The Ultimate Folding Technology

- **Fully automatic machine set-up**
- **Sturdy construction**
- **High degree of adaptability**
- **Networking capability**
- **Modern industrial design**
- **Noise-reducing engineering**

Automatic from feeder to delivery

The automatic set-up system controls all settings of the machine from feeder to delivery. Starting with the unfolded sheet size, the chosen type of fold and the paper thickness measured by the paper thickness sensor, the computer control calculates the positions of the various setting elements and adjusts them accordingly.

Fold units
Automatic setting of alignment rails, fold plate stops, deflectors and fold rollers

Feeder
Automatic setting of rear edge separator and side stops

Delivery
Automatic setting of the delivery rollers

Nothing could be easier

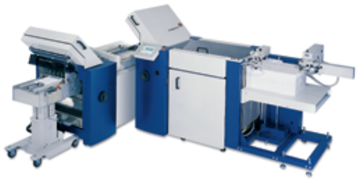
Intelligent machine control and touch-screen operation simplify the folding process. The central touch-screen panel is the interactive operator interface where all important settings are made. Manual interference is reduced to a minimum. The operator guidance is self-explanatory and organized analogous to a conventional card file. The operator knows at any time which menu is active and which options are still available. prestigeFOLD is already prepared for the future, because an interface allows integration into in-plant networks. This is the basis for transfer of data to the machine by means of a JDF-file or for production data acquisition.

Advanced industrial design

Modern industrial design has combined functionality, form and ergonomics into one single entity. Machine covers and accessibility do not exclude each other. Noise-absorbing measures do not interfere with operating the machine.

prestigeFOLD NET 38/6 PBA

prestigeFOLD NET 52/6 FSA



prestigeFOLD NET 52/4/4 FSA

prestigeFOLD NET 52/4/4/MS FSA

Touch technology

Communication between operator and machine takes place via several masks

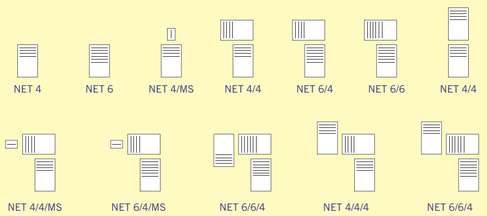
Settings are entered or activated by simply touching pictograms, scales or text messages.

20 standard parallel- and crossfolds are pre-programmed. All other folds are freely programmable.

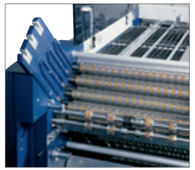
More than 200 jobs can be saved. When calling up jobs from the memory, the automatic set-up feature takes care of all settings.

Flexibility

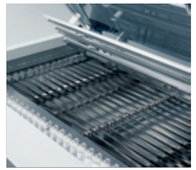
prestigeFOLD NET is of modular design and available with one, two or three buckle folders. The first and second fold unit can be equipped with four or six, the third fold unit with four fold plates. Combinations with a mobile knife fold unit or a cutting module are also possible.



Simple Operation | Short Set-up Times | Optimal Results



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

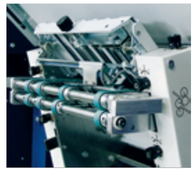


Register table with antistatic lattice-type surface.

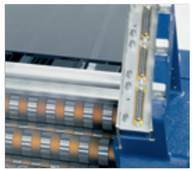
Fold rollers are driven from both sides by maintenance-free belts, resulting in perfectly synchronized operation.

Reduction of static build-up by 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.

Small format vertical stacker SKM 36 especially for small folds.

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.

A head start through experience

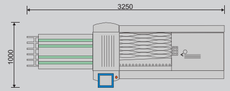
For decades we have been developing and building folders and machine systems for post-print paper handling. We were the first to use computer controls in our folders. At first only for the automatic setting of fold plates, as a next step also for saving and reproducing setting data, for the automatic positioning of alignments rails, delivery rollers and fold rollers.
With prestigeFOLD we have now reached an even higher level of automation. For the first time, complete automatic set-up from feeder to delivery has been realized.

Optional equipment

- Mobile knife fold unit MS 45
- Additional fold unit KF 31
- Cutting device
- Gate fold plate
- Pharmaceutical fold unit
- Gluing device
- Antistatic device
- Small format vertical stacker
- Software module for barcode reading
- Remote maintenance module
- Timed perforation
- Timed cutting
- Center cut-out device
- Side trim device
- Scoring and perforating tools
- Kicker for delivery

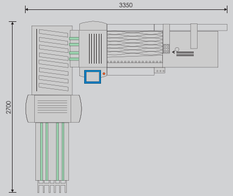
Technical improvements may be introduced without previous notice.

NET 38/6



NET 52/4

NET 52/6/6



prestigeFOLD **NET 38** / prestigeFOLD **NET 52**

Paper sizes:	NET 38:	
	max. 38 x 65 cm (14 15/16" x 25 9/16") (PBA)	
	min. 7 x 12 cm (2 3/4" x 4 11/16") (PBA)	
	max. 38 x 75 cm (14 15/16" x 29 17/32") (FSA)	
	min. 10 x 12 cm (3 15/16" x 4 11/16") (FSA)	
	NET 52:	
	max. 52 x 85 cm (20 7/16" x 33 7/16")	
	min. 10 x 12 cm (3 15/16" x 4 11/16")	
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:	max. 220 m/min (721.6 ft./min) (depending on paper quality)	
Electrical:	Voltage 3 x 400 V / 50 Hz / N / PE	
	Current consumption max. 10 A or	
	Voltage 3 x 208 V / 60 Hz / PE	
	Current consumption max. 16 A	
Power consumption:	Flat pile feeder	0.3 kW
	First fold unit with register table	0.9 kW
	Second fold unit with roller table	0.9 kW
	Delivery	0.1 kW
	Pump	1.9 kW
	Mobile knife fold unit MS 45	0.5 kW

MB BÄUERLE

Folding better automatically

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prestigeFOLD **NET 38** / prestigeFOLD **NET 52**

Folding Better Automatically: Simple Operation / Short Set-up Times / Optimal Results

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