluing with automatic glue cut-off
- Automatic cover press with adjustable timer
- Mechanical machine speed 200 cycles per hour
- Open flat binding

The Adventure sets new standards in the field of single clamp PUR perfect binding with a machine speed of up to 200 cycles per hour. The unique glue applicator allows for very precise thickness of spine and side gluing allowing books of up to 50mm thick to be professionally finished.

Short make ready times and easy operation allows production of large or small runs economically and quickly. The Morgana Adventure meets today's market requirements for professional equipment giving high quality, super strength binding.



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technical specifications

Cycles per hour	Up to 200
Number of clamps	1
Touch screen	Yes
Binding length	Min. 120mm / max. 450mm
Binding height	Min. 90mm / max. 310mm
Block/Spine thickness	2 - 50mm
Cover dimension maximum	700mm x 440mm
Cover dimension minimum	240mm x 110mm
Cover Height	Min. 120mm / max. 360mm
Cover Weight	120 - 350 gsm
Dimensions	L 1500mm x W 810mm x H 1313mm
PUR glue tank capacity	2kg
Weight	210kgs
Power requirement	16amp 240v 50/60hz

Options (Must be specified at the time of order)

Automatic Thickness Measurement with direct input to the Binder PLC

Rear cover guide at nipping station adjustable from touch-screen

Cutting depth adjustable from 0 to 2 mm

Retractable device for cutting and notching (can be excluded for sewn books)

Gauze station for book block production

Automatic cleaning system for PUR nozzle

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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