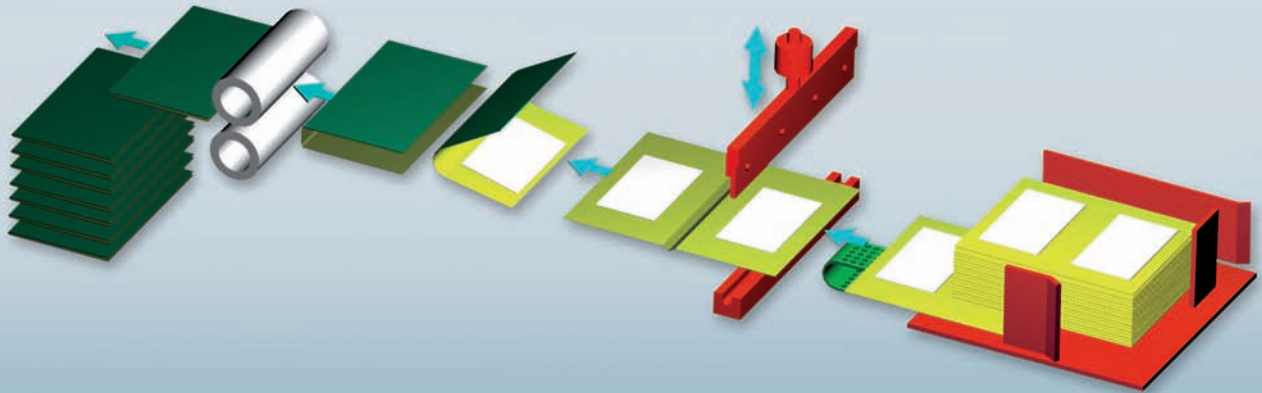


mitafold



mitafold

Automatic creasing and folding machine for photo book sections

The **Mitafold** is a machine specially designed to automatically crease, fold and press sections, which are subsequently fully surface glued on the **Mitamax** section glueing machine to make a lay-flat bookblock for photo books.

The **Mitafold** produces high quality, precise photo book sections, utilizing the rule and matrix method for creasing (i.e. soft fold pocket and proper pressing after folding).

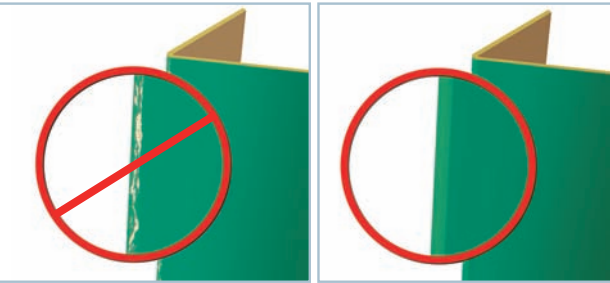
The **Mitafold**, because of its original true creaser is especially suitable to fold photo paper or digitally printed sheets regardless of direction of grain, and if laminated or not.

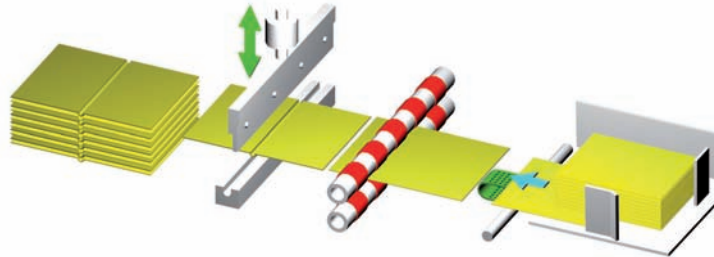
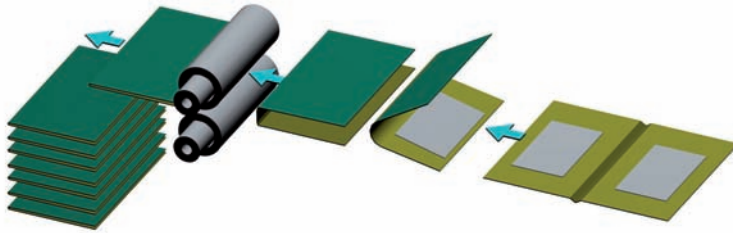
Operation

The sheets are placed into a top loading bottom feed magazine and are singly advanced by means of a vacuum belt to positioning transport rollers. These, activated by a programmable logic, bring the sheet to the precise creasing position. A male and female creasing tool, exchangeable depending on proper weight, form a perfect crease.

Subsequently the sheets enter the fold pocket with large diameter fold rollers (70 mm diameter) in order to produce a "soft" fold and then pass through a set of pressing rollers, stabilizing the fold line and making a perfect section for producing a lay-flat photo book.

The high speed for precise positioning, creasing, folding and pressing allows for a production output of up to 10'000 sheets/h with only one operator.





Machine configuration

- ▶ Continuous top loading bottom feed hopper
- ▶ Sheet length control and double sheet detector
- ▶ Positioning rollers
- ▶ Rule and matrix creaser
- ▶ "Soft" fold pocket
- ▶ Pressing rollers
- ▶ Touch screen operating panel
- ▶ Sheet and batch counter
- ▶ Delivery tray

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Technical specifications

Sheet size:	Min. 150 x 200 mm (5.91" x 7.87") Max. 450 x 900 mm (17.72" x 35.43")
Paper weight:	Crease: min. 60 / max. 500 gr Fold: min. 120 / max. 450 gr
Paper thickness:	Crease: min. 0.1 / 0.8 mm (0.0039" / 0.032") Fold: min. 0.16 / 0.65 mm (0.0063" / 0.026")
Creasing pressure:	40 – 500 kg
Force of pressing rollers:	200 kg
Number of memorized programs:	60
Speed:	max. 10'000 / h
Air consumption:	10 NI/min à 6 bar
Power requirements:	5 kW
Machine weight:	450 kg
Machine dimensions:	2'500 x 850 x H 1'350 mm

Technical data subject to change without notice.

Photobook Technology PBT sagl

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