
M9

BUCKLE FOLDING MACHINES

Technical specifications



EFFICIENCY IN EVERY FOLD



Meet the M9

The M9 is a next-generation miniature buckle folder with up to 24 buckle plates and advanced automation to simplify setup and boost productivity. Built for precision folding of small-format leaflets and inserts, it delivers exceptional accuracy ideal for pharmaceutical, cosmetics, and IFU markets.

Equipped with camera systems and fault ejection, the M9 ensures reliable, high-quality production. It can be customized with peripheral devices to fit a wide range of applications and is also available as a DFT folder for roll-fed paper processing.

Standard Features & Benefits

- 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

Miniature Folding. Maximum Throughput. Designed to Last.

The MBO Advantage

Compact Folding

From pharma inserts to instruction leaflets, the M9 delivers precise miniature folding without sacrificing speed or quality.

High Speed, High Volume

Engineered for consistent speed and precision, the M9 handles large production runs with ease, keeping your folding process efficient and reliable from start to finish.

Durable by Design

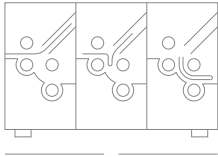
With a stainless-steel frame and oil-free operation, the M9 is built for long-term use in demanding pharmaceutical environments — shift after shift.

Scan to Learn More

Watch the M9 in action, explore additional features, or request a quote.



M9

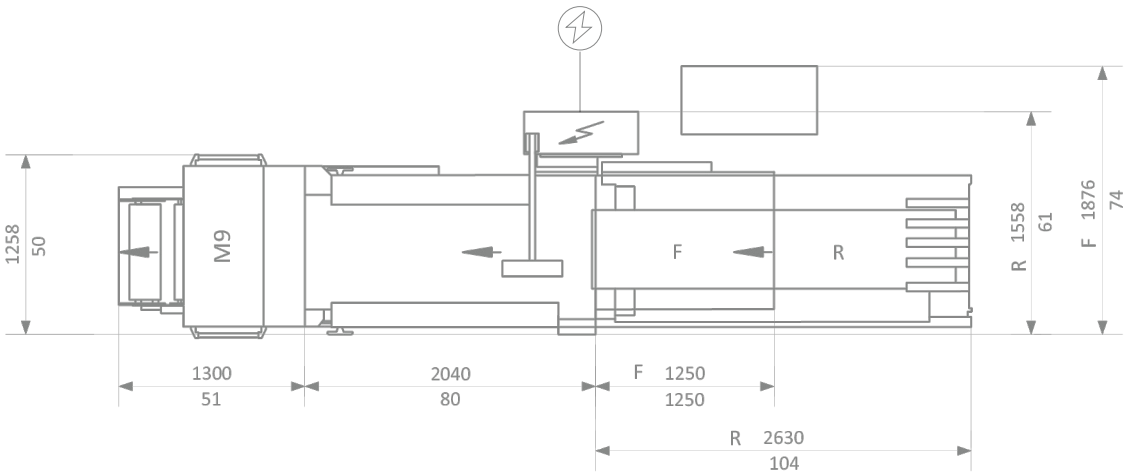


TECHNICAL SPECIFICATIONS		M9 – R		M9 – F	
		mm	inch	mm	inch
Pile height	max.	–		650	25 1/2
Infeed width	min.	200	8	200	8
	max.	600	23 1/2	600	23 1/2
Infeed length	min.	250	9 3/4	200	8
	max.	1,080	42 1/2	1,200	47 1/4
Grammage	min.	40 g/m² (depending on paper quality and folding pattern)			
	max.	60 g/m² (depending on paper quality and folding pattern)			
Folding length	min.	30 (-25) ¹	1 1/5 (-1) ¹	30 (-25) ¹	1 1/5 (-1) 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 m³/h 6 bar			

¹ Exact minimum fold length after checking customer samples.

TECHNICAL DRAWING Floorplan M9

Measurements: mm
inch



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