

MBO America
 400 Highland Drive
 Westampton, NJ 08060/USA
 Phone + 1 609 267 2900
 Fax + 1 609 267 1477
 www.mboamerica.com

Technical Specifications

Description	Manual	Automatic (CAF)
Number of folding plates	2 or 4 / 13,7" and 17,7"	2 or 4 / 13,7" and 17,7"
Minimum folding length	0,8" with special folding plate	0,8" with standard folding plate
Maximum folding length	up to 16,6", depending on model	
Deflector bars	accessory	integrated
Feeding systems	friction feeder (only for 13,7")	-
	suction feeder	
	deep pile feeder / side lay register	
Delivery possibilities	stream delivery	
	standing delivery	
Roller adjustment	yes, manually from outside	
Cross fold	option, plate and knife fold device	
Perforation shafts	yes, standard	
Paper size minimum	3,5" x 4,7", standard*	
Paper size maximum	13,7" x 25,5" / 17,7" x 25,5"	
Paper stocks	16 lb bond – 80 lb cover, depending on paper quality	
Folding performance	up to 30'000 sheets 11,6"/h	
Electrical connection	230 V / 50–60 Hz, 115 V/60 Hz	
Electrical consumption	250 W, without compressor	

*Minimum size with special accessories down to 2,4" x 3,2" possible (only with suction feeder)



Preselect and spacer unit

Description	Manual	Automatic (CAF)
Preselect an spacer unit	option	yes
Programmable memory	99, option	99
Standard folds	manual	20, pre-programmed
Standard paper sizes	manual	pre-programmed: 4" / 5" / 5,5" / 6" / 7" / 7,5" / 8,5" / 9,5" / 10,5" / 11" / 13" / 14" / 17" / 18"
Special folds	manual	free adjustable
Speed of plate adjustment	manual	20–25 secs., average, size 11"
Intermediate jobs	manual	at any time possible
Double sheet detector	option	option
Indication of roller adjustment	no	yes



Model mix / Dimensions

Feeder type	Size	Plates	Manual	Automatic (CAF)	Dimension
Friction feeder	13,7"	2	200 FM		51,1" x 21,6"
Suction feeder	13,7"	2	200 SM	200 SA	60,4" x 21,6"
Suction feeder	13,7"	4	400 SM	400 SA	61,2" x 21,6"
Deep pile feeder	13,7"	2	200 STM	200 STA	90,9" x 25"
Deep pile feeder	13,7"	4	400 STM	400 STA	91,7" x 25"
Suction feeder	17,7"	2	220 SM	220 SA	60,4" x 25,3"
Suction feeder	17,7"	4	440 SM	440 SA	61,2" x 25,3"
Deep pile feeder	17,7"	2	220 STM	220 STA	90,9" x 25,3"
Deep pile feeder	17,7"	4	440 STM	440 STA	91,7" x 25,3"
Crossfold unit	13,7"	2	200 KM	200 KA	62,9" x 21,6"

1 | Detail of the automatic folding plate.

2 | Accessibility to the lower folding plate.

3 | Combination rollers with helical gears.

4 | Scoring and perforating.

The Modular Folding Machine System

FOLDMASTER



The complete folding system – modular, user friendly, versatile

Modular construction

In designing the MBO folding machine programme, the idea of modularity is being further advanced. All models can be supplied with standard, manual folding plates and with simple basic equipment. If the requirements of the user change, the machines can be upgraded and adapted to the new situation at any time. MBO folding machines can be extended with automatic folding plates whenever needed.

Computer aided folding (CAF)

Just in time production, «Finishing On Demand» has become an indispensable requirement of the printing market and of the folding business. Automatic fold plate adjustment as well as the modern and simple menu-guided control unit of the Foldmaster recognise the need to reduce down-time. The size change to a new job is possible within a few seconds only.

Flexibility

In response to the needs of today, MBO offers the customised solution, and for the uses of tomorrow the ability to upgrade with other modules and new developments. The computer supported models offer extremely high user friendliness and can be adjusted to a new fold by the single touch of a button. Manual movements are almost eliminated. Recurring jobs can easily be stored in the memory.



1 | Friction feeder
For all 13,7" models.

2 | Suction feeder
High accuracy for the professional use.

3 | Deep pile feeder
To improve the productivity.



1 | Total counter
The most cost effective possibility to control your job.

2 | Batch Counter
The simple solution for counting and batch counting.

3 | Preselect and spacer unit
Includes all necessary elements for counting, spacing and controlling.

4 | Standing delivery
To deliver small folding jobs effectively.

5 | The height adjustable stand
For a versatile use of the MBO folding machines.

6 | Crossfold device
All MBO models can be upgraded at any time with a crossfold device.

