

MB-System CAS 52 PoD



Print on Demand: Optimizing through Computer-Controlled Folding

SYMCO
GROUP

Modular Folding Systems for Every Need.

Creative ideas also create new forms of printed 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.

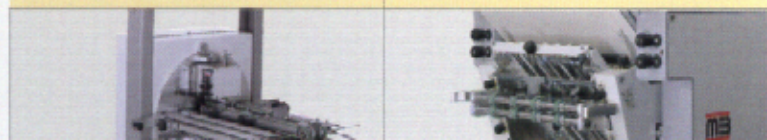
MB Bäuerle offers professional equipment to cover these needs. A number of modules based on the computer-controlled folders multimaster CAS can be combined into a large variety of systems.

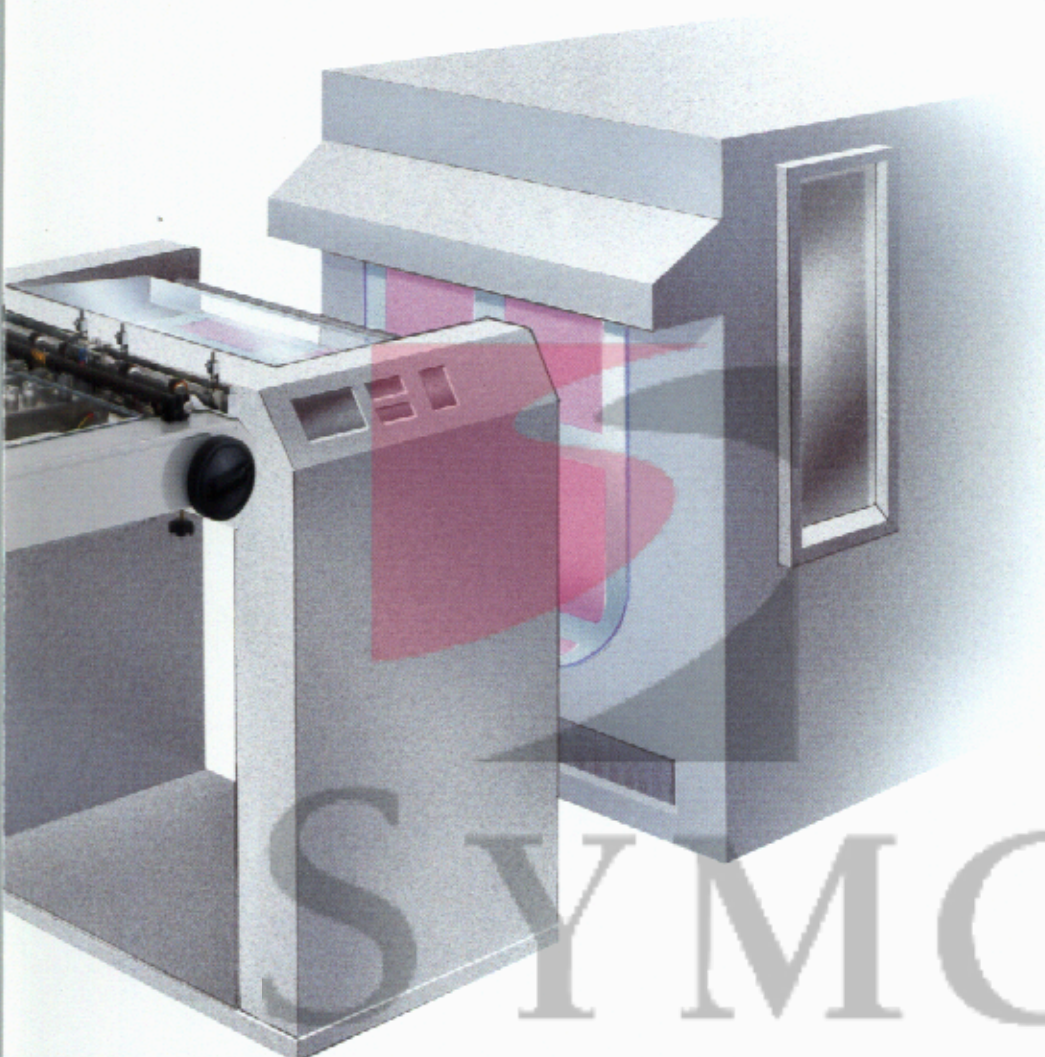


Flexibility through unique auxiliary equipment: Fold plates for selective height adjustable interface IF 42, suction feeder, bulk loader, pressir

Mobile knife fold unit MS 45

Additional fold unit KF 31





CAS 52 PoD online with digital continuous form printing system

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 to 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

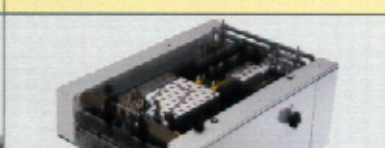
folding, turn-over fold plate, gate fold plates, mobile knife fold unit MS 45, additional fold unit KF 31, gluing device, antistatic device, g station, various delivery systems (extended delivery, vertical stacker), punch-through perforation, trimming devices

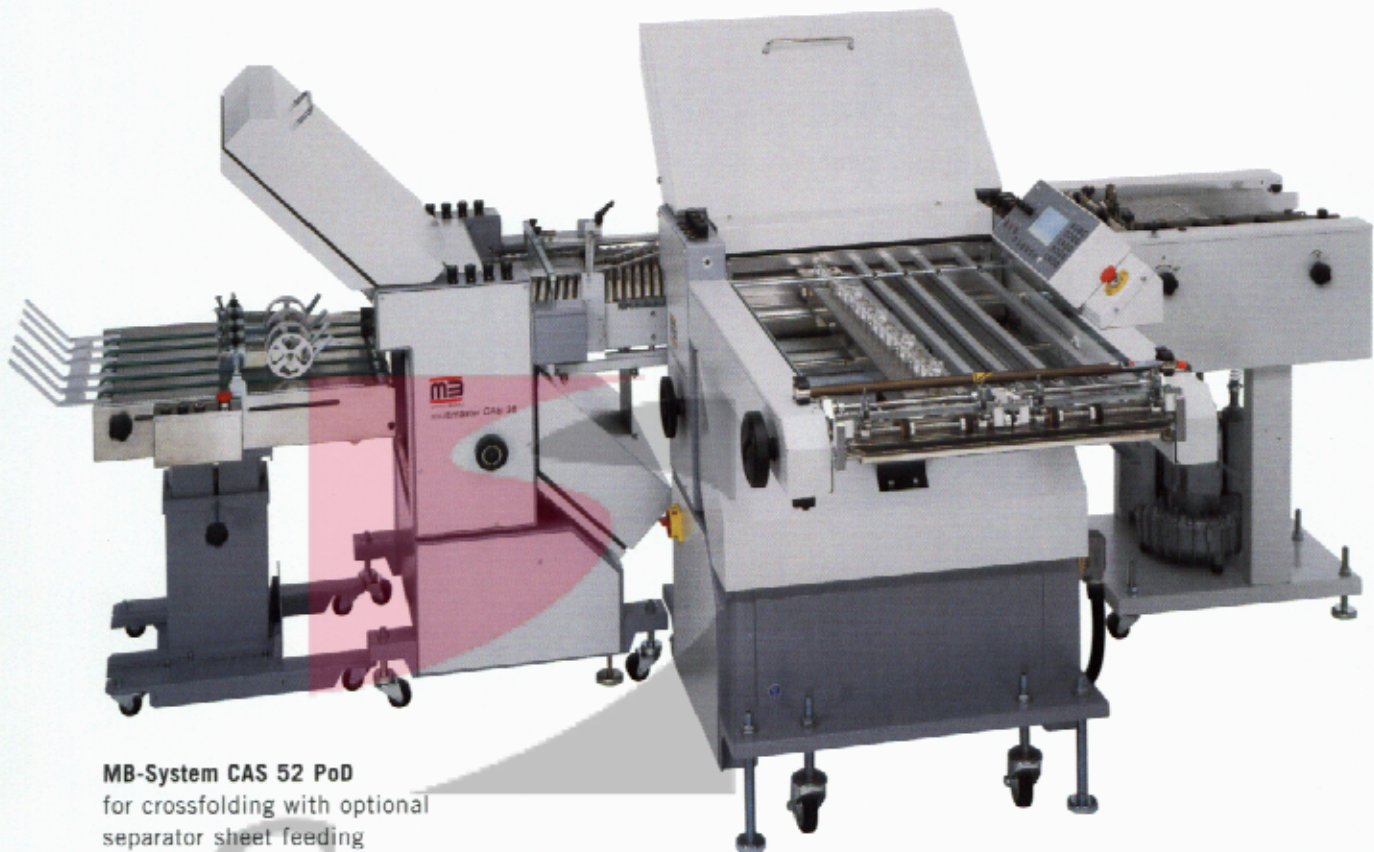
Gluing device, antistatic device

Suction feeder SF with interface 32/C

Suction feeder SF with bulk loader BSA 5000

Delivery table AM 52





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

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Typical Uses for MB-System CAS 52 PoD

Book production (signatures),
technical documentation, inserts,
mailings, papers, payroll applica-
tions etc.

Possible Interfacing:

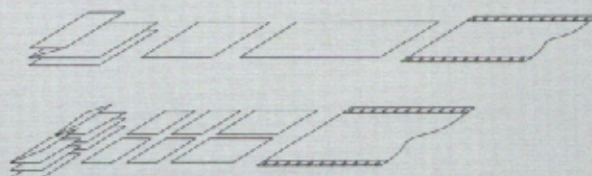
- **Online connection to digital printing systems:** Cut-sheet printers, continuous form printers (fan-fold), roll printers.
- **Combination with EDP finishing equipment:** Interstackers, rotary and guillotine cutters, bursters.
- **Connection to modular sheet feeders:** Suction feeder SF with high-capacity bulk loader BSA 5000 (up to A4 / letter size, landscape), suction feeder SF with interface 32C (up to A4 / letter size, landscape), cut-sheet preloader (up to A3 / legal size, landscape)

Technical Solutions with a Twist

Selective folding: Selective folding is used when documents of different sizes are to be uniformed in a single pass.

Feeding of separator sheets for job or postal code separation: Reading code in the cutter, feeding of the separator sheet from a suction feeder on the second

Selective folding:



MB-System 52 PoD - Basic Version

Basic fold unit CAS 52/4

Mobile fold unit with 4 automatic fold plates

Alignment and double alignment tables

Modules allow adapting to various feeding requirements

Delivery table AM 52

Height-adjustable for fanned delivery

Paper feeding is done by coupling to other machine systems

The following modules are available for the alignment table:

Double alignment table DAT 14

for one-up or two-up production (max. format length 14")

Double alignment table DAT 24

for one-up or two-up production (max. format length 24")

Alignment table ART 52

for one-up production (max. format length 52")

The basic fold system CAS 52/4 is capable of producing almost all types of parallel folds.

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

A second fold unit is needed for producing crossfolds. The following units are recommended for this purpose:

CAS 52/0/4, CAS 38/0/4, 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.

For highest fold and production flexibility in a second fold unit, model CAS 52/0/4-SL is recommended. This model is self-contained with its own drive and control panel. It may therefore also be used as a stand-alone unit.

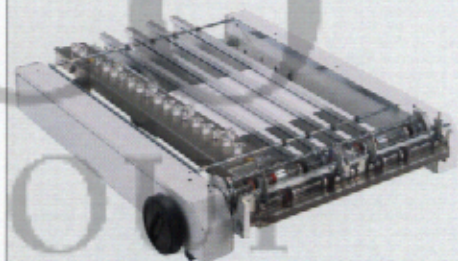
Central operator panel



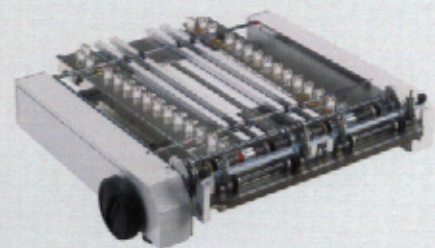
CAS 52 PoD for continuous form, connected to cutter



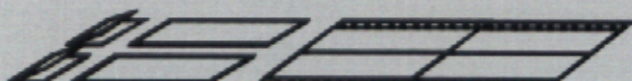
DAT 24 (1-up)



DAT 14 (2-up)



Interface IF 42 in 90° set-up



MB-System CAS 52 PoD

Paper formats:

	Length		Width	
	max.	min.	max.	min.
DAT 14				
one-up	360 mm (14")	100 mm (4")	520 mm (20")	100 mm (4")
two-up	360 mm (14")	100 mm (4")	230 mm (9")	120 mm (4 11/16")
DAT 24				
one-up	610 mm (24")	100 mm (4")	520 mm (20")	100 mm (4")
two-up	610 mm (24")	100 mm (4")	230 mm (9")	120 mm (4 11/16")
ART 52				
one-up	1320 mm (52")	100 mm (4")	520 mm (20")	100 mm (4")

Paper weight:

60 to 250 GSM (16 lb. to 90 lb.) (depending on paper quality)

Speed:

up to 200 m/min. (656 ft./min.) (depending on paper quality)

Fold lengths:

Max. fold plate 1: 465 mm (18 13/16"); fold plates 2-4: 385 mm (15 1/2")
 Min. fold plates 1-4: 35 mm (1 3/8")

Electrical:

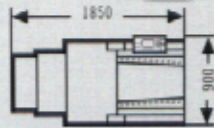
Voltage: 3 x 400 V / 50 Hz / N / PE or 3 x 208 V / 60 Hz / PE
 Current consumption: max. 10 A
Power consumption: CAS 52/4 with DAT or ART: 0.9 kW (900W)
 Delivery: 0.1 kW (100W)

Weight (net):

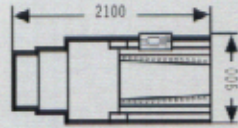
CAS 52/4 with DAT or ART: 240 to 300 kg (529 lbs. to 660 lbs.)
 CAS 38/0/4 with SRT: 230 kg (506 lbs.)
 Delivery AM 52: 60 kg (132 lbs.)

Suitable for connection to cutters by Hunkeler, Stralfors, Dessindus, Böwe, CEM, Müller, Orion, Rollsystems, Bell + Howell, Moore, Kern etc. (specification of cutter necessary)

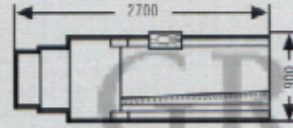
MB-System
CAS 52 PoD-DAT 14



MB-System
CAS 52 PoD-DAT 24

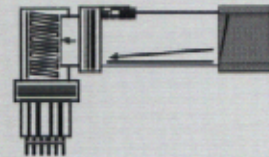


MB-System
CAS 52 PoD-ART 52

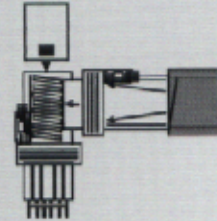


We reserve the right to introduce technical improvements without advance notice.

CONTINUOUS FORMS (1-up, 2-up)

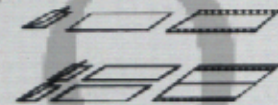
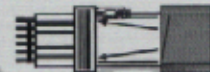
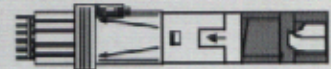


CONTINUOUS FORMS (1-up, 2-up)



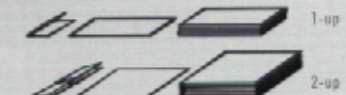
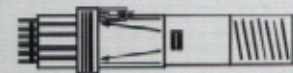
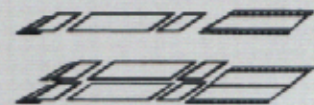
CONTINUOUS FORMS/CUT SHEET

Feeding 2-up continuous, processing by suction feeder



CONTINUOUS FORMS/CUT SHEET

Feeding continuous forms from cutter, cut sheet from cut sheet printer; selective folding



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