

# 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.

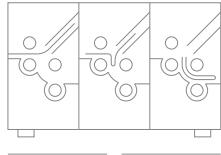
#### Durable by Design

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

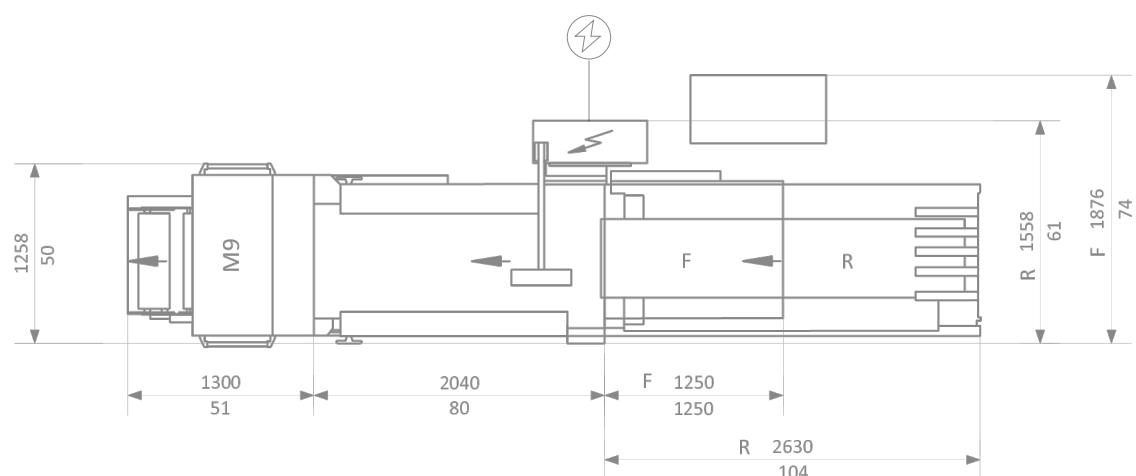
TECHNICAL SPECIFICATIONS		M9 – R		M9 – F	
		mm	inch	mm	inch
Pile height	max.	–		650	25 1/2
Infeed width	min.	200	8	200	8
	max.	600	23 1/2	600	23 1/2
Infeed length	min.	250	9 3/4	200	8
	max.	1,080	42 1/2	1,200	47 1/4
Grammage	min.	40 g/m <sup>2</sup> (depending on paper quality and folding pattern)		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

<sup>1</sup> Exact minimum fold length after checking customer samples.

TECHNICAL DRAWING Floorplan M9

Measurements: mm

inch



## Electrical supply

MBO America  
4 East Stow Road, Suite 12 / Marlton, New Jersey 08053  
Phone 1 609 267 2900  
[www.mboamerica.com](http://www.mboamerica.com)

For more information, contact your salesman.



SALES@MBOAMERICA.COM

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