

Mixed mail sorting

at maximum performance level



BÖWE SYSTEC GmbH
Werner-von-Siemens-Str. 1 | 86159 Augsburg | Germany
Phone +49 821 5702-0 | Fax +49 821 5702-234
info@boewe-systec.com | www.boewe-systec.com

Managing Directors:
Joachim Koschier | Dirk van Vinckenroye
Registered Office: Lüneburg | Local Court HRB 10736 HL
VAT ID DE274185634

Order No. 17/148 | Printed in Germany | 03/2018
May be subject to technical changes or errors
Contains exemplary illustrations



C6→B4
#7 3/4→Flats



30,000 items/h or
15,000 items/h



OCR



20 mm



8 – 192



inbound &
outbound

SIMEXFLEXI

Outstanding sorting technology

Exceptional performance

The Simex Flexi mail sorting system offers unrivaled performance at an unbeatable price. It comes in the perfect configuration to meet the highest standards of value-driven service providers in the private and national mail processing business. The modular system allows a reliable throughput of up to 30,000 items per hour with a maximum thickness of 20 mm and processes applications from the small DIN C6 or #7 3/4 format to the large DIN B4 or Flats format. Larger mail like magazines, newspapers, catalogs or poly-wrapped items are also sorted effortlessly. The system's high level of flexibility and modularity makes it easy to adapt it to customer specifications. Simex Flexi is – like all BÖWE SYSTEC sorting systems – operated with the easy to use software BÖWE Sort.



Low reject rate due to **gentle processing**, easy on materials



Covers a uniquely **broad spectrum of formats** from C6 or #7 3/4 to B4 or Flats including newspapers, magazines, catalogs, and poly-wrapped items for mixed mail



Market-leading OCR technology incl. handwriting recognition guarantees excellent read rates



High availability and low wear and tear resulting in low **Total Cost of Ownership**



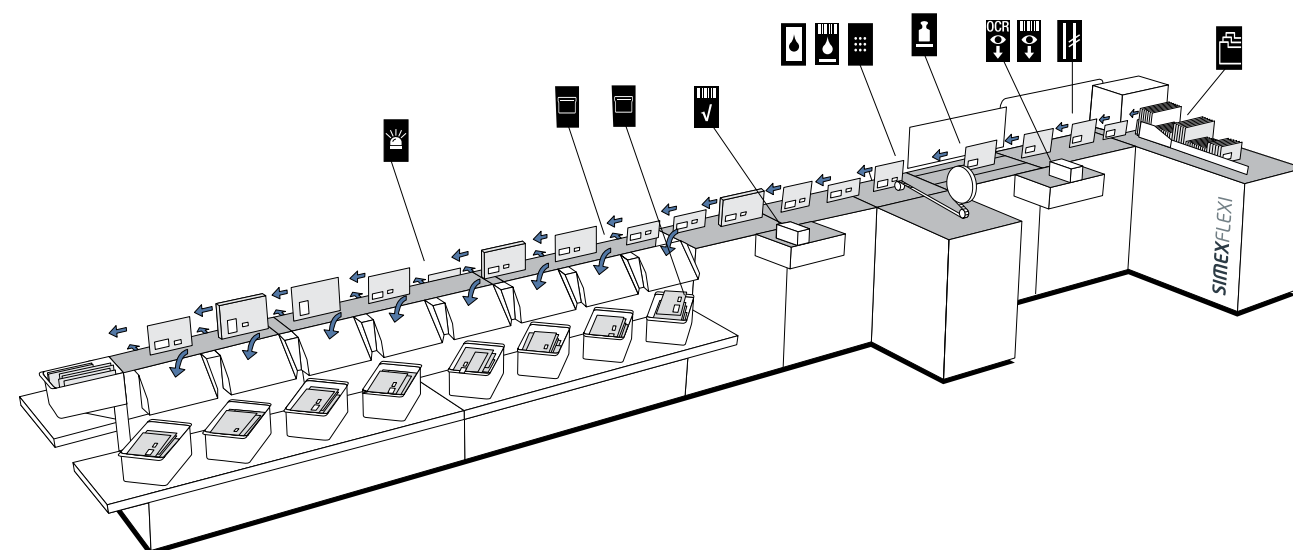
User-friendly through **ergonomic design**



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

Multi-format processing at maximum performance level

Simex Flexi offers professional and secure mixed mail sorting at maximum performance level. The straight line transport ensures items are processed without damage. The advanced feeder separates different types of mail – from standard letters to 20 mm thick, poly-wrapped catalogs – reliably. At a speed of up to 30,000 items per hour, guiding channels guarantee gentle and constant material flow, keeping the reject rate to a minimum. Market-leading OCR reading technology ensures the highest read rates and maximum security for the complete sorting process. Simex Flexi's extraordinary flexibility and modularity make it easy to adapt the system to individual customer needs and retrofit as necessary at any time.



Mail output

Sorts mixed mail into vertical stacks or mail tubs on two sides; electronic bin displays at destinations; with multiple rollers and conveyor belts on top of each other, the system is ideally suited to handle larger items



Barcode reading

Code reading on front of mail items in all four directions (no re-arranging of items necessary), second camera for backside reading optional



OCR reading

Market-leading technology with highest read rates for typewritten and handwritten text



Doubles detector

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



Barcode printer

Front and/or back envelope printing available in monochrome or with fluorescent ink



Graphics printer

Monochrome printing of provider logos, customer logos, postage, barcodes and sorting information



Barcode verifier

Quality check of codes printed within the system



Labeler

Labeler for inline application of labels items (labels may be printed with barcodes or graphical elements)



Scale

Dynamic scale



Separation card system

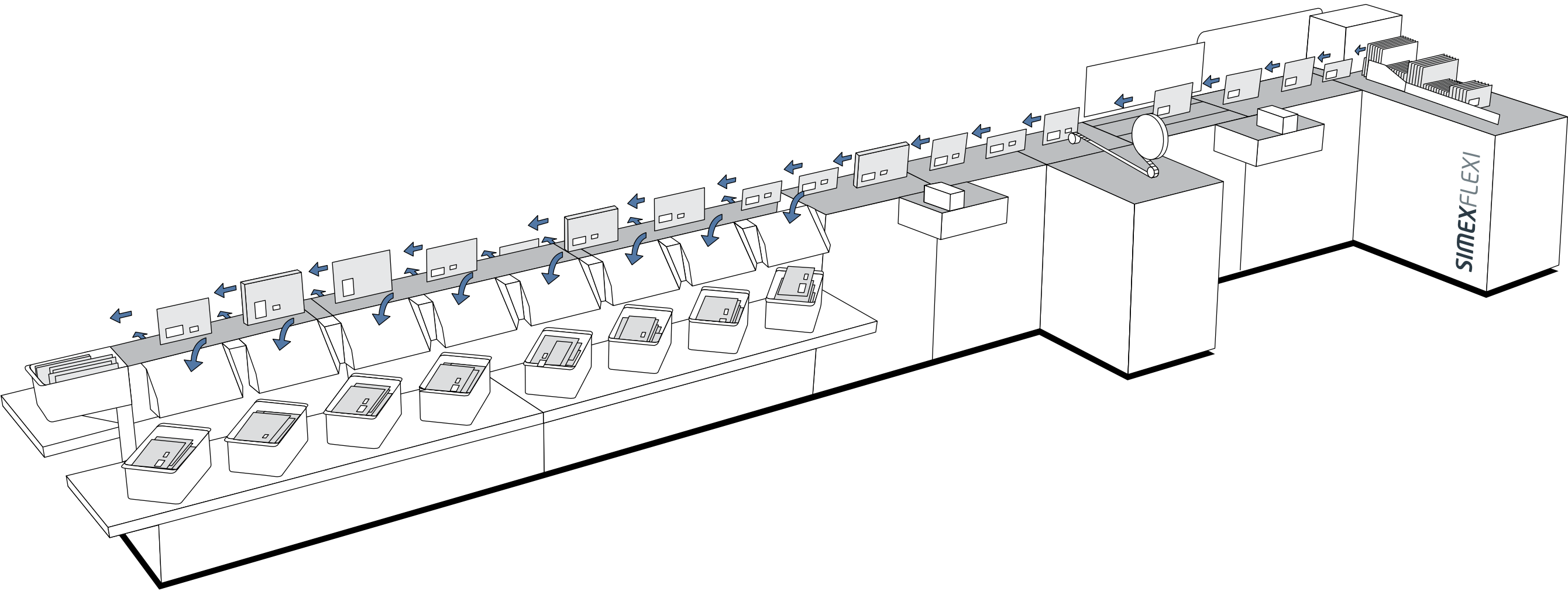
Separation card system for customer and performance type changeover without loss of time



Jam detection

Illuminated jam sensors and stop buttons installed along the whole length of the bin module for fast and easy troubleshooting

Technical Data



Max. performance

C6, B6, B6+, DL, C6/5, C5, B5 #7 3/4, #10, 6 x 9, Stretch/Brokerage	up to 30,000 items/h	C4, B4, magazines, newspapers, catalogs, poly-wrapped items Flats (9 x 12, 10 x 13)	up to 15,000 items/h
--	----------------------	---	----------------------

Sort bins

Quantity	8 – 192
----------	---------

Destinations

Stackers	Boxes
----------	-------

Mailpiece formats

Width	140 mm – 353 mm	Weight	2 g – 1 kg
Height	85 mm – 250 mm		

Max. mailpiece thickness

0.25 – 20 mm
