

# M9



The M9 is designed for the production of inserts for various fields, such as the pharmaceutical, cosmetics, food or agricultural industries. A further application is the production of multi-folded product information leaflets that can be enclosed with small electrical devices, for example. The M9 is available as a manual machine as standard. Optionally, the buckle plate and fold roller settings can be automated, resulting in a considerable reduction in set-up times. Recurring jobs can be easily called up from the machine control M1 Advanced.



# Features

- Machine control M1 Advanced including touchscreen (MIS compatible)
- Saving of repeating jobs
- Extra long register table with additional belt guide on the right for perfect sheet alignment
- Ejection before the folding unit to avoid double sheets
- 10, 12, 16, 20 or 24 buckle plates
- Optional automated buckle plate and fold roller settings
- Ergonomic slitter shaft cassette with two slitter shaft pairs
- Conveyor with integrated ejection module for misfolded sheets
- Expandable with individual modules



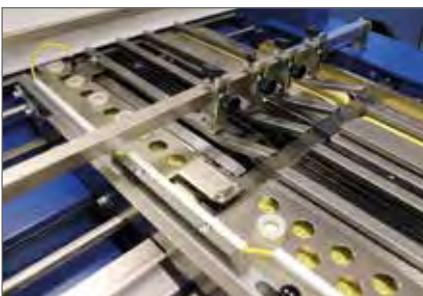
## Automation

The buckle plates and fold rollers of the H+H M9 can be set automatically as an optional feature. This is carried out via the M1 Advanced machine control using an intuitive touchscreen. The automation plays an important role in reducing set-up times.



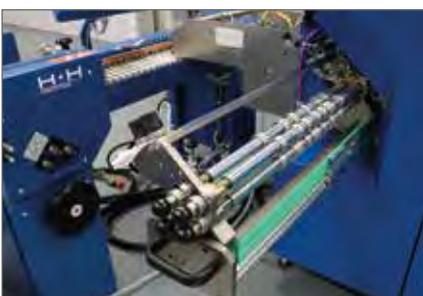
## Sheet alignment

The sheet infeed is carried out by the R80 continuous feeder with Vacubelt system or by the F80 pile feeder. The feeder has a 1.8 m (70") long alignment table with additional transport belt on the right-hand side for faultless sheet transport.



## Waste sheet ejection

The integrated sheet ejection unit ejects any double sheets before the folding unit. An optional camera system on the register table can also be integrated.



## Slitter shaft cassette

The M9 is equipped with the tried and trusted slitter shaft cassette. This can be removed sideways out of the folding unit. This means that all tools are perfectly accessible and can be ergonomically adjusted and changed. The slitter shaft cassette makes a significant contribution to reducing setup times. The cassette also has two slitter shaft pairs.

# Extensions for the M9

The M9 is suitable for both parallel and cross fold work. It can be optionally expanded. The components presented here are only examples of some of the many expansion options.



## PP600 belt press

The M9 has an integrated conveyor that permits multiple-up production. The inserts produced in multiple-up production can be pressed perfectly using the optional PP600 belt press.



## Extention to the outsert line

A further option is the extention to the outsert line. Various cross fold designs and parallel knife folding units cover virtually every folding option.



## Closing of products

Products can be closed either using a cold glue system or a labeller (see figure).



## SmartPACK100

The SmartPACK100 is used to check the folded outserts against quality criteria with a camera system. Imperfect products are ejected into a lockable container. This practically avoids products being intermixed. The automatic filling of the trays with the folded pharmaceutical inserts completes the perfect outsert production line with consistent productivity.



## XP-D250

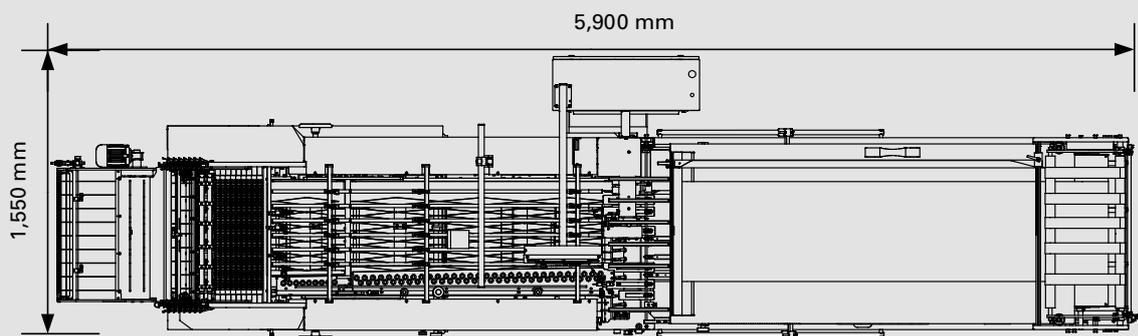
As an option for the SmartPACK100, the M9 can also be operated with the manual XP-D250 delivery.

# Technical specifications

		M9-R		M9-F	
		mm	inch	mm	inch
<b>Pile height</b>	max.	-	-	650	25 5/8
<b>Infeed width</b>	min.	200	7 7/8	200	7 7/8
	max.	600	23 5/8	600	23 5/8
<b>Infeed length</b>	min.	250	9 7/8	200	7 7/8
	max.	1,080	42 1/2	1,200	47 1/4
<b>Grammage*</b>	min.	27 g/m <sup>2</sup>			
	max. (10-16 buckle plates)	60 g/m <sup>2</sup>			
	max. (20-24 buckle plates)	40 g/m <sup>2</sup>			
<b>Folding length</b>	min.	25	1	25	1
	max. (buckle plate 1-3)	500	19 5/8	500	19 5/8
	max. (further buckle plates)	300	11 3/4	300	11 3/4
<b>Number of buckle plates</b>		10, 12, 16, 20 or 24		10, 12 or 16	
<b>Fold roller diameter</b>		32	1 1/4	32	1 1/4
<b>Slitter shaft diameter</b>		25	1	25	1
<b>Speed</b>	min.	30 m/min (98 fpm)			
	max.	160 m/min (524 fpm)			
<b>Compressed air supply</b>	Sheet deflector	0,2 m <sup>3</sup> /h 6 bar			

\*Depending on the volume

Floorplan M9 - R



Measurements in mm

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 Technical specifications vary depending upon paper quality.

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