

EN

Folding machine for the
production of inserts

M9

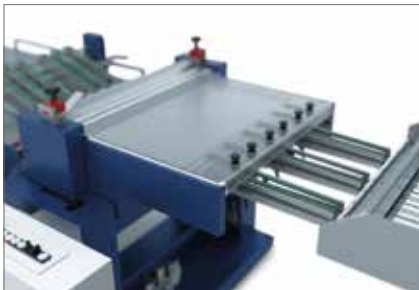




The M9 is designed for the **production of inserts** for various fields, such as the pharmaceutical, cosmetics, food or agricultural industries. A further application is the production of **multi-folded product information leaflets** that can be enclosed with small electrical devices, for example. The 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.

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.



PP30 / PP60 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 PP30 / PP60 belt press.



Extension to the outsert line

A further option is the extension 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).

FEATURES

- + M1 Advanced machine control (MIS compatible)
- + Saving of repeating jobs
- + Extra long register table 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 or by the F80 pile feeder. The feeder has a 1.8 m (70") long alignment table 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

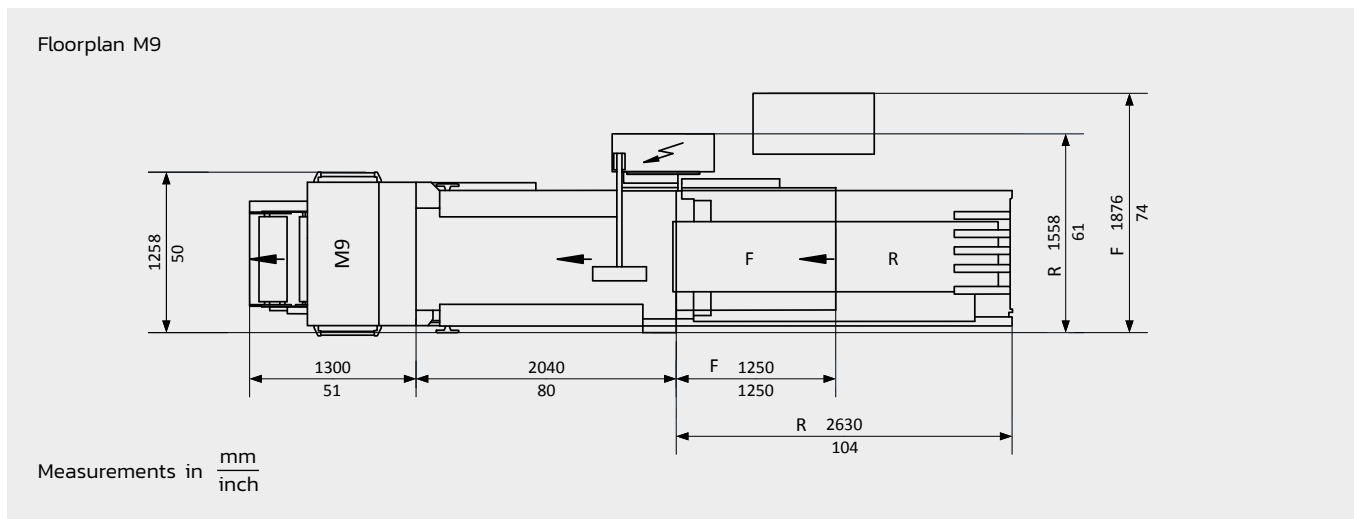
The M9 is equipped with the tried and trusted slitter shaft cassette. This can be removed sideways out of the folding unit. This means that all tools are perfectly accessible and can be ergonomically adjusted and changed. The slitter shaft cassette makes a significant contribution to reducing set-up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

TECHNICAL SPECIFICATIONS

		M9 – R		M9 – F	
		mm	inch	mm	inch
Pile height	max.	–	–	650	25 1/2
Infeed width	min.	200	8	200	8
	max.	600	23 1/2	600	23 1/2
Infeed length	min.	250	9 3/4	200	8
	max.	1,080	42 1/2	1,200	47 1/4
Grammage*	min.	40 g/m ² (depending on paper quality and folding pattern)			
	max.	60 g/m ² (depending on paper quality and folding pattern)			
Folding length	min.	30 (-25)**	1 1/5 (-1)**	30 (-25)**	1 1/5 (-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
Number of buckle plates		10, 12, 16, 20 or 24		10, 12 or 16	
Fold roller diameter		32	1 1/4	32	1 1/4
Slitter shaft diameter		25	1	25	1
Speed	min.	30 m/min (98 fpm)			
	max.	160 m/min (525 fpm)			
Compressed air supply	Sheet deflector	0,2 m ³ /h 6 bar			

* Depending on the volume. Different grammages or folding patterns on request.

** Exact minimum fold length after checking customer samples.



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