

FREEDOM > 2K AUTO



- Fully automatic perfect binder with full connectivity
- BOD workflow automation using QR code



Salient Features

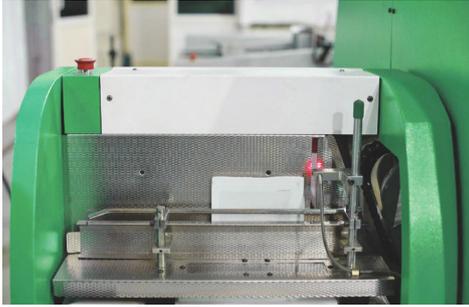
- Fully automatic perfect binder for short-to-medium run applications including books on demand.
- Quick job changeover in < 1 minute.
- Can be connected inline to a signature gatherer.
- Multi-function combination spine milling station with milling, micro notch, roughening, and brushing.
- Glue tank with 3 roller applicators with auto head and tail cut-off system Integrated Pre-melter, saving space as well as energy.
- Digital temperature control with accuracy of +/-1 ° Cel.
- Replaceable glue station on castor wheels. Can attach Cold glue or PUR adhesive application system.
- Separate side gluing station with auto head and tail cut-off system, providing a uniform, thin layer of glue, that stays within the front cover score area.
- Automatic cover feeder with adjustable creasing attachment.
- Pre- register for covers., Cam driven cover nipping station .

- Control system with HMI providing all information on settings, speed, production data, energy consumption, stoppage, and maintenance warnings. Ability to send information.
- Book stacking at the delivery unit with butterfly wing book collector connected to lay down or vertical exit .
- Can be linked with automatic book block feeder for sewn / side stitched book blocks.
- Can be linked to a three knife trimmer.

OPTIONAL

- Fully Dust extraction system
- Book Block Feeder (for automatic feeding of book blocks)
- PUR Gluing with Nordson® melter and applicator
- Books on demand - Workflow automation using QR code

New Features



1. Book Infeed



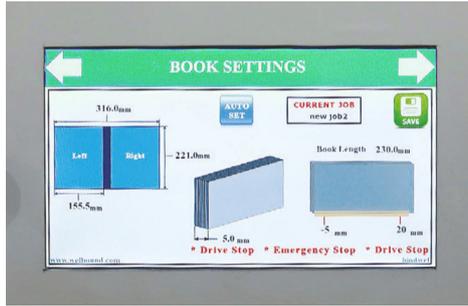
2. Milling Station



3. Spine Gluing Station



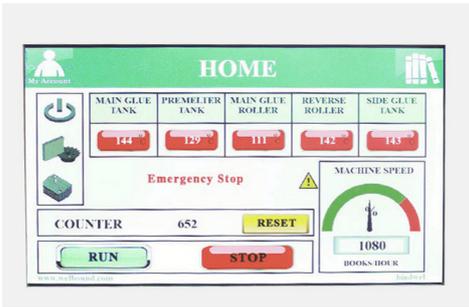
4. Book Collector Wing



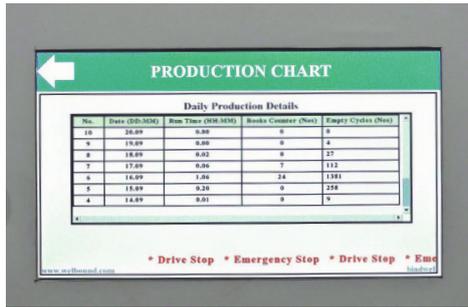
5. Book Setting



6. Interchangeable Glue Station



7. Main HMI Screen



8. Production Chart



9. Book Block Feeder

Technical Data

Manual Feeding Min Book Size (mm)	140 × 110
Manual Feeding Max Book Size (mm)	420 × 300
Inline Feeding Min Book Size (mm)	140 × 110
Inline Feeding Max Book Size (mm)	380 × 240
Book Thickness (mm)	3 to 50

Technical Data

Centralised Adjustment Automatic Maximum Clamp Opening (mm)	65
Mechanical Speed	2100 books per hour
Power Requirement	415V, 3 Phase, 50 Hz (22 kW)
Air Requirement (Dry Air)	9 CFM, 8 bar
Bar Book Stacking at delivery	Lay down or Vertical



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