

DB-280

Desktop Perfect Binder



Bringing user-friendly automation to the desktop.

IDEAL FOR

- Soft Cover Books
- Notepads
- Strip Bound Books

KEY 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.

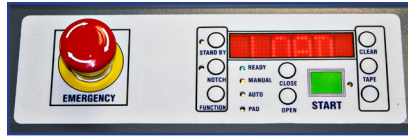
Simply place flat sheets into the clamp where pages are gripped automatically and the binding process is started. A double pass over the roughening cutter provides superior notching to ensure superb glue penetration for a perfect bind. Its clamping and nipping system also ensures consistent square binds.

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.

Create professionally bound books cost effectively.

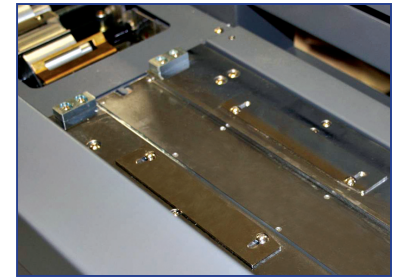
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A simple control panel and LED for single operator use is extremely easy to understand and operate. The menu guides the operator through the entire binding process.



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

Maximum Book Size	12.6" x 15.75" (320 mm x 400 mm)
Minimum Book Size	4.72" x 1.97" (120 mm x 50 mm)
Maximum Cover Size	12.6" x 33" (320 mm x 838.2 mm)
Maximum 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.

Distributed by **Duplo USA Corporation**
3050 S. Daimler Street, Santa Ana, CA 92705
(800) 255-1933 TEL (949) 851-3054 FAX
www.duplousa.com

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