



## MASTERBIND 50B Perfect Binder

A single clamp perfect binder with side glue, ideal for the Digital POD market. With its small footprint delivering fast, high quality finished results.



### Customer benefits:

- Two glue pots for the application of both side and spine gluing.
- The 50B can be operated in a manual mode for one off jobs, or automatic made for continuous binding
- Quick pre-heat time for faster operation
- Perfect for small to medium run applications
- Milling and cutting can be turned off for padding application
- Vertical cover clamping for a crisp spine edge
- Adjustable cover clamp pressure and time to ensure a strong hold
- Fitted with a paper dust extraction system
- Binding thickness of up to 50mm
- No compressed air required
- On wheels for easy access or to relocate when not in use

### Maximum:

 Width  
**320 mm**

 Book Block thickness  
**50 mm**

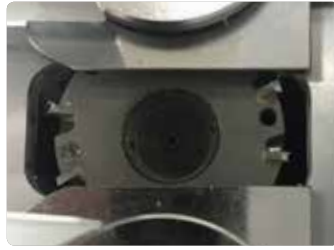
### Output:

 Blocks per hour  
**480 blocks**

 Cover Thickness  
**70-300 gsm**



The large book clamp can hold a maximum book block of 50mm.



The Milling and Notching wheel exposes the fibre prior to the application of glue to provide the highest possible bonding strength.

The wheel can also be turned off for book padding.



Individual glue pots for the spine and side glue applicators, giving greater flexibility.

This also allows the user to operate the equipment with either both glue operations or just a spine glue.



Individually adjustable left and right clamping height adjustment can be set to achieve square or rounded spine edges.

The MASTERBIND 50B is a simple to operate, single clamp accurate perfect binder with a block thickness of up to 50mm and a binding edge of 320mm. It comes standard with automatic clamping, milling and notching. The machine runs on a standard 220~240V household 10amp power supply and does not require an air compressor. Mounted on wheels and specifically developed and designed for the small to medium sized operation, it will not look out of place in your front office or factory and can be easily moved aside when not in use.

| Technical data:                         | MASTERBIND 50B                                                                                 |
|-----------------------------------------|------------------------------------------------------------------------------------------------|
| Book Blocks per hour:                   | 480                                                                                            |
| Min. width:                             | 100 mm                                                                                         |
| Max. width:                             | 320 mm                                                                                         |
| Min. Cover thickness:                   | 70 gsm                                                                                         |
| Max. Cover thickness:                   | 300 gsm (Thicker stock possible with addition of creaser / scorer to ensure crisp spine edges) |
| Min. book block thickness:              | 5 mm                                                                                           |
| Max. book block thickness:              | 50 mm                                                                                          |
| Adhesive:                               | Digital stock friendly Hotmelt EVA                                                             |
| Glue-melt time:                         | <30 min                                                                                        |
| Operation:                              | Manual & Automatic mode                                                                        |
| Clamping Style:                         | Vertical Clamp                                                                                 |
| Machine weight:                         | 190 kg                                                                                         |
| Machine packaging dimensions L x W x H: | 1180 x 520 x 950 mm                                                                            |
| Machine weight with packaging:          | 280 kg                                                                                         |
| Power requirement:                      | 230V~50Hz                                                                                      |