

DB-280

Desktop Perfect Binder



FEATURES

- *Makes a wide range of book sizes from 1.97" x 4.72" to 12.6" x 15.75"*
- *Single-operator design for greater productivity*
- *Fast and easy setup and changeover*
- *Unique notching method provides maximum glue penetration*
- *Improved clamping and nipping system*
- *Dust removal*

The user-friendly automatic desktop perfect binder DB-280 brings professional perfect binding to your desktop. Producing up to 200 books per hour, the DB-280 is ideal for short-run, on-demand printing applications.

With the automated performance and other outstanding features typically reserved for more expensive machines, the DB-280 provides centrally located controls for single-operator efficiency. Electronic operation and a clearly marked LED display ensure more precise settings, while a quick push of a button converts the machine for padding jobs.

Simply place flat sheets into the clamp where pages are gripped automatically and the binding process is started. A double pass over the roughening cutter provides superior notching to ensure superb glue penetration for a perfect bind. Its clamping and nipping system also ensures consistent square binds.

Innovative features of the DB-280 include a dust extractor as well as two glue drums which provide a more durable bind and additional glue capacity. The DB-280 also has tape binding capabilities and with a quick push of a button, can convert to a padding function where only the precise amount of glue is added to complete perfectly bound note pads.

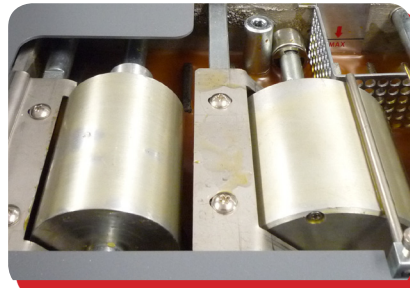
For added convenience and efficiency, the DB-280 features a cover detection mechanism at the nipping station that assures the clamp will not travel back to the nipping position until the cover stock is in position. Optimum operator convenience is further ensured by the ability to preset nipping and clamping time and by a stand-by mode that allows periodic interruptions in production while minimizing glue deterioration. A safety cover on the notching blade to ensure operator safety and finished book counters round out the user-friendly DB-280.

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A simply **control panel** and LED for single operator use is extremely easy to understand and operate. The menu guides the operator through the entire binding process.



Using a specially formulated **EVA glue** creates a stronger bind and allows the binding of a wider range of paper types and weights. Binding with this new type of glue and with the addition of the second glue applicator drum, the DB-280 ensures a stronger bind and a quality finish.



A uniquely designed **nipping mechanism** applies powerful nipping pressure and produces a square and precise book spine of professional quality. The nipping table presses the wrap-around cover or tape on all three sides of the spine to ensure perfectly square spines every time.

BINDING MODES

Perfect Binding



Binds loose sheets with a cover wrapped around the spine

Tape Binding



Binds loose sheets with a strip of tape

Padding



Binds loose sheets together on the spine

SPECIFICATIONS

Max. Book Size 12.6" x 15.75" (320 mm x 400 mm)

Min. Book Size 4.72" x 1.97" (120 mm x 50 mm)

Max. Cover Size 12.6" x 33" (320 mm x 838.2 mm)

Max. Binding Thickness 1.6" (40 mm)

Glue Warm-up 25 minutes*

Glue Warm-up in Stand-by Mode 5 minutes

Cycle Speed Up to 360 cycles per hour

Production Speed Up to 200 books per hour

Operation Modes Pad, tape, cover

Standard features Dust extraction, stand-by mode, LED display, error detection display

Power Source 110V 60Hz 15A (optional 220V 50Hz)

Power Consumption 10 amps

Dimensions (WxDxH) 50" x 22" x 19"

Weight 263 lbs.

* Varies upon glue type

Production rates are based on optimal operating conditions and may vary depending on stock and environmental conditions. As part of our continuous product improvement program, specifications are subject to change without notice.

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