

Highest efficiency for processing cards



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1,890/3,780
cards



85.60 x 53.98 mm
3 3/8" x 2 1/8"



fully automated
card processing



flexibility in card
reading



0.76 mm/0.03"



stand-alone/
integrated

WATERMILL

Maximum productivity

through fully automated processing

Banks and service bureaus in particular are among the many card processors challenged by the trend towards ever-smaller job sizes. This often results in time-consuming, costly manual sorting practices and card mailing systems working well below their capacity. To optimize card sequencing for manual output or mailing, BÖWE SYSTEC has developed the mass storage device Watermill. It is easily integrated into new or existing BÖWE SYSTEC card mailing systems and is also available as a stand-alone module.



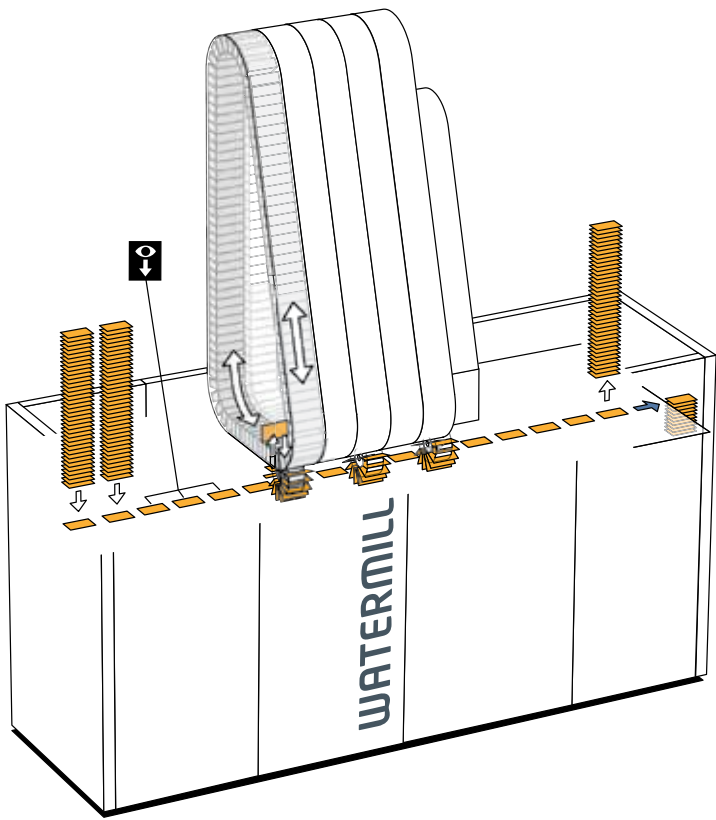
The Watermill card storage system is capable of storing a large number of personalized and non-personalized plastic cards from different jobs in an unsorted sequence and dispensing them in the desired order, using the customer database. The operator loads the unsorted plastic cards into Watermill. The cards are stored in random order and dispensed in a database-controlled sequence for further processing. It is no

longer necessary to manually pre-sort individual orders, reducing the number of potential errors and production time. Repetitive set-ups for numerous small orders are also a thing of the past. Watermill is available as a module that can be retrofitted in existing BÖWE SYSTEC systems, or as a stand-alone module. Where Watermill is integrated into the manufacturing process, for example, all cards intended for a specific recipient

can be collated on a single carrier document – independent of the type of card. Stand-alone, Watermill may be used as a mini vault for the fast output of frequently processed card types, for instance. Watermill comes with three or six storage units and holds up to 1,890 or 3,780 cards, respectively. Stored cards can be displayed and managed with the Card Manager control software.



Technical Data



Max. storage capacity	
Configuration with three storage units containing up to 1,890 cards (empty module between each storage unit)	Configuration with six storage units containing up to 3,780 cards (empty module between each storage unit)
Card types	
Embossed/Non-embossed cards	Personalized/non-personalized cards
Card formats	
ISO/IEC 7810 ID-1 Format CR 80 85.60 mm x 53.98 mm x 0.76 mm	Flexible card reading OCR, 1D barcode, 2D code (Data Matrix), magnet stripes LoCo/HiCo, contact chips, contactless chips
Card thickness	
0.76 mm	Card material PVC, ABS, PC, PET-G
Available configurations	
Stand-alone	Integrated in BÖWE SYSTEC card mailing systems