

mitablock 450

Automatic hot melt section gluing machine



photobook
technology

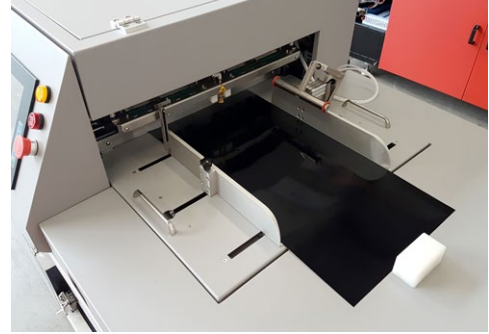
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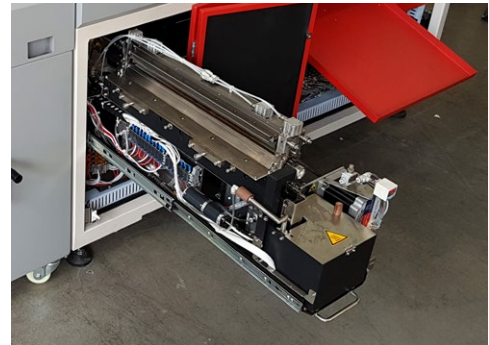
There is a constantly growing demand for LAY FLAT bound books, as the image of two adjacent-pages are not interrupted in the fold area. The mitablock 450 is a very compact, fully automatic machine for the production of albums, photobooks and promotional books in small quantities. The machine easily handles all substrates like silver halide paper, digital- and offset papers.

This technology is a Chinese development and patent protected in USA, EU and China. The mitablock 450 is manufactured to Photobook Technology specifications and standards. The machine carries out four operations in one passage. The one side printed sheets are fed singly into the machine from the feed magazine and are then being scored and folded. Then, a roller glueing system applies a very thin layer of pressure sensitive hot melt. At the final step, the glued sheets are attached to each other in perfect register to complete the finished LAY FLAT book block.

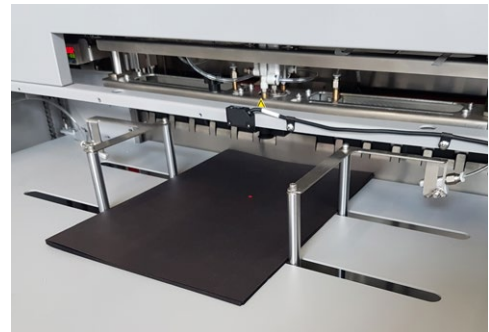
An important component of the machine is the integrated board feeder. This offers the possibility to place up to four boards between the folded sections. The cardboard inserts can be of different color.



Automatic sheet feeder



Hot melt roller glueing system



Integrated board feeder

mitablock 450

This unique binding process results in a very strong, stable book block and is very appealing for the viewer, due to the uninterrupted, panorama image, over two adjacent pages. This technology is used today primarily with manufacturers of photo books, but is becoming also increasingly popular for the graphic design of high quality catalogs and presentations of new products and projects.

This binding process is becoming a popular tool for digital printers and book manufacturers to enter new markets with higher added value.

Special features:

- ▶ Small floor space required
- ▶ Simple to operate
- ▶ Hot melt glue application
- ▶ Min. adhesive consumption
- ▶ Integrated board feeder
- ▶ Data input via touchscreen



Technical specifications

mitablock 450

| | | |
|--------------------------|---|---|
| Production speed | up to 420 sections/hour with cardboard up to 600 sections/hour without cardboard | |
| Open sheet size | min. 152 x 305 mm (min. 6 x 12 inches) | max. 460 x 920 mm (max. 18 x 36 inches) |
| Folded sheet size | min. 152 x 152 mm (min. 6 x 6 inches) | max. 460 x 460 mm (max. 18 x 18 inches) |
| Paper thickness | min. 0,15 mm | max. 0,3 mm |
| Board thickness | min. 0,35 mm | max. 1 mm |
| Electrics | 220 V 50 Hz | |
| Weight | ca. 650 kg (1433 lbs) | |

Technical specifications subject to change without notice

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