

mitablock 450

Automatic hot melt section gluing machine



We deliver the mitablock 450
in the following regions only:
Europe, Canada, North America



digi**book**⁺
technology

mitablock 450

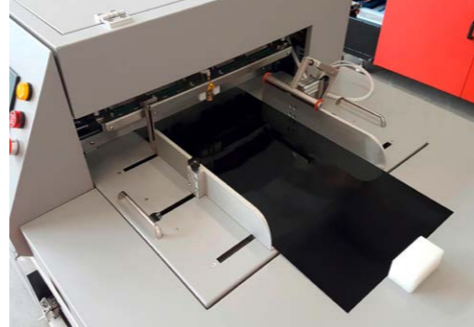
Automatic hot melt section gluing machine

The mitablock 450 is a fully automatic hotmelt section gluing machine for the production of lay flat book blocks – especially in oversizes (up to 450 mm x 450 mm). This type of block production is particularly suitable for the production of albums, photobooks or small runs of cardboards books for kids.

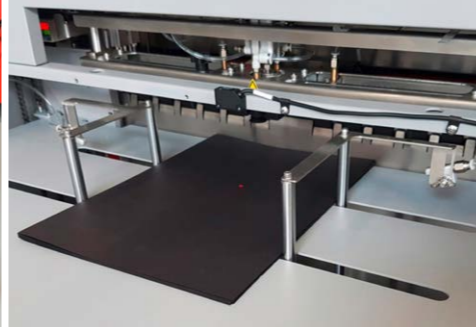
Due to its small size and comparatively low speed, the mitablock 450 is particularly suitable for starting the layflat business, as a backup or to cover large formats.

Special Features

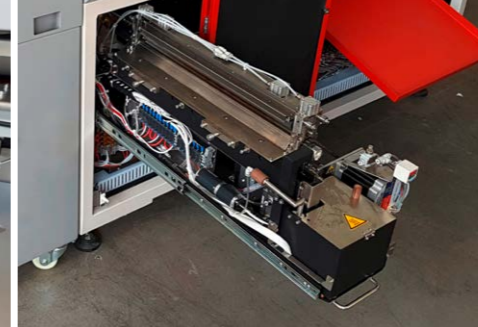
- ▶ The machine is equipped with a pile feeder for the printed sheets (including a double sheet detection) and a separate feeder for cardboards. It's possible to select different feeding schemes (like duplexing).
- ▶ There is no need to set up different formats, because the format data are transferred to the machine via the manually displaceable side guides of the feeder and an automatic measuring of the sheet length
- ▶ The machine is set by entering the number of signatures to be glued and the desired board scheme. Alternatively, it can get the information to complete a block via a print mark on the last sheet. In this way, blocks with different page counts can be produced continuously, without having to change the settings
- ▶ It can handle very different paper and board thicknesses and qualities. If necessary, the scoring tools and matrices can also be converted to different geometries
- ▶ The very thin hotmelt glue application (below 20 g/m²) is realised by a fixed glue roller
- ▶ The book block is set up horizontally on a table. The exact alignment is ensured by a sensor-controlled readjustment of each individual folded sheet
- ▶ The operation is done by one operator, who can also take on other tasks due to the speed of the machine



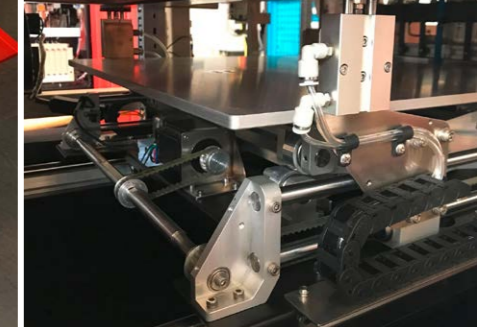
pile feeder for printed sheets



feeder for cardboards



removable glue roller with glue tank



adjustable gathering table

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Technical specifications

Speed	up to 600 sections per hour (without carton) up to 420 sections per hour (with carton)	
Height x width (open)	min. 152 mm x 305 mm	max. 460 mm x 920 mm
Paper thickness	min. 0,15 mm	max. 0,30 mm
Paper grammage	Minimum dependency on paper texture (more details after sampling)	
Cardboard thickness	min. 0,35 mm	max. 1,00 mm
Glue consumption	appr. 20 g/m ² (depending on paper-/ cardboard surface)	
Electrics	2 kW (220 V, 50 Hz)	
Air consumption	100 NI/min. (6 bar)	
Floor space	2,30 m (L) x 0,9 m (W)	
Weight	ca. 650 kg	

Technical specifications subject to change without notice

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