

BOMBARDIER 2

AUTOMATIC CASING-IN MACHINE



MAIN FUNCTIONS

The casing-in machine **Bombardier 2** can combine board book blocks with various types of cases: hard covers, padded cases, paperboard covers and cases with windows. The special feature of this machine is that glue is applied onto the case and not on the book block as is customary. Dedicated software allows the glue to be applied by nozzles so that you don't need to make any dies or clean the glue tank. Cases are forwarded open through the machine, the glue is applied by nozzles onto the cases and then book blocks are attached onto the cases. Thanks to its modular build, the machine offers cost-effective casing-in of books up to 35 mm thick.

The machine is composed of:

- Case feeder: rigid board cases with or without padding
- Paperboard cases.
- Vinyl gluing station for selective gluing.
- Book block feeder.
- Casing-in station.
- Pre-pressing station.
- Delivery on a stacker.

All requested machines may be equipped with Joint forming unit. Latest technology was employed to guarantee long lifetime and minimum maintenance of the line.



**HARD COVER
BOARD BOOK**



**PAPERBOARD CASE
BOARD BOOK**



**PADDED COVER
BOARD BOOK**

TECHNICAL DATA

HARD COVER

Max. - Min. size open board case:	400 (spine) x 600 mm - 120 (spine) x 250 mm
Max. width spine:	35 mm + th. of 2 cover board
Min. width spine:	5 mm + th. of 2 cover board
Max. - Min. board thickness:	3 mm - 1,8 mm
Max. - Min. book block size:	350 (spine) x 250 mm - 120 (spine) x 105 mm
Max. - Min. board book block thickness:	35 mm - 5 mm
Max. board thickness with padding:	4 mm

PAPERBOARD CASE

Max. - Min. size open paperboard case:	400 (spine) x 500 mm - 120 (spine) x 210 mm
Max. - Min. width spine:	38 mm - 5 mm
Max. - Min. paperboard thickness:	0,8 mm - 0,35 mm
Max. - Min. book block size:	350 (spine) x 250 mm - 120 (spine) x 105 mm
Max. - Min. board book block thickness:	35 mm - 4 mm

GLUING STATION

Type of glue:	Vinyl
Dispensing of glue:	Pneumatic
Type of gluing:	Dot, Line
Min. diam. for the glue dot:	5 mm
Distance between nozzles:	16 mm

GENERAL TECHNICAL DATA

Mechanical speed:	Up to 2400 pcs / h
Power supply:	380 V / 50 Hz / 3 Ph
Dimensions:	6150 x 140 x 140 cm