

P-FLEX

Embossing machine



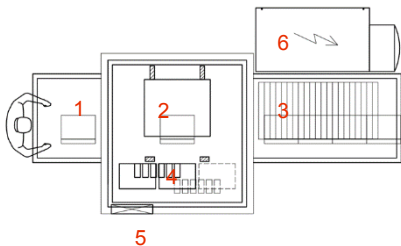
Figure: Automatic machine model with two embossing stations (P-FLEX 2P)

The P-FLEX is a versatile embossing machine which is available in two basic versions. The fully automatic version (see photo) processes products from pile to pile. With the manual version insertion of the products is performed by an operator. Both machine types can handle all standard product in formats ranging from A6 to A4, whether finished or semi-finished products. A

consistently high embossing quality is ensured thanks to the servo-drive embossing process.

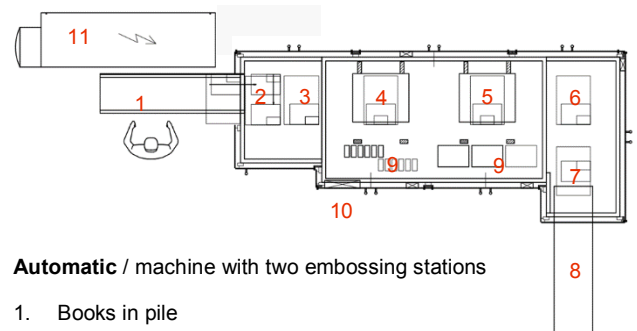
The machine can be ordered with one or more embossing stations, as well as with various different options. They include labelling and the choice between a manual, fully or semiautomatic die exchange system.

TWO BASIC VERSIONS - TWO OPERATING PRINCIPLES



Manual / machine with one embossing station

1. Manual insertion
2. Embossing station
3. Buffered outfeed
4. Die exchange (manual, semi- or fully automatic)
5. Terminal
6. Electrical cabinet



Automatic / machine with two embossing stations

1. Books in pile
2. Insert / separate
3. Align / open
4. Embossing station A
5. Embossing station B
6. Label
7. Close / stack
8. Outfeed in pile
9. Die exchange (manual, semi- or fully automatic)
10. Terminal
11. Electrical cabinet

P-FLEX

Embossing machine

Products	Bound books (glued, Wire-O) Closed products Covers Calendar headboards
Formats	Books Height: 140 to 350 mm Width: 80 to 220 mm Thickness: closed products up to 10 mm (incl. covers) open products up to 40 mm (incl. covers) Covers Height: 140 to 350 mm Width: up to 500 mm
Embossing stations	Machine model available with one, two or more stations
Embossing head	Format: A6 or A4 Heating unit thermally insulated Temperature range: 20° to 180° C Active air cooling for fast cooling
Processes	Dry embossing Hot foil embossing
Die exchange	Fully automatic Semiautomatic Manual
Die	Bonded or screwed Customer dies possible using adapter
Labelling	Automatic application of labels Format 42 x 60 mm
Operators	100 % manpower

Output	1,200 - 1,800 pieces/hour
Change-over time	Order change: 1 - 5 minutes Format change: 5 - 15 minutes Product change: 10 - 20 minutes (e.g. from book to cover)
Technical data	Dimensions 6,300 x 3,300 x 2,000 mm (L x W x H) Weight approx. 6,000 kg

INTERESTING FEATURES

- Fully automatic die exchange
- Die preheating
- Short changeover times
- Customer dies possible using adapter
- Processing from pile to pile
- Embosses onto covers and cased-in products
- Servo-drive embossing process, range 0.2 - 7.5 tonnes
- Standard products can be processed automatically
- **3 years guarantee**

