

Modular Folding Systems for Every Need.

Creative ideas can produce imaginative new forms of printed matter. This development demands new techniques in the areas of direct mail handling 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 colour ink jet printers, laser and digital printers as well as conventional printing machines. Flexibility, variability, short set-up times, but also online capability are needed.

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



Parallel folding system prestigeFOLD NET 52-ART 52 with Tecnau cutting system for continuous forms processing

prestigeFOLD NET Features:

- Fully automatic setting
 - Fold units: Automatic setting of alignment rails, fold plate stops, deflectors and fold rollers
 - Delivery: Automatic setting of hold-down rollers

- Commands are entered at the central touch screen operator panel
- 20 standard folds are pre-programmed
- Individual programming of other folds
- More than 200 jobs can be saved in the memory
- Paper thickness is determined by means of the paper thickness sensor
- CIP4-compatibility

prestigeFOLD NET Benefits:

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

Folding Solutions for Print on Demand and Direct Mail

Mailings should attract attention and create customer commitment. For this reason lettershops and EDP centres demand the very best equipment available. Specialized systems for high volume production are as much in demand as systems for universal applications. MB Bäuerle has developed various mobile fold units that can be used in front of or following units of other manufacturers to fill virtually any customer need.

Typical Applications

From simple leaflets to creative mailings with options for code reading, fold gluing, labelling, perforating, slitting, scoring as well as book production (signatures), technical documentation and newspapers.

The basic fold unit prestigeFOLD NET is capable of producing all types of parallel folds. A second fold unit is needed for producing crossfolds.

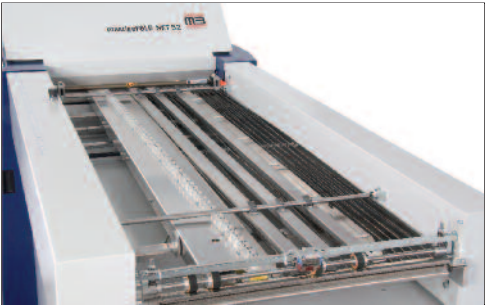
For especially high demands on the processing variability, model prestigeFOLD NET SL is available as a second fold unit. It can also be used as a stand-alone machine, because it is equipped with its own drive and control panel. This feature allows using the fold unit within a folding system in conjunction with other fold units or as a stand-alone unit. A large variety of applications is therefore possible.



Crossfold system
prestigeFOLD NET 52-DAT 24
with 2nd fold unit prestigeFOLD NET 52-SL



Double alignment table DAT
DAT 24 for one- or two-up production
(max. sheet length 24")



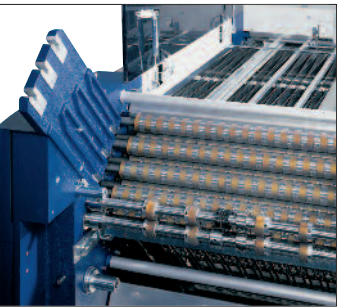
Alignment table ART
ART 52 for one-up production
(max. sheet length 52")



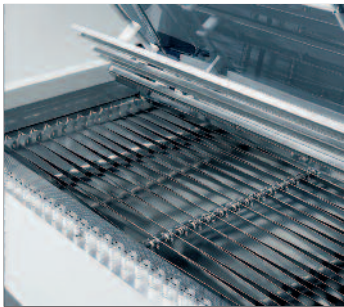
Flexibility through unique auxiliary equipment: Mobile knife fold unit MS 45, additional fold unit KF 31, cutting module CM 52, turnover fold plate, gate fold plate, device for selective folding, gluing device, antistatic device, interface IF 42, suction feeder, continuous loading device, software module for automatic setting via barcode reading, remote maintenance module, pressing station, various delivery systems, timed perforation, timed cutting, scoring and perforating tools, side trimming and strip cutting.				
Mobile knife fold unit MS 45	Gluing device, antistatic device	Suction feeder SF with interface 32/C	Flat pile feeder FSA-SL	Interface IF 42

Possible Interfacing

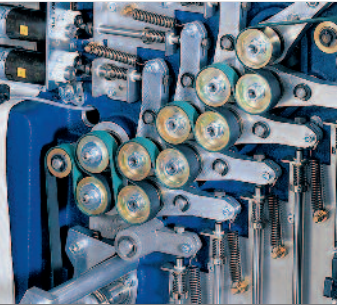
- Interfaces for online connection with digital printing systems:
Cut-sheet printer and continuous forms systems (fan-fold, roll)
- Combination with EDP-finishing equipment:
Interstackers, rotary and guillotine cutters, bursters
- Connection to modular sheet feeders:
Suction feeder SF with high-capacity 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)



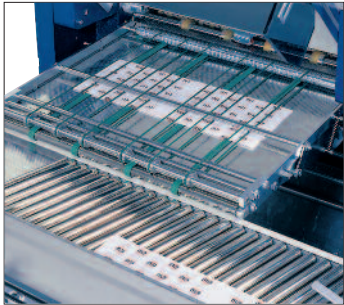
A technically mature design and robust mechanical construction are the guarantee for maximum folding accuracy. Sturdiness and smooth operation distinguish this machine.



Alignment table with anti-static lattice-type surface.



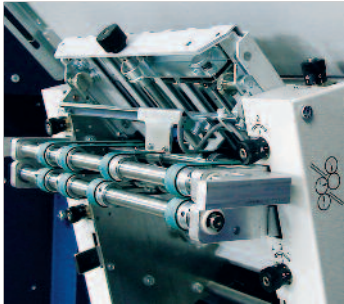
Fold rollers are driven from both sides by maintenance-free belts, resulting in perfectly synchronized operation.



Reduction of static build-up using finely corrugated sheet metal.



All fold plates feature automatic setting. This means that setting measurements can be entered by touch-screen, with a precision of 0.1 mm. Moreover, corrections are possible while the machine is running. The length of the fold plates is the same in all fold units. Therefore, no errors will occur when fold plates are inserted in different positions.



Additional fold unit KF 31 for small folds down to 18 mm.



When inserting the automatic fold plates into the fold unit, electrical connection is achieved automatically, no more tangled cables and plugs.



The automatic shingled delivery AM 52 is mobile and height-adjustable.

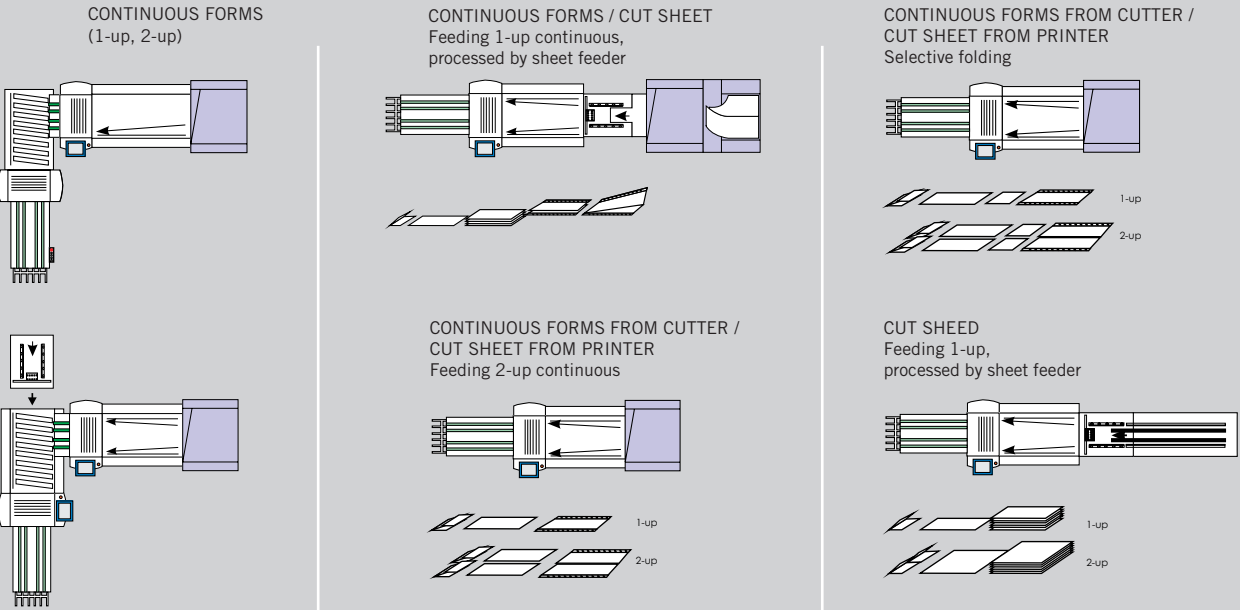
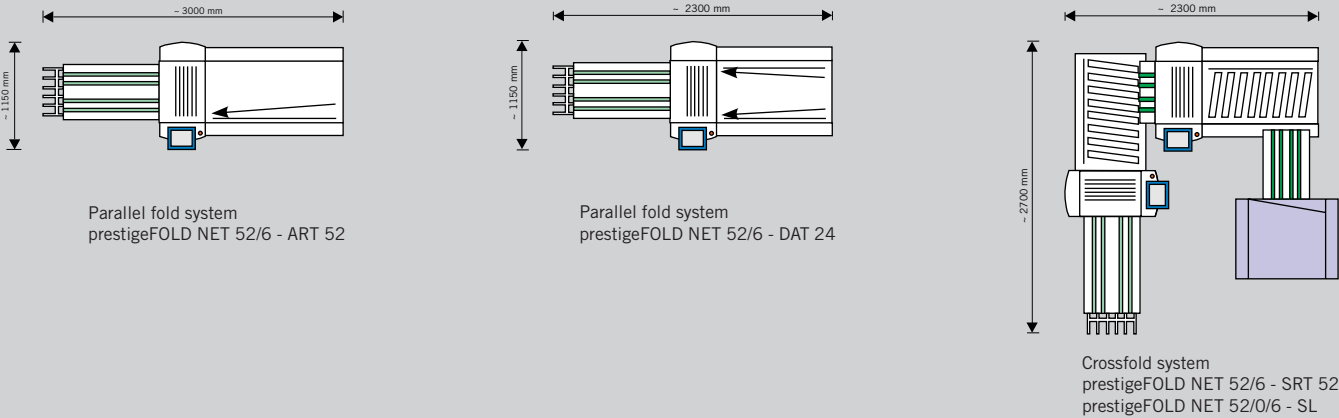


Deflectors have an important function. Consequently they have been designed so that their uninterrupted surfaces make for smooth paper travel and eliminate nicks and marks on any paper.



Easily accessible delivery shafts for scoring, perforating and cutting tools.

Paper sizes:	DAT 24	Length	min.	Width	min.
	one-up	max. 610 mm (24")	100 mm (4")	max. 520 mm (20")	100 mm (4")
	two-up	610 mm (24")	100 mm (4")	230 mm (9")	120 mm (4 11/16")
	ART 52	max. 1320 mm (52")	min. 100 mm (4")	max. 520 mm (20")	min. 100 mm (4")
	one-up				
Fold length:	min. 3.5 cm (1 3/8")				
Paper weight:	40 to 250 GSM (13 lb. bond to 90 lb. cover) for single parallel fold				
Speed:	up to 220 m/min (721.6 ft./min) (depending on paper quality)				
Electrical:	Voltage:	3 x 400 V / 50 Hz / N / PE or 3 x 208 V / 60 Hz / PE			
	Current consumption:	10 A			
	Power consumption:	prestigeFOLD NET 52/6 with DAT or ART: 0.9 kW (900 W)			
		Delivery AM 52: 0.1kW (100 W)			
Weight (net):	prestigeFOLD NET 52 with DAT:	460 kg (1014 lbs.)			
	prestigeFOLD NET 52 with ART:	550 kg (1213 lbs.)			
	Delivery AM 52:	80 kg (176 lbs.)			



Folding better automatically

prestigeFOLD NET 52

for Continuous Forms Processing



Highest Possible Productivity through Fully Automatic Folding Technology.

Technical improvements may be introduced without previous notice.

