

DuBinder Specifications

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| Clamps | Single |
| Cycling Speed | 525 cycles per hour |
| Book Thickness | 1-51 mm |
| Book Size (Spine x Top-edge) | Max 360 x 320 mm Min 120 x 120 mm |
| Cover Size | Max 360 x 696 mm Min 120 x 250 mm |
| Cover Weight | 80-302 gsm |
| Cover Pile Height | 70 mm |
| Max Milling Depth | 4 mm |
| Book Stacker Capacity | 200 mm |
| Warm-Up Time | 45 min |
| Features Include | Automatic set-up; creasing (4); side gluing; cover press position; cover feed table; book thickness; double sheet cover sensor; wrong book block sensor |
| Other Features | Touch screen; 20 job memories; milling/notching (4mm); weekly timer; heavy duty dust extractor; built in stacker (capacity of 200mm) |
| Glue Temp | 100-200°c |
| Power Supply | 3 phase, 380 - 415V / 50/60Hz + Neutral + Earth |
| Machine Dimensions (mm) | |
| Depth | 928 mm |
| Width | 2790 mm |
| Height | 1343 mm |
| Weight | 695 Kg |



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Ref: DuBinderBR/07

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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and reserves the right to amend the above
specifications without prior notice



Duplo™



DuBinder DPB-500
perfect binding on-demand

fully automatic
suction cover feed
programmable
cost-efficient





DuBinder DPB-500 perfect binding on-demand

versatile, simple, dependable

The high speed and precision engineering of the DuBinder DPB-500 makes it the most productive and cost-efficient perfect binder in its class. The fully automatic and single clamp design allows a cycling speed of 525 cycles per hour.

suction cover feed

The A.M.S (Air Management System) ensures that each cover is accurately fed without marking. The cover is then presented automatically onto the nipping table. An illuminated line indicates to the operator the correct crease position on each cover.

creasing

The 4 creasing tools are accurately positioned automatically from the touch screen. The optional 'Wing' creasing tool provides for flaps to both the front and the back of the cover.

glue application

The 3 glue cylinders offer pre-gluing, coating and surplus glue removal. Variable glue length is automatically controlled via the touch screen. The 2 side gluing discs automatically adjust for each book thickness, whilst a low level warning indicates to the operator when the tank needs replenishing.

professional results

Duplo's DuBinder is a simple to use, single-clamp system that produces a strong bind and quality results. It creates a sleek and professional look on a range of applications including books, directories, manuals and magazines, and can successfully handle output from both offset and digital devices.

productivity through full automation

The DuBinder offers state-of-the-art automation, which in turn leads to a reduction in set-up times and costs, making it perfect for short run and variable print. The DuBinder can be programmed automatically to accommodate a range of specifications, including book thickness, side gluing and creasing, cover guides and press position.

As well as offering economical and efficient short runs, the DuBinder's highly productive cycle speed of up to 525 cycles per hour makes it suitable for longer run lengths.

reduced make-ready

Installing and accessing information can be done simply via the touch screen monitor, from which the machine can process a stored job within thirty seconds, significantly reducing make-ready times.

accurate cover feeding

The DuBinder's suction belt cover-feed provides a smooth and accurate delivery of the cover to each book every time. Four scoring accessories move in pairs according to the spine width so that the hinge is always in the correct location on the front and rear covers. Cover sheet sizes range from 360 x 696mm and 120 x 250mm. The optional wing crease tool is available for the production of flaps to both the front and back of the cover.

user friendly operation

One of the DuBinder's key attributes is its easy-to-use integrated controls, which allow the device to achieve a book-bound quality without the need of a skilled operator.

A simple and easy to use touch screen allows the operator to select from one of the 20 job memories. The system's range of inbuilt features such as the double cover detector and the book thickness sensor ensure it operates with utmost precision and accuracy at all times, which ultimately reduces wastage.

extensive range of book sizes

The DuBinder is capable of binding a wide range of materials with a maximum booklet size of 360 x 320mm and minimum size of 120 x 120mm.

optimised ergonomics

Finished material is presented back at the operator's loading table, allowing greater productivity, efficiency and optimised ergonomics.

delivery

The built-in stacker ensures that a neat and unmarked book is perfectly presented onto its spine. A 200mm capacity allows for continuous production, and a 'Stack Full' sensor indicates to the operator when the books need to be removed.

touch screen display

A user friendly and simple to operate touch screen control panel allows the operator to program each job and store them in one of the 20 job memories. Each job can then be simply recalled for future use.

milling / notching

A heavy duty motor and high speed steel milling and notching tool ensure that an accurate and flat spine is prepared prior to gluing. Up to 4mm can be removed from the spine when folded sections are being produced.



professional, perfect binding on-demand

Duplo™