

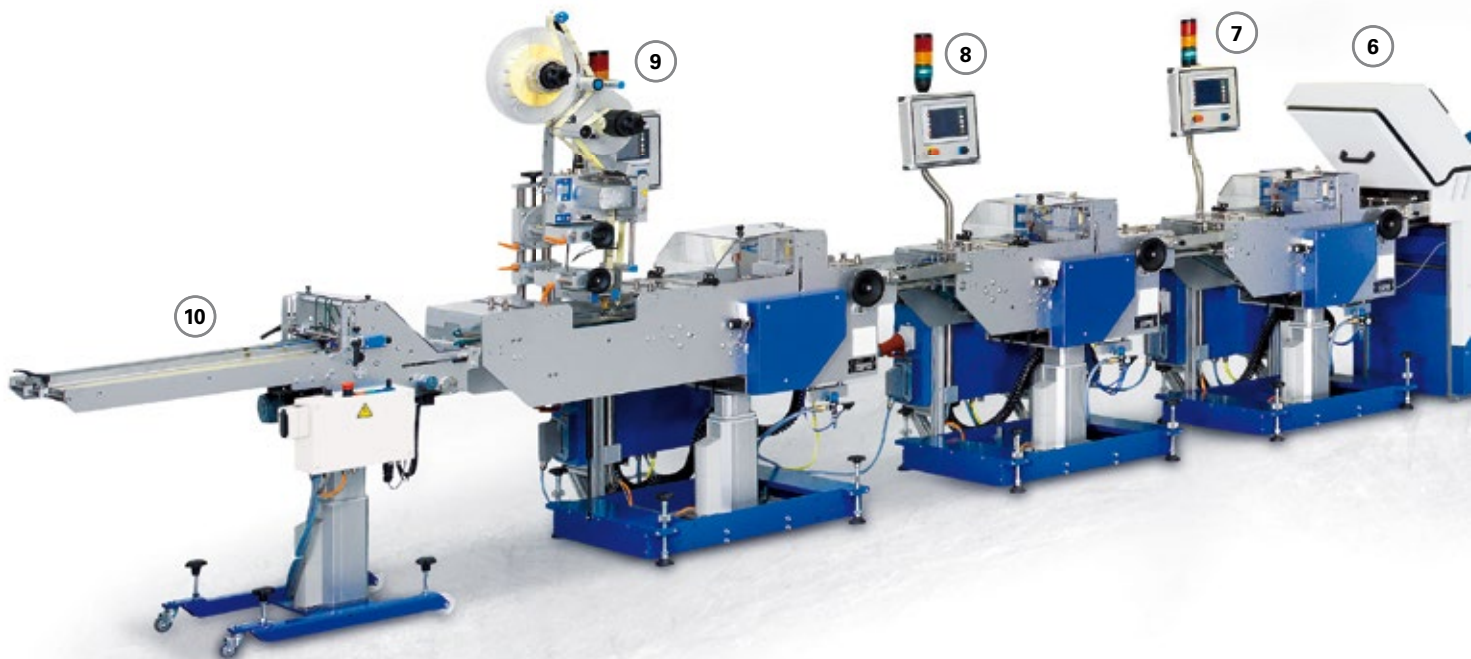
**HERZOG +  
HEYMANN**  
*Member of the MBO Group*

# M8.40 Outsert Systems

for labeled or glued outsert applications



# Modular Outsert Machine Configurations



The M8.40 Outsert System can be configured individually and equipped for a perfect production. The concept is based on modularity of single units and allows a flexible configuration. Different feeding systems like continuous or flat pile feeder and web-fed solutions can be used for the outsert production. The machine can be equipped with camera systems on an extra long alignment table. The camera can read and match printed 1D or 2D codes, texts and pattern. This avoids a mixing with wrong sheets and guarantees a 100% reliability of the production process. An inline ejection of mixed sheets is possible instead of a simple machine stop which guarantees a continuous production. Also waterscoring guns can be integrated on the alignment table. They allow a softening of the paper, which makes the folding process easier and the lay flat performance of the final outsert product is much higher.

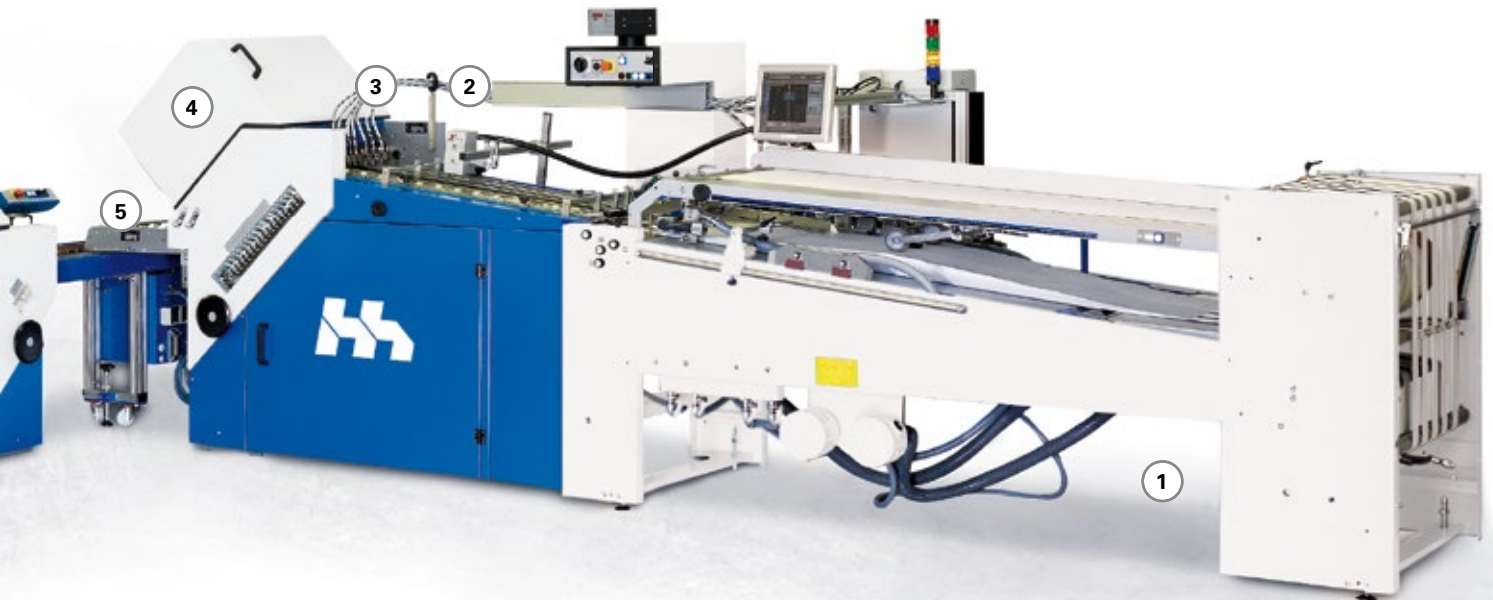
The first folding unit M8.40 is available with up to 18 folding plates. Setup devices and combi plates guarantee

fastest setup times and in combination with perfect folding roller cover for thin paper production a high quality is guaranteed.

The parallel knife unit XP-250.1 is the main element of each outsert system. Based on the product thickness, the last folds must be done in a parallel knife unit. If the outsert is not sealed by a label the outserts is closed in the last parallel knife unit XP-250.1 with cold glue dots. A double-sided alignment system in the XP-250.1 realizes best folding quality and an optional glue inspection system can be integrated. If glue is missing, the outsert will be ejected inline (XP-250.1 ECO version is without ejector) without machine stop.

During the whole production process the outserts will be monitored by photocells. This avoids paper jams and increases the lifetime of the machine. The M8.40 is a well-thought-out system and can be configured on your needs.

# 100% Reliability of the Production Process



## Example of an Outsert System:

- 1 Continuous feeder with long alignment table
- 2 Camera system at top and bottom
- 3 Waterscoring device
- 4 M8.40 with 18 folding plates
- 5 Transfer unit with integrated ejector
- 6 M8.40 cross-fold unit with 2 folding plates
- 7 Parallel folding knife XP-250.1 ECO
- 8 Parallel folding knife XP-250.1
- 9 Labeling system
- 10 Vertical delivery unit for thick products



Outserts are a special kind of leaflets. They are self-contained and will be attached generally direct on medicine bottles. They also will be filled in boxes in packaging lines. Depending on the folding scheme, they are closed by a label or glue dots. Up to 90 panel outserts can be produced without patent license worldwide.

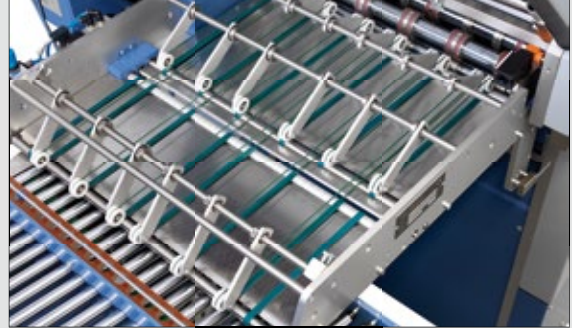




# Characteristics



Optional waterscoring and camera system for an efficient and reliable production process



Inline ejection instead of machine stop of mixed sheets combined with cameras



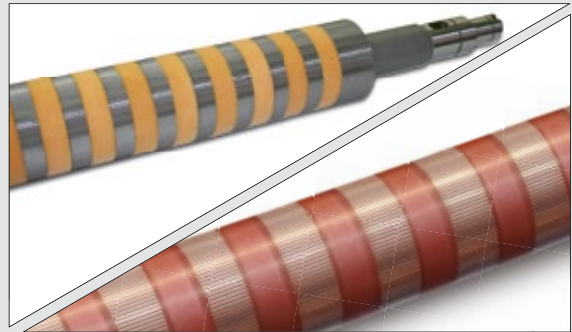
Optional sheet monitoring by photocells with touch screen control for a safe run



Improved setup times by using combi plates with sheet stop/deflector combination



Fastest setup times by adjustment with comfortable number display



Precise thin paper folding by Virotec rollers and resistant 80 A rollers



Strong and stable double-sided product alignment for best folding quality



Glue application in the XP-250.1 knife folding unit with optional glue inspection

# Variants and Configurations

## Feeding system for every application

Based on your requirements we provide the best suitable feeding system for your production and best efficiency.



Sheet-fed by Flat Pile Feeder



Web-fed by Unwinder

## Various Feeding Systems

- Flat pile feeder in different sizes and formats
- Continuous feeder in different sizes and formats
- Pallet feeder in different sizes and formats
- Web-fed with unwinder and sheeter

## PP 300 Pressing Unit

The PP 300 is a pressing unit with two integrated belts between the pressing cylinders. Small products will be fixed and held down during the pressing process. The outserts will be pressed for a longer time during the pressing process. By a long infeed device the products will be transferred from previous units into the pressing unit. The unit is mobile and flexible and optimizes the lay flat performance of your products.



PP 300 Pressing Unit

# Standard Equipment and Options

## Standard Equipment:

- Ultrasonic double sheet control at the feeder
- Extra long alignment table for long sheets
- Special folding rollers for low weight papers
- 80 Shore rubber coating in second station
- Downstream slitter shaft with special outsert creaser
- Sheet run control in the XP -250.1 knife folding unit
- Vertical delivery unit with kicker

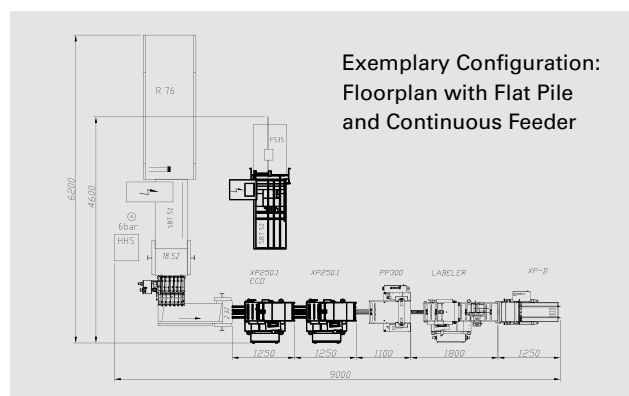
## Options:

- Camera system for mix-up inspection
- Waterscoring system for fold preparation
- Ejector in transfer unit
- Sheet monitoring in the first and second folding units
- Combi plates
- Glue system for sealing the outsert using cold glue
- Glue inspection in the XP -250.1 knife with ejector

## Technical Data

R 530 continuous feeder	min	150 x 180 mm	6 x 7 inch
	max	520 x 1000 mm	20 1/2 x 40 inch
R 76 continuous feeder	min	150 x 180 mm	6 x 7 inch
	max	720 x 1400 mm	28 1/4 x 55 inch
F 535 flat pile feeder	min	80 x 105 mm	3 1/8 x 4 1/8 inch
	max	520 x 1000 mm	20 1/2 x 40 inch
F 76 flat pile feeder	min	150 x 200 mm	6 x 8 inch
	max	720 x 1120 mm	28 1/4 x 44 inch
M8.40 working width		520 or 720 mm	20 1/2 or 28 1/4 inch
M8.40 fold roller diameter		40 mm	1 1/2 inch
M8.40 minimum fold length		32 mm	1 1/4 inch
M8.40 number of pockets		Unit 1: 2-18 / Unit 2: 2-4	
XP-250.1 format (w x l)	min	29 x 29 mm	1 1/8 x 1 1/8 inch
	max	160 x 100 mm	6 1/4 x 4 inch
XP-250.1 height adjustable area		685-885 mm	27-35 inch
XP-250.1 compressed air connection		6 Bar	
PP-300 working width		320 mm	12 1/2 inch
PP-300 height adjustable area		600-900 mm	23 1/2- 35 1/2 inch
PP-300 compressed air connection		6 Bar	

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