

mitablock

automatic lay-flat production



photobook  
technology

# mitablock

## automatic lay-flat production

This new development consists in a fully automatic section glueing machine, for the economic manufacturing of lay-flat book blocks. The mitablock is of modular construction.

**According to individual requirements, the "BASIC" machine configuration can be extended with the following elements as options:**

- creasing, folding, with additional pressing in fold area
- automatic feeder for cardboards to be glued between sections
- roll feed attachment

### Operation

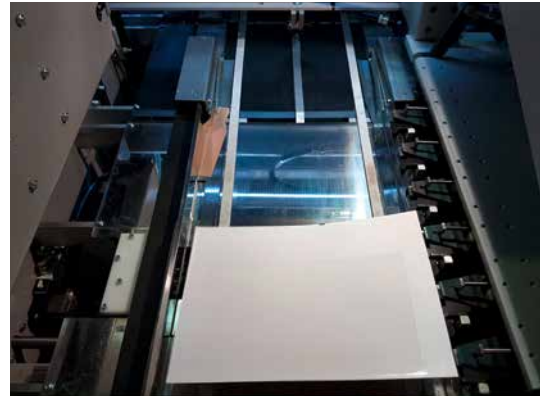
Folded sheets, coming either from a section feeder or from the creasing and folding unit, are transported into the gluing station. Following the hot melt application, each section is re-registered before it is placed in perfect register onto a vacuum platform, which builds the book block, assuring a perfectly square spine. The same platform presses the finished block before placing it horizontally onto the delivery table.

### Special Features

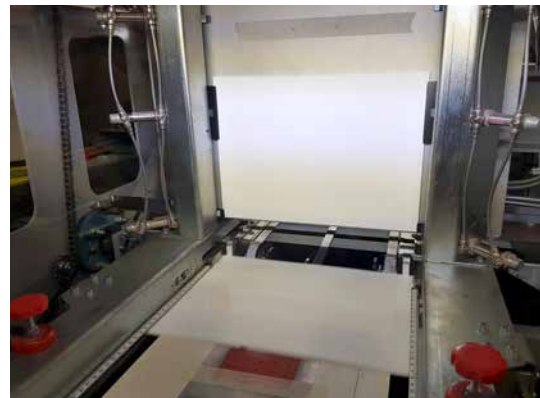
- modular construction
- computer actuated hot melt spray application
- simple construction and ease of operation
- wide product size range



Hotmelt glue application



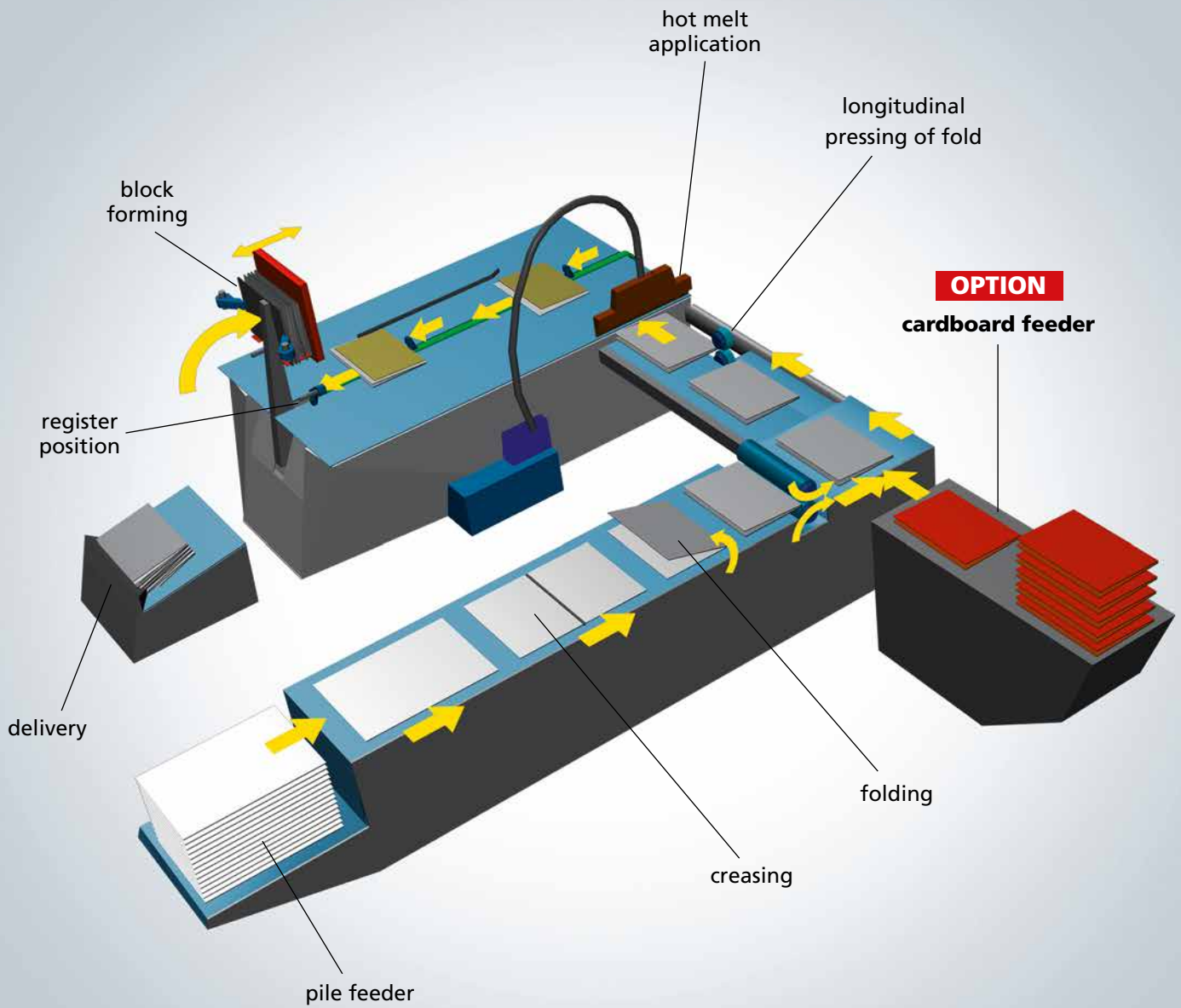
Cross transport after glue application



Block forming station



mitablock



**Because of its modular construction the mitablock can be supplied in 2 versions:**

▶ **mitablock BASIC**

consisting of the following workstations:

- feeder for folded sections
- longitudinal pressing of fold
- hot melt application
- assembling
- pressing
- delivery

▶ **mitablock XL**

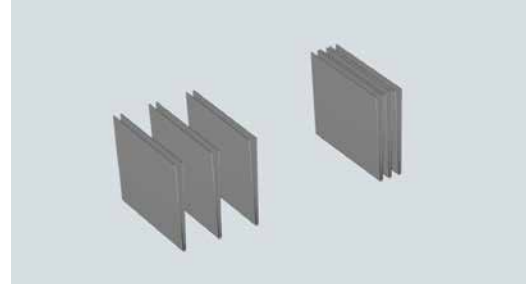
consisting of the following workstations:

- pile feeder
- creasing
- folding
- longitudinal pressing of fold
- hot melt application
- assembling
- pressing
- delivery

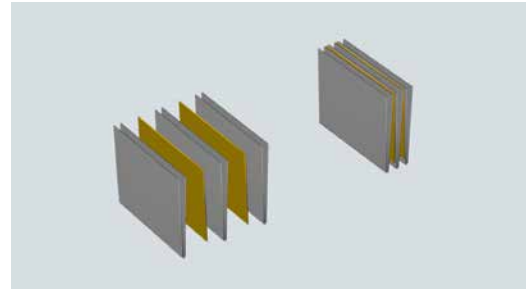
**OPTION**

**Cardboard feeder**

Integrated cardboard feeder to automatically feed cardboards to be glued between sections.



Folded 4-page sections glued back to back.

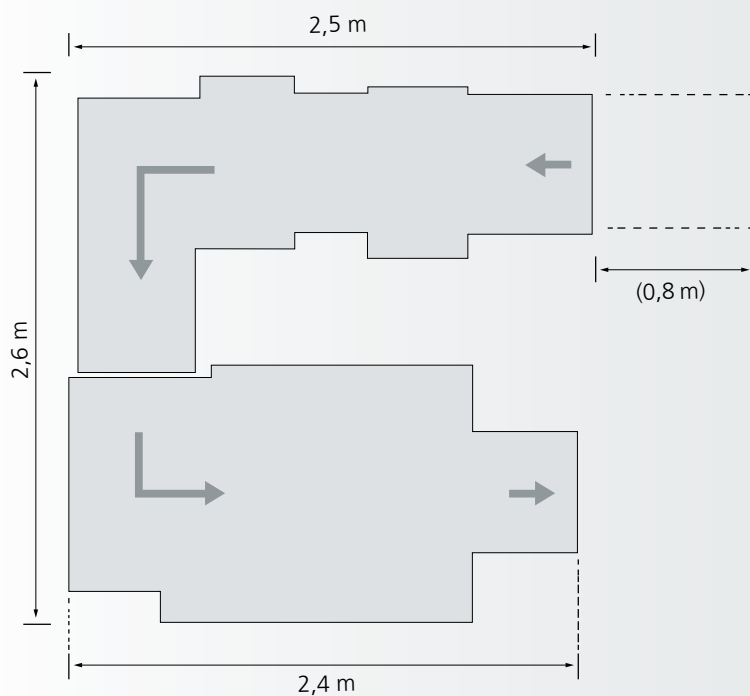


With the option **cardboard feeder** a raised cardboard can be automatically inserted and glued between the folded sections.



# mitablock

## Floor plan



## Technical specifications

### ▶ **Folded sheet size**

#### **back to front:**

min. .... 135 mm (5 ½ inches)

max. .... 450 mm (17 ¾ inches)

#### **height**

min. .... 135 mm (5 ½ inches)

max. .... 400 mm (15 ¾ inches)

### ▶ **Block thickness**

max. .... 40 mm (1 ½ inch)

### ▶ **Speed**

depending on size,  
up to 1'700 sections/hour

*Technical specifications subject to change without notice*

### **Photobook Technology PBT sagl**

Via Angelo Maspoli 21

CH - 6850 Mendrisio • Switzerland

T +41 91 6467930 • F +41 91 9932250

info@photobook-technology.com

www.photobook-technology.com