

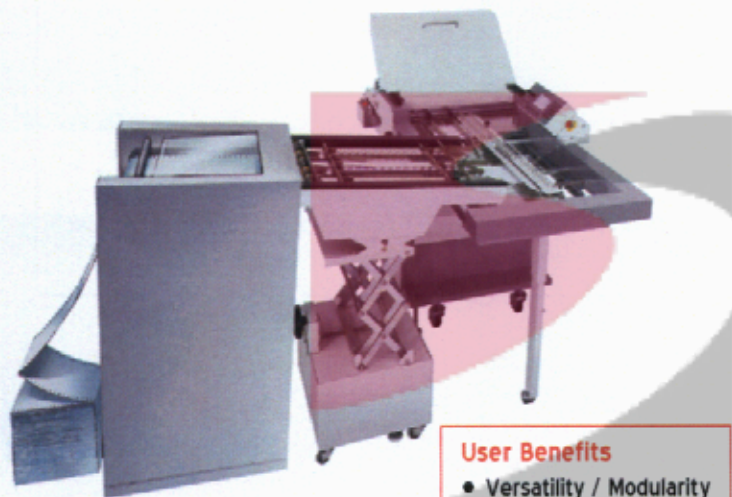
MB-System CAS 52 MAIL

Modular Folding for Direct Mail: Intelligent/Adaptable/Universal

Creative ideas also create new forms of printer matter. This development demands new techniques in the areas of direct mail handling, EDP forms finishing and print on demand solutions. Innovative new finishing processes also include professional modular folding systems.

Modern folding systems must therefore be versatile. They must deal with output from black-and-white or color ink jet printers, laser and digital printers as well as conventional offset or other printing machines. Flexibility, variability and online capability are needed.

MB Bäuerte offers professional equipment to cover these needs. A number of modules based on the computer-controlled folders multimaster CAS can be combined into a large variety of systems.



MB-System CAS MAIL
for interface IF 42

User Benefits

- Versatility / Modularity
- Flexibility
- Maximized reliability and availability of the entire system
- Maximum use of cutter speed
- Choice of cut-sheet or continuous form handling

Possible Interfacing

- **Combination with EDP finishing equipment:** Interstackers, bursters, rotary and guillotine cutters. For these modules, paper is directly conveyed onto the roller table. Depending on requirements, the modules can be placed in two feeding positions: either inline or at an angle of 90° to the roller table. Varying infeed heights are bridged by the height-adjustment interface IF 42.
- **Connection to modular sheet feeders:** Suction feeder SF with high-capacity bulk loader BSA 5000 (up to A4 / letter size, landscape), suction feeder SF with interface 32/C (up to A4 / letter size, landscape), cut-sheet preloader (up to A3 / legal size, landscape)

CAS Features:

- Central control panel
- Switch to other languages and measuring systems
- Automatic calculation of settings
- Pre-programmed standard folds
- Individual programming of other folds
- 60 memory spaces for repeat jobs
- Automatic setting of fold plates
- Fold roller setting via computer instruction
- Electronic paper travel monitoring
- Mechanical and electronic interfacing to preceding and following modules

CAS Benefits:

- Simple handling
- Short set-up and down times
- Minimum waste

Folding Solutions for the Direct Mail Industry

Mailings should attract attention and create customer commitment. For this reason, lettershops and EDP centers demand the very best equipment available. Specialized systems for high volume production are as much in demand as systems for universal applications.

MB Bäuerte has developed various mobile fold units that can be combined with modules from various manufacturers to fill virtually any customer need.

Technical Solutions with a Twist

- **Selecting folding** is used when documents of different sizes are to be uniformed in a single pass.
- Online systems for inserters
- Online folding systems for inserter stations
- Feeder modules for inserter stations
- Parallel or crossfolding for the dispatch of invoices



MB-System CAS 52 MAIL
for crossfolding with optional separator
sheet feeding

Typical Uses for MB-System CAS 52 MAIL

From simple leaflets to creative mailings with options for code reading, fold gluing, labeling, perforating, slitting, scoring, etc.



MB-System CAS 52 MAIL - Basic Version

Basic fold unit CAS 52/4

Mobile fold unit with 4 automatic fold plates

Roller table SRT

Secure sheet alignment by U-shaped register rail

Delivery table AM 52

Height-adjustable for fanned delivery

Paper feeding is done by connecting to other machine systems.

The basic fold unit CAS 52/4 is capable of producing almost all types of parallel folds. A second fold unit is needed for producing crossfolds.

Adaptable and Flexible

The fold unit CAS 52/0/4-SL (stand-alone) was developed specifically for the direct mail industry. It is mobile and has its own drive and control panel. This feature allows using the CAS 52/0/4-SL in conjunction with other fold units or as a stand-alone unit. A large variety of applications is therefore possible.

Possible Applications:

CAS 52/4 combined with CAS 52/0/4-SL:

Produces crossfolds

CAS 52/0/4-SL stand-alone:

Produces parallel folds

CAS 52/4 stand-alone:

Produces parallel folds

Further crossfold combinations are possible using still other fold units like the CAS 52/0/4, CAS 38/0/4 and CAS 38/0/2. These must be selected depending on the number of fold plates needed, paper width and the type of roller table desired.

MB System CAS 52 MAIL

Paper formats:	Length	Width
SRT 52	Max. 432 mm (17") min. 100 mm (4")	max. 432 mm (17") min. 180 mm (7-1/16")
SRT 38	Max. 432 mm (17") min. 100 mm (4")	max. 380 mm (14-15/16") min. 100 mm (4")
Paper weight:	60 to 250 GSM (16 to 90 lbs.) (depending on paper quality)	
Speed:	up to 200 m/min. (656 ft./min.) (depending on paper quality)	
Fold length:	Max. fold plate 1: 465 mm (18-15/16"); fold plates 2-4: 385 mm (15-5/32") Min. fold plates 1-4: 35 mm (1-3/8")	
Electrical:	Voltage:	3 x 400 V / 50 Hz / N / PE or 3 x 208 V / 60 Hz / PE
	Current consumption:	max. 10 A
	Power consumption:	CAS 52/4 with SRT: 0.9 kW (900 W) Delivery: 0.1 kW (100 W)
Weight (net):	CAS 52/4 with SRT	240 kg (529 lbs.)
	CAS 38/0/4 with SRT	230 kg (506 lbs.)
	Delivery AM 52	60 kg (132 lbs.)

Suitable for connection to cutters by Hunkeler, Stralfors, ESP, Bowe, CEM, Muller, Spedo, Lasermax, Bell & Howell, Laurenti, Tecna, etc. (specification of cutter necessary)

Interface IF 42 - IF 42 is a mobile height adjustable interface for single sheets. It allows paper transfer between modules of different infeed and outfeed heights; for example, between cutter and folding system or cut sheet printer and stapling module.

Paper formats:	Length	Width
	Max. 432 mm (17") min. 100 mm (4")	max. 432 mm (17") min. 210 mm (8-1/4")
Paper weight:	60 to 200 GSM (16 to 52 lbs.) (depending on paper quality)	
Speed:	up to 180 m/min. (590 ft./min.) (depending on paper quality)	
Electrical:	Voltage:	230v / 50 Hz or 120 V / 60 Hz
	Current consumption:	max. 1 A
	Power consumption:	0,3 kW (300 W)
	Fuse:	T8A
Weight (net):	70 kg (154 lbs.)	
Transfer height:	min. 800 mm (31-1/2") Max. 1200 mm (47-1/4")	

Maximum difference between infeed and outfeed height: 230 mm (9")

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