

K80

COMBI FOLDING MACHINES

Technical specifications



EFFICIENCY IN EVERY FOLD



Meet the K80

The K80 buckle folder delivers premium folding performance in a compact, efficient package — perfect for commercial printers who need speed, reliability, and fast setup without sacrificing quality.

Easy to operate, it is designed for high-precision and efficient production of folded products such as signatures and flyers in medium to large print runs. Even complicated fold patterns are produced with absolute accuracy, thanks to the integration of numerous MBO-specific features that ensure technical perfection and consistent results.

Standard Features & Benefits

- MBO's advanced M1 control system with intuitive touchscreen for easy operation and precise production monitoring
- Vivas vacuum system (Double-Vacubelt and Vacutable) for constant sheet pull and accurate registration
- Slitter shafts with plug-in axles for quick setup and fast changeovers
- High-speed guides in the second folding unit for mark-free sheet alignment and superior output quality
- Optional slitter shaft cassette for fast makeready and ergonomic tooling changes
- Reliable, low-maintenance belt drive system for consistent folding and reduced costs
- Automation options to simplify workflow and minimize setup times

High-Speed Folding. Compact Footprint. Effortless Operation.

The MBO Advantage

Fast Folding

The K80 is built for speed and efficiency, handling medium to large print runs while meeting demanding schedules without compromising quality.

Small Space, Big Performance

Its compact, space-saving design fits seamlessly into busy print shops without sacrificing power or reliability.

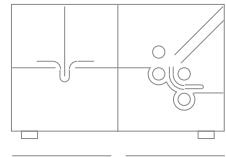
User-Friendly Operation

Intuitive touchscreen controls make it easy for new operators to learn quickly, reducing training time and minimizing frustration.

Scan to Learn More

Watch the K80 in action, explore additional features, or request a quote.





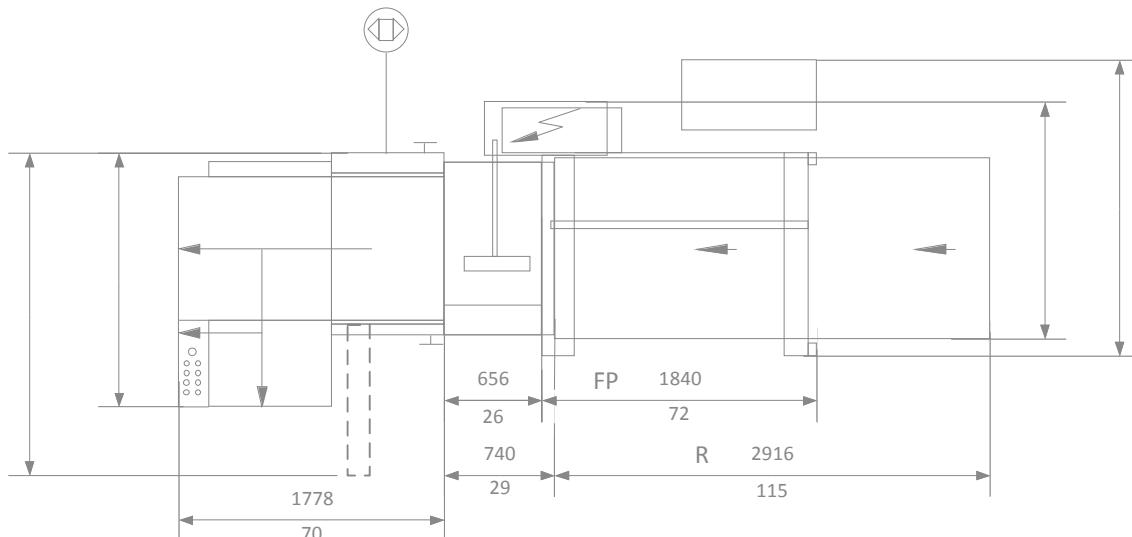
K80

TECHNICAL SPECIFICATIONS		K80 - FP		K80 - R		Cross fold		Three-fold	
		mm	inch	mm	inch	mm	inch	mm	inch
Pile height	max.	1,200	47 1/4	80	3 1/8	–	–	–	–
Infeed width	min.	170	6 3/4	150	6	150	6	150	6
	max.	780	30 1/2	780	30 1/2	780	30 1/2	520	20 1/2
Infeed length	min.	250	9 3/4	180	7	150	6	150	6
	max.	1,200	47 1/2	1,080– 2,000	42 1/2– 78 3/4	520	20 1/2	380	15
Number of buckle plates		4 or 6		4 or 6		1		–	
Fold roller diameter		43.7	1 3/4	43.7	1 3/4	43.7	1 3/4	43.7	1 3/4
Slitter shaft diameter		35.0	1 3/8	35.0	1 3/8	35.0	1 3/8	35.0	1 3/8
Folding length	min.	60	2 3/8	60	2 3/8	–	–	–	–
Product thickness at exit	max.	2.0	5/64	2.0	5/64	2.8	3/32	3.0	1/8
Speed	min.	30 m/min (98 fpm)							
	max.	230 m/min (754 fpm)							
Electrical supply	M1 Basic 3 x 400 V 50/60 Hz 3 x 220 V 50/60 Hz	7.5 kVA max. 63 A		5.6 kVA max. 63 A		–	–	–	–
	M1 Advanced 3 x 400 V 50/60 Hz 3 x 220 V 50/60 Hz	7.5 kVA max. 63 A		5.6 kVA max. 63 A		–	–	–	–
Compressed air supply	–	–		15 m ³ /h 6 bar					

TECHNICAL DRAWING Floorplan K80

Measurements: mm

inch



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This brochure is subject to change without notice. The technical specifications vary depending upon paper quality.

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