

The new generation of mail sorting systems



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Contains exemplary illustrations



C6→C4
#7 3/4→9 x 12



47,000 env/h



low TCO



8 mm



24 – 192



< 70 dB (A)

SIMEXLETTER

Outstanding sorting technology

Unmatched performance

The market for private mail service providers is characterized by continuous change, technical developments and tough competition. With Simex Letter, BÖWE SYSTEC offers an appropriately flexible and efficient solution. It is perfectly tailored to the requirements of small and medium-sized mail service providers and based upon proven and worldwide established technology. The modular system allows a throughput of up to 47,000 envelopes per hour. Even large formats such as B5, C4 or Flats (9 x 12) can be processed smoothly and reliably at high speed. In addition, Simex Letter achieves optimal results in sequencing. The ergonomic design of the system is matched by the new, intuitively operable software BÖWE Sort, which provides a high level of operator friendliness and contributes to improved efficiency.



Outstanding sorting technology
with lowest mechanical reject rate



Broadest spectrum of formats from C6 or #7 3/4 to B5 or 6 x 9 and even up to C4 or Flats (9 x 12) for mixed mail



Market-leading OCR technology in the industry for best possible reading performance



High availability and low wear result in low **Total Cost of Ownership**



User-friendly due to especially **ergonomic design**

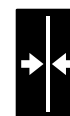
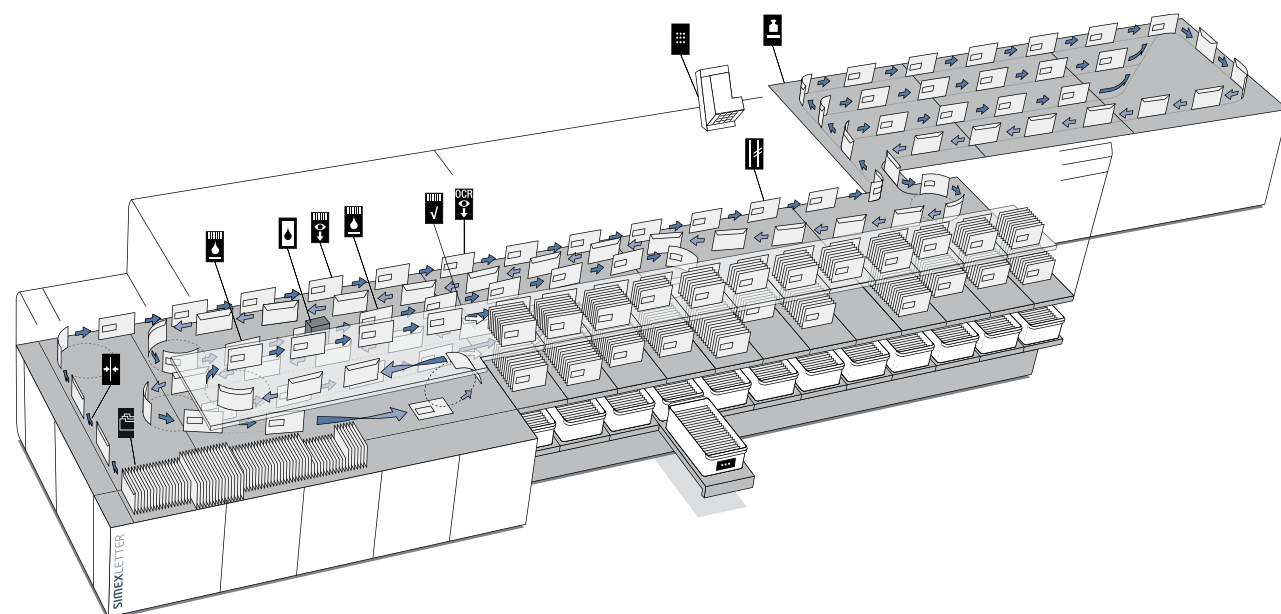


Flexible software platform **BÖWE Sort** for customized solutions and easy operation

Diverse functionalities

at highest quality levels

The outstanding sorting technology of Simex Letter offers professional and reliable mail sorting at the highest possible levels. At a throughput rate of up to 47,000 mailings per hour the patented guidance channels ensure low mechanical reject count. Industry-leading OCR reading technology guarantees the highest reading rates throughout the whole sorting process. Thanks to its modular design, Simex Letter can be perfectly adapted to individual customer requirements. The compact and ergonomic design of the system in combination with low TCO make Simex Letter an ideal investment now and in the future.



Thickness measurement unit

Determines the thickness of each mailpiece; in combination with mailpiece length and width (determined via OCR), the approximate weight can be calculated



Barcode reading

For front and/or rear, reads black or fluorescent ink



OCR reading

Market-leading technology with highest resolution enables extremely high reading rates



Doubles detector

Prevents sorting errors due to mailpieces attaching to one another; doubles are stacked in a special divert bin



Barcode printer

For front and/or rear of envelope. Prints either with black or fluorescent ink



Graphics printer

Monochrome printing of operator logo, customer logo, franking, barcodes or sorting information



Barcode verifier

Quality check of codes printed within the system



Label printer

Prints barcodes or sorting information for labeling post boxes



Scale

Dynamic weighing of mailings – trade approved single or triple scale options, with the latter to be able to weigh items at the optimal speed of the sorter



Separation card system

Separation card system for customer and activity switching without delay

Ergonomic design

User-friendly in every respect

Besides top-performance Simex Letter provides optimal working conditions as well as simple and easy handling. 95 percent of all men and women can operate Simex Letter ergonomically. Due to this system's compact and ergonomic design, usually only a single operator is needed. Additionally, Simex Letter scores with easy accessibility, reduced noise level and low maintenance requirements.



- › Compact design
- › Operation from a single side on two levels
- › Ergonomically ideal for 95 percent of men and women
- › Machine operation by one person possible
- › Low noise level < 70 dB (A)
- › Easy access to all components



BÖWE Sort

The modern sorting software

The new software platform Orbiter has also introduced a new software generation to mail sorting: BÖWE Sort. BÖWE Sort is a flexible software system allowing customized solutions for individual requirements. The universal design of the software for all BÖWE SYSTEC installations and the intuitive usability enable significant productivity increases. The use of state-of-the-art technology and continuous development ensure future expandability of BÖWE Sort and guarantee highest possible protection of investments.



- › Uniform software for all BÖWE SYSTEC mail sorting systems reduces training requirements and adds to increase of productivity
- › Upward compatible to new operating systems such as Windows 7
- › Backward compatible with existing BÖWE SYSTEC software solutions
- › Universal design allows for simple and intuitive operation via touchscreen
- › Offers all required interfaces to ERP systems of private mail service providers, such as CodX PostOffice, ProMail or EasyPost
- › Numerous options for enhancement and customizations to meet individual requirements



BÖWE Sort allows simple and intuitive preparation of sorting runs (setting mode of operation, sorting scheme, etc.)



Simple and clearly arranged configuration and monitoring of integrated devices, such as printers or scales, with the BÖWE Sort Device Manager

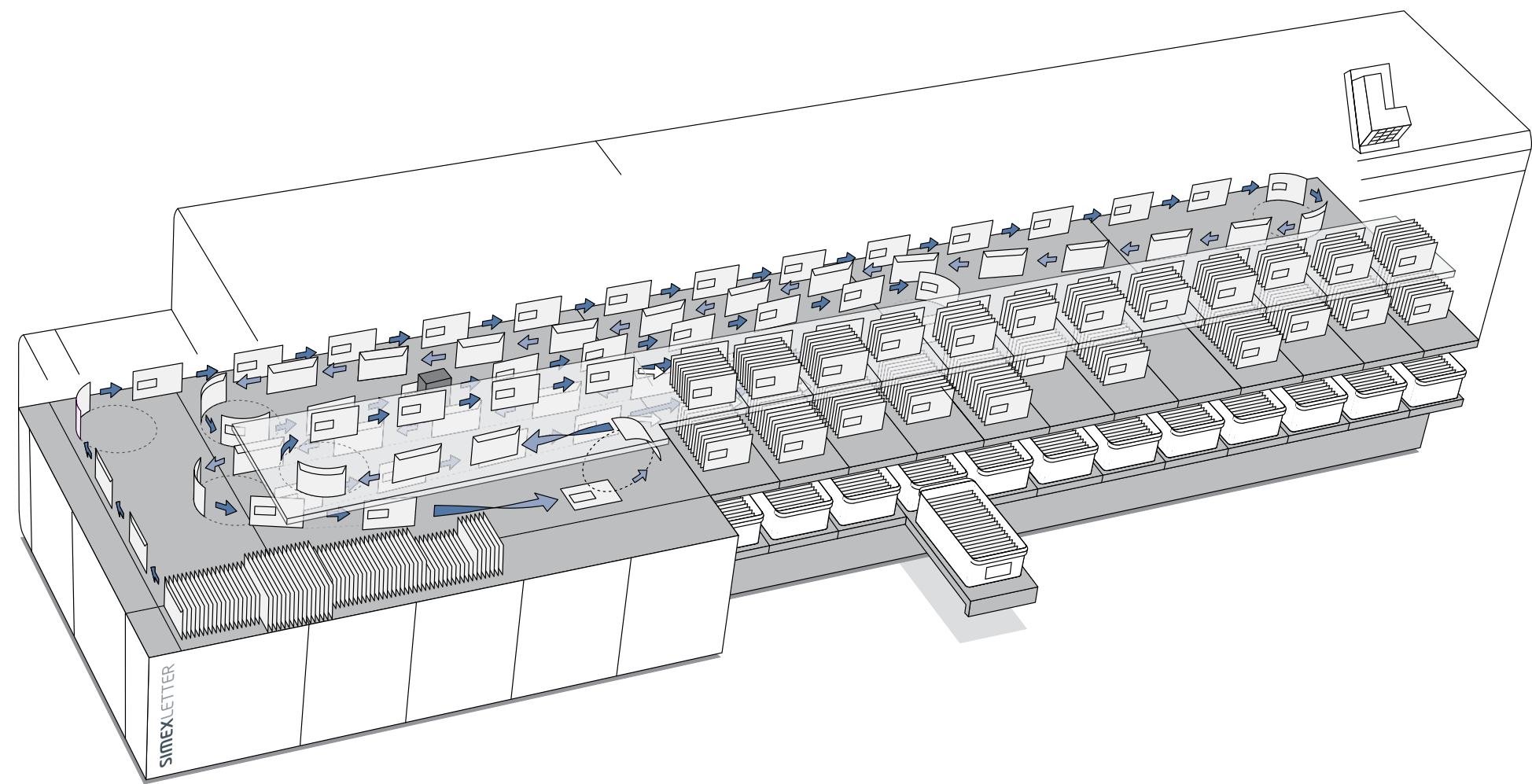


BÖWE Sort monitors the sorting runs and supports easy localization and trouble-shooting in case of errors with a virtual display of the machine layout



Intuitive creation and processing of print layouts

Technical Data



Max. performance

C6, DL, B5	up to 47,000 env/h	Mixed mail incl. C4 or 9 x 12 (up to 20%)	up to 42,000 env/h
#7 3/4, #10, 6 x 9			

Sort bins

Quantity	24 – 192
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Sort bin capacity

350 mm in upper level	440 mm in lower level
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Envelope formats

Width	140 mm – 324 mm	Weight	2 – 100 g
Height	85 mm – 229 mm		

Max. envelope thickness

0.15 – 8 mm
