

mitablock

automatic lay-flat production



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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

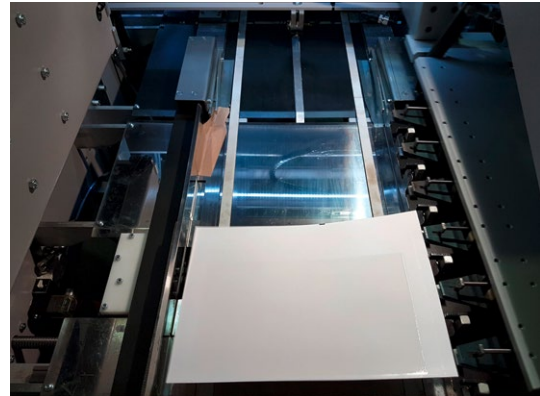
Folded sheets, coming either from a section feeder or from the creasing and folding unit, are transported into the gluing station. Following the hot melt application, each section is re-registered before it is placed in perfect register onto a vacuum platform, which builds the book block, assuring a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

Special Features

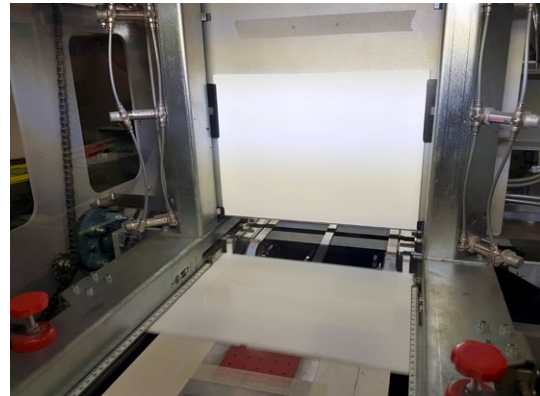
- modular construction
- computer actuated hot melt spray application
- simple construction and ease of operation
- wide product size range



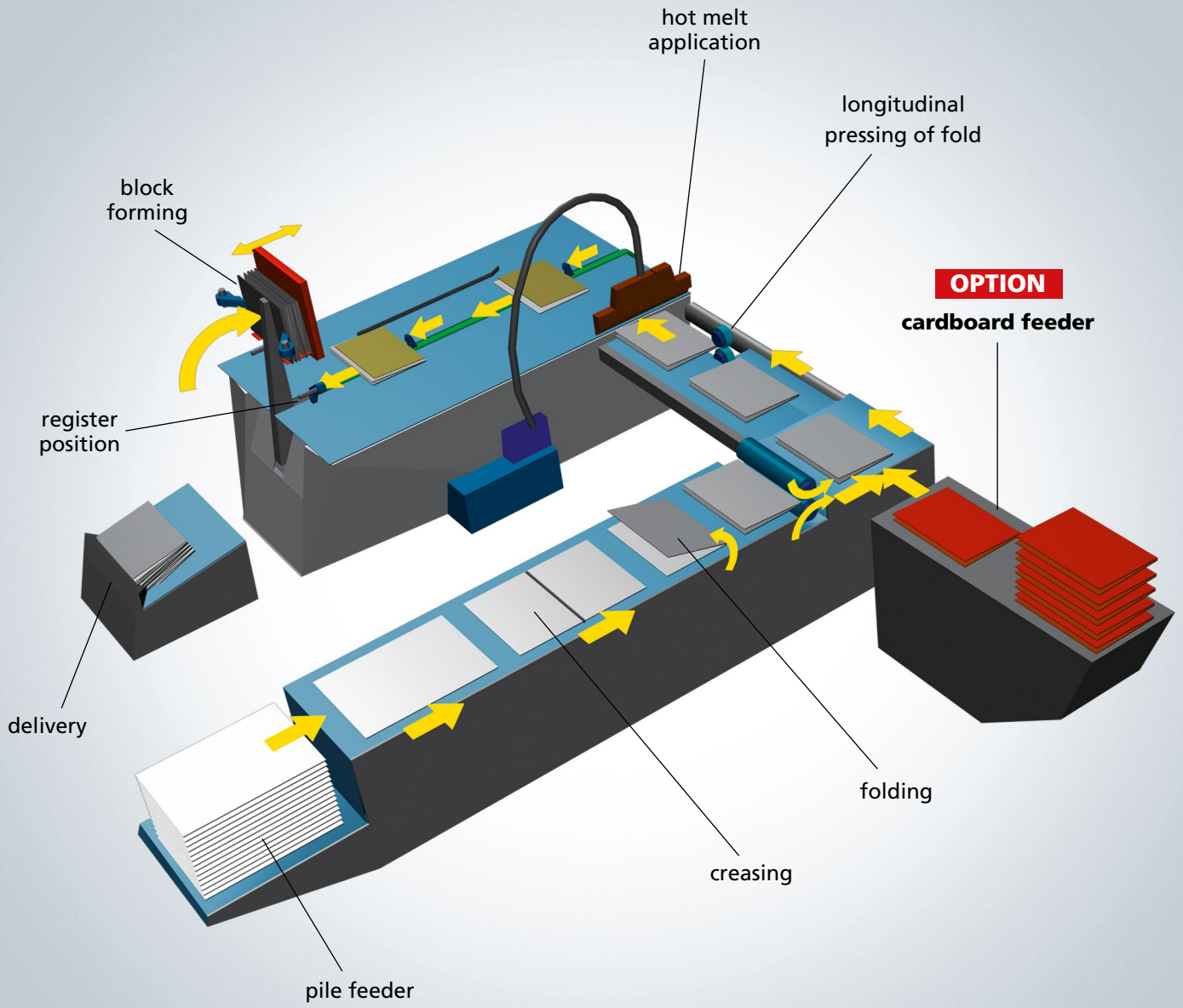
Hotmelt glue application



Cross transport after glue application



Block forming station





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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**

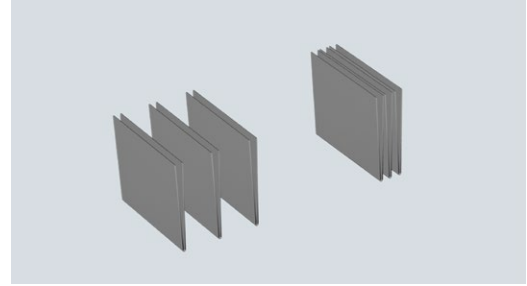
consisting of the following workstations:

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

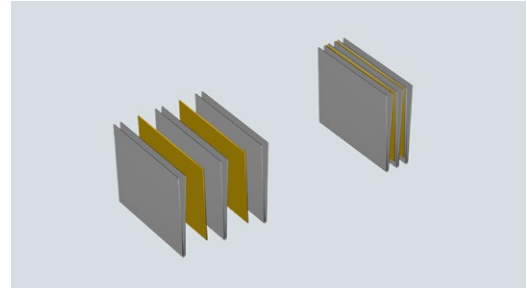
OPTION

Cardboard feeder

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



Folded 4-page sections glued back to back.

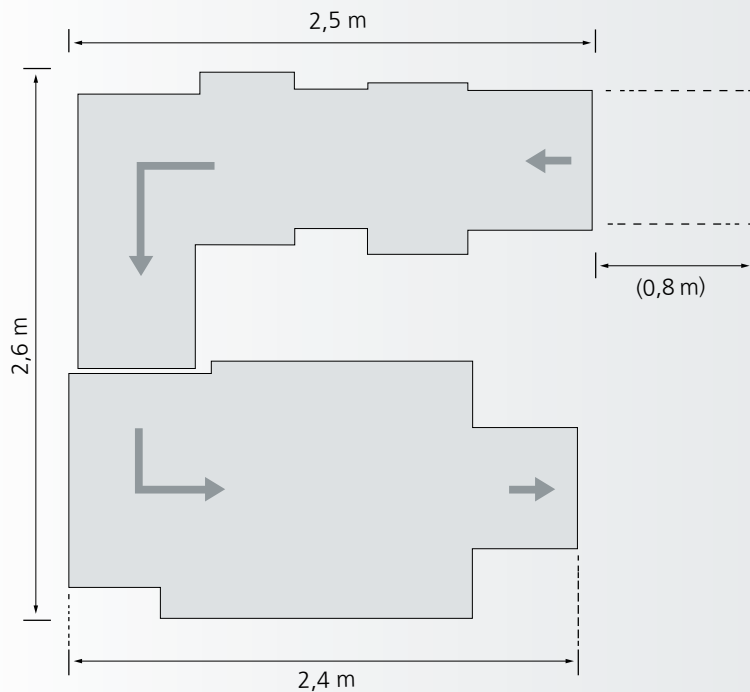


With the option **cardboard feeder** a raised cardboard can be automatically inserted and glued between the folded sections.



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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

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