# **Specifications**





# **PROFESSIONAL PERFECT BINDING IN A COMPACT UNIT**

Maximum Book Size	320 mm (spine length) x 400 mm	Pro
Minimum Book Size	80 mm (spine length) x 50 mm	Not
Maximum Cover Size	320 mm (spine length) x 838.2	Оре
	mm	Sta
Maximum Binding Thickness	40 mm	
Glue Warm-up	25 minutes	Pov
Glue Warm-up in Stand-by	5 minutes	Din
Mode		We
Cycle Speed	Up to 360 cycles per hour	

	Production Speed	Up to 200 books per hour
	Notching	Double pass
	Operation Modes	Pad, tape, cover
	Standard Features	Stand-by mode, LED display,
		error detection display
	Power Source	220/240V, 50Hz/10A
	Dimensions (WxDxH)	1,270 mm x 559 mm x 483 mm
	Weight	120 kg



# **DB-280 PERFECT BINDER**

Single operator machine Up to 200 books per hour User-friendly control panel **Multiple applications** 

Hard cover books, Soft cover books, Tape bound books, Note pads

The user-friendly automatic perfect binder DB-280 brings professional perfect binding to your desktop. This compact machine is the ideal solution for short-run and on-demand printing applications.



#### Easy to operate

Achieve a book-bound quality without the need of a skilled operator, the LED display panel guides the operator through the entire binding process.



**STAND** 

 $\bigcirc \mathbf{BY}$ 

#### **Strong Bind**

The DB-280 features two glue drums which provide additional glue capacity. Combining this with a wide notching tool results in a more durable bind.

### Stand-by Mode

Avoid lengthy start-up times by selecting Stand-by mode, this feature lowers the temperature of the glue, preventing it from burning and deteriorating. This feature provides real peace of mind should there be any interruptions in production. The DB-280 also maintains the quality of the glue by performing a self-test, stirring the glue in preparation for operation.

#### **Multiple Applications**

The DB-280 is able to produce an array of applications. Soft cover binding, case binding, tape binding and padding can all be created with a quick push of a button.



#### **Automated Operation**

The DB-280 can be set to run automatically or manually. When in Auto mode, the full benefits of the DB-280 are shown through the automation of the clamping, release, nipping and binding functions with minimal user intervention and maximum productivity.

# **Control Panel**

The DB-280 provides an ergonomic control panel 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.

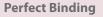
# **Nipping Station**

Two glue drums for strong bind

The DB-280 uses a uniquely designed nipping mechanism that applies powerful nipping pressure and produces a square and precise book spine of professional quality. The nipping table presses the wrap-around cover on all three sides of the spine to ensure perfectly square spines every time.

# Notching

The binding process includes a double pass over the unique notching system to ensure excellent glue penetration. The DB-280 now uses a wider notching blade that will cut deeper and wider notches into the book block to enable the glue to penetrate further into the grooves, this in turn creates a stronger bind.

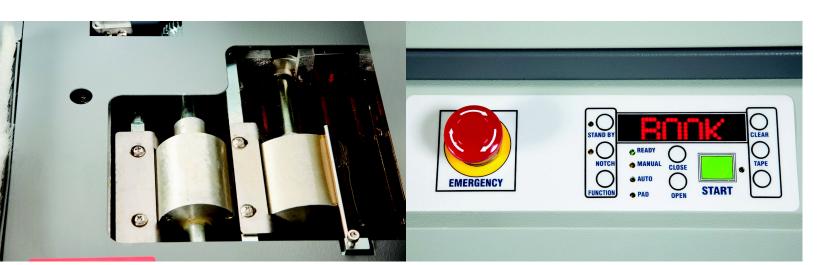


Binds loose sheets with a cover wrapped around the spine

**Tape Binding** Binds loose sheets with a strip of tape

**Case Binding** Binds loose sheets together directly onto a hard cover

Padding Binds loose sheets together on the spine without notching





User-friendly control panel

Notching



#### Convenience

For maximum efficiency, the DB-280 features a cover detection sensor at the nipping station, this ensures that the clamp will not travel back to the nipping position until the cover stock is in position. For added convenience the operator has the option to preset the nipping and clamping time.



