

# High-speed feeding system for document processing



## >> Advantages at a glance

- Automated high-speed feeding system with fold unit
- Loading by means of a cutting machine (continuous forms) or a cut sheet pre-loader
- Simple operation via touch-screen
- High collecting and fold capacity
- Tried-and-tested industrial fold unit
- Reading systems for all current codes

## MB-System 450

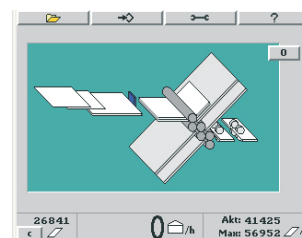
The MB-System 450 stands for maximum productivity. Designed for reading, collecting and folding personalized documents, it features a compact construction combined with simple operation. The documents are fed either as cut sheet via a shingled pre-loader or continuously from a roll.

The personalized documents are read by means of scanners or cameras which are placed in the area of the high-performance suction feeder. Reading can therefore be achieved either from below within the suction feeder or from above after the feeder. All current codes can be used, such as barcodes, datamatrix codes as well as OMR or OCR codes. Based on the information derived from reading, a variable number of sheets is collected and reliably folded without the need to change the fold roller settings. As an alternative to reading, the appropriate number of sheets can also be collected by means of a preselection counter.

It is also possible to integrate further modules, such as a collector (collecting after folding), a diverter or a stitching device. Moreover, MB-System 450 can be used offline or online in connection with digital printing or other systems for further processing. If a belt delivery is used, it can be positioned inline or at an angle of 90° to the folding system. Furthermore, separator sheet feeders can be integrated as an optional equipment within the range of the belt delivery for logistics applications.

As the modules can be set automatically, a larger format variability and reduced set-up times are guaranteed.

An optional integration of the MB Bäuerle Software System Solutions makes sure that the processing of a log file is recorded in detail. The suitable software modules such as reporting, monitoring or the output read system can be adapted to customer-specific requirements.

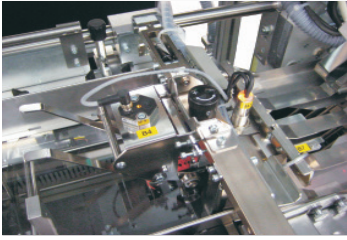


AUTOMATION FOR EFFICIENCY. ■

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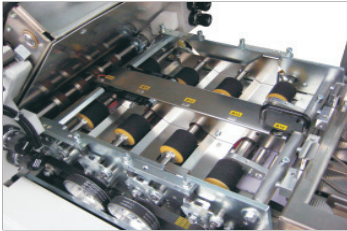
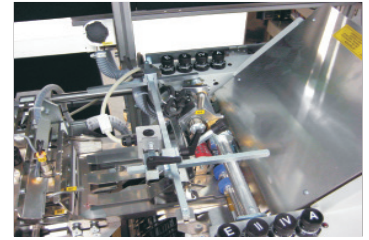


## >> System modules



Accumulator with reading system

Accumulator with fold unit with 4 fold plates

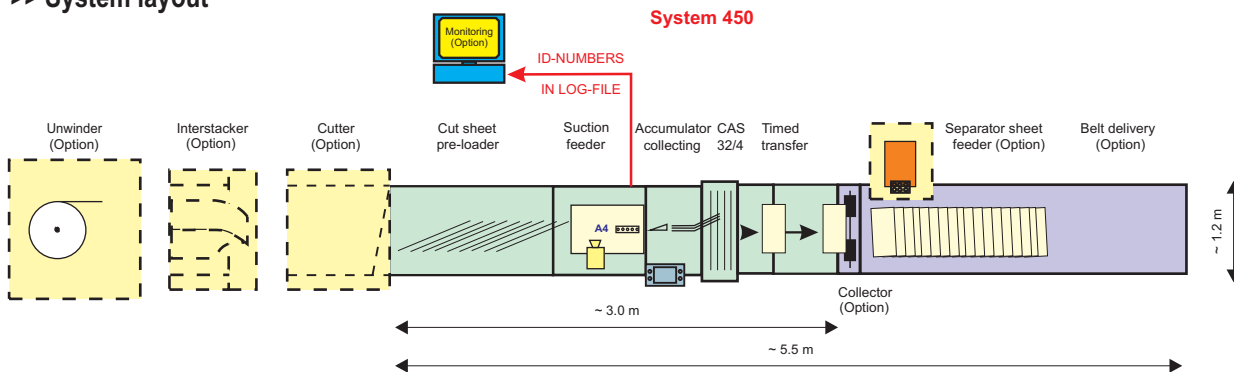


Buffer (optional)

Rejection unit with belt delivery (optional)



## >> System layout



### Technical specifications:

Paper sizes: Length - max. 215 mm (8.5")  
without folding min. 100 mm (4")  
Width - max. 305 mm (12")  
min. 178 mm (7")

Paper sizes: Length - max. 356 mm (14")  
with folding min. 200 mm (8")  
Width - max. 305 mm (12")  
min. 178 mm (7")

Paper weight: 80 - 130 GSM

Speed: A4 landscape - approx. 55,000 sheets/h  
(depending on material)  
11 2/3" - approx. 45,000 sheets/h  
(depending on material)

Buffer capacity: up to 9 sheets, (Papier ~ A4, 80 GSM)  
Subsets are formed to enable collection of up to 100 sheets A4 in the collector

Electrical ratings: 3 x 400 V / 50 Hz / N / PE, 16 A CEKON-plug

