

# NO-COMPROMISE MAIL LOGISTICS



**LETTER & MIXED  
MAIL SORTING:  
SIMEX FLEXI**

- ✓ **MIXED MAIL SORTER**
- ✓ **BROAD FORMAT SPECTRUM**
- ✓ **BEST OCR-TECHNOLOGY**
- ✓ **HIGH AVAILABILITY**
- ✓ **SIMPLE & ERGONOMIC OPERATION**

## MAIL LOGISTICS EFFICIENT LIKE NEVER BEFORE

The mail market is highly competitive and constantly changing. Numerous private sector service providers have meanwhile made a name for themselves in the mail market alongside public sector operators with flexible and tailored mailing solutions and a high quality range of services. Besides digitization, one trend above all others has long been apparent in mail sorting centers. No longer is it just a case of dealing with letters and postcards; increasing volumes of catalogs, goods and express

deliveries also need to be handled within tight time windows. The same is true for in-house mailrooms handling incoming and outgoing mail. All of this means that it has long ceased to be possible to rely on doing things by hand to cope with the high volumes of mail. We are here to support you in delivering your customers' mail to its destination affordably, rapidly and reliably with smart, integrated mail logistics solutions from BOWE SYSTEC.

### SIMEX FLEXI AT A GLANCE



High volumes



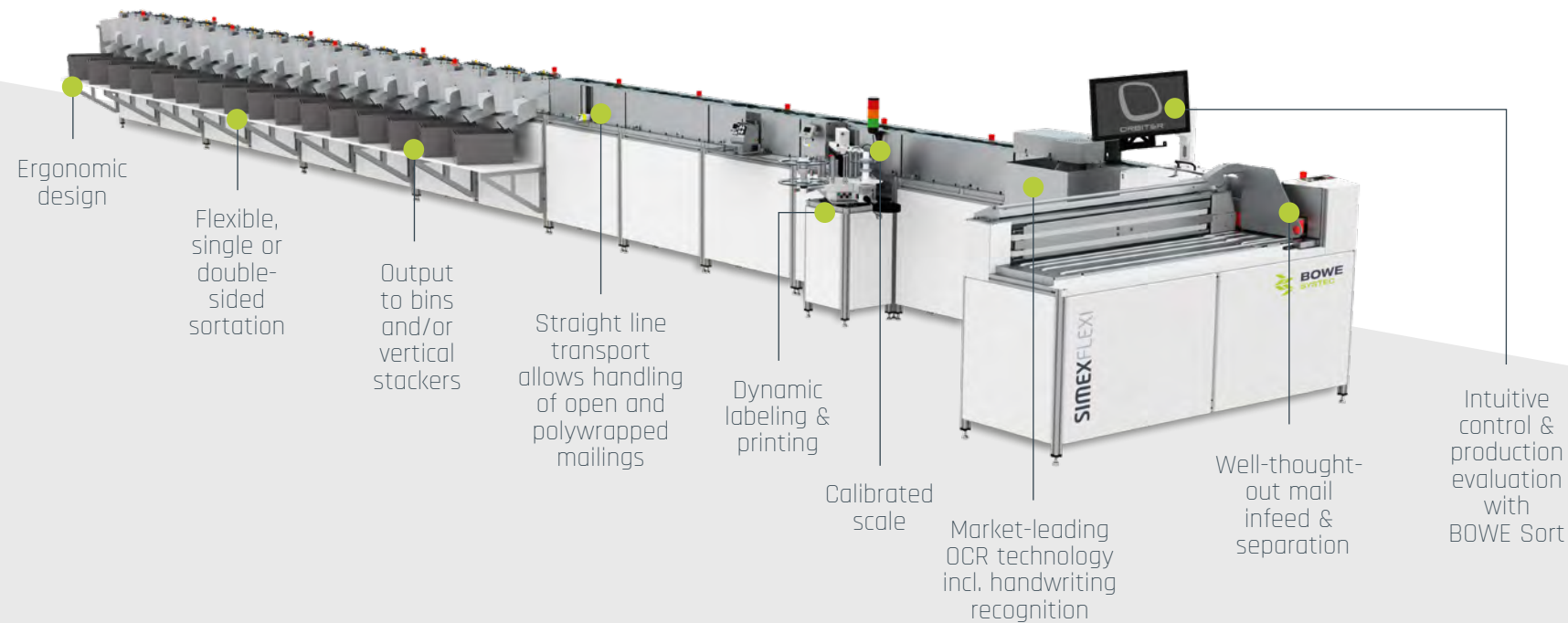
Top price-performance ratio



Unmatched processing spectrum



Highly flexible & modular design



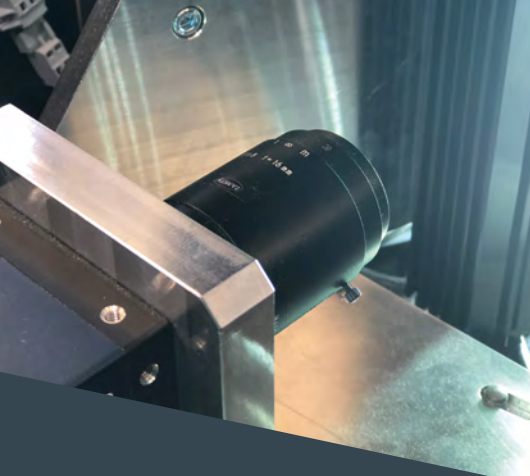
# FASTER MAIL DELIVERY

Whether incoming or outgoing mail and whether office or mailroom - we have the right sorting solution for every application. Our Simex Flexi sorter sorts mail precisely in accordance with your individual needs, combining high throughput, high availability and top reading rates. It is perfectly suited to the requirements of small and medium-sized mail service providers as well as in-house mailrooms, offering unbeatable performance at an attractive price.

BOWE Sort intuitive software coupled with the system's ergonomic design delivers a high degree of operator comfort and helps to boost productivity while fulfilling even the strictest integrity requirements. From pre-sorting to sorting along to a mail carrier's route and from the first to the last mile - with its additional features for more extensive automation, our fully integrated BOWE Sort sorting software makes mail logistics simpler, more transparent and more efficient than ever before.



From large, thick catalogs to small postcards or polywrapped direct mail - in fact whatever the composition of the postbag - you are well equipped for whatever comes your way with the Simex Flexi. What sets the Simex Flexi apart from other mail sorting systems is the broad spectrum it can process. This highly flexible system ensures that mixed mail is reliably sorted, reducing manual sorting to a minimum and generating enormous time savings for your organization.



## SIMEX FLEXI AT A GLANCE

### BEST OCR-TECHNOLOGY

Reliable recognition and coding of addresses, logos and labels is vital for rapid and reliable sorting of all mailpieces and ensuring that they reach their recipients. Industry-leading OCR technologies guarantee the highest reading rates for typed or handwritten addresses and also help to make the entire sorting process as efficient as possible.



High volumes



Top price-performance ratio



Unmatched processing spectrum



Highly flexible & modular design



Outstanding sorting technology with lowest mechanical reject rate



Handles an unmatched spectrum of formats



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



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



Operator-friendly thanks to ergonomic design



Flexible BOWE Sort software platform ensures simple control



**MIXED MAIL SORTING**

## MORE THAN YOU'D EXPECT

This mail sorting system offers not just an unbeatable price but also a number of capabilities that set it apart. Simex Flexi is able to sort up to 40,000 items per hour entirely in line with your requirements and totally reliably. No other system on the market processes such a broad format spectrum - from the small C6 or #7 3/4 postcard format to large B4 letters and Flats, polywrapped magazines or 20 mm thick catalogs. In short, this mixed mail sorter can handle anything a mail sorting center needs to deal with, saving time and money. Its high flexibility and modular design mean that the sorting system can be expanded if necessary and customized to individual requirements. Our intuitive BOWE Sort control software further boosts productivity.

SIMEX FLEXI

# SIMEX FLEXI

## VERSATILITY AND HIGH PERFORMANCE

-  High volumes
-  Top price-performance ratio
-  Unmatched processing spectrum
-  Highly flexible & modular design

### TECHNICAL SPECIFICATIONS

Envelope formats	C6 - B4   #7 3/4 - Flats Magazines, newspapers, catalogs, polywrapped items
Max. item thickness	20 mm
Max. speed	40,000 items/h
Number of sort bins	8 - 192
Identification	OCR, BCR, typed or handwritten
Sort schemes	Inbound & outbound

## SIMEX FLEXI AT A GLANCE

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# ADVANCED TECHNOLOGY FOR MORE EFFICIENCY

Sorting is the key stage in mail processing. Letters and Flats need to be sorted rapidly, reliably and cost-effectively. Featuring technology for particularly gentle mail handling, the Simex Flexi offers professional, high-performance mixed mail sorting. The advanced feeder reliably separates different types of postal items - from standard letters to 20 mm thick, polywrapped catalogs. Guiding channels guarantee a gentle and constant material flow, keeping the reject rate to a minimum. Market-leading OCR technologies ensure top reading rates and maximum reliability throughout the whole sorting process. The system's high availability and minimal wear and tear result in a low Total Cost of Ownership (TCO) and make this modular system an ideal investment for the future.



## SIMEX FLEXI AT A GLANCE

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# ONE SYSTEM FOR ANY ITEM

With its well-thought-out design and its gentle and smooth sorting process, the Simex Flexi is able to sort an extraordinarily broad spectrum of formats and enclosure thicknesses stably, reliably and at high speed. This mixed mail sorter handles up to 40,000 items per hour spanning an impressive range of formats from small C6 or #7 3/4 postcards to large B4 letters and Flats. Even bulky mailings such as newspapers, magazines, catalogs or polywrapped items pose no problem for the Simex Flexi, which can sort items up to 20 mm thick. Since most of the mail can be sorted by machine, error-prone and time-consuming manual sorting is kept to a minimum.

**MAX.  
ITEM THICKNESS  
20 MM**



**FORMATS**  
C6 - B4 | #7 3/4 - FLATS  
MAGAZINES, NEWSPAPERS,  
CATALOGS, POLYWRAPPED ITEMS

# BECAUSE HEALTH MATTERS

On top of its outstanding performance, Simex Flexi provides optimal working conditions and easy, ergonomic handling with low maintenance requirements. The mail sorting system also offers easy access on both sides as well as reduced noise levels that mean it is no longer necessary to wear hearing protectors. The intuitive BOWE Sort software and the system's ergonomic design together result in a high level of operator comfort while boosting productivity.

## SIMEX FLEXI AT A GLANCE



High volumes



Top price-performance ratio



Unmatched processing spectrum

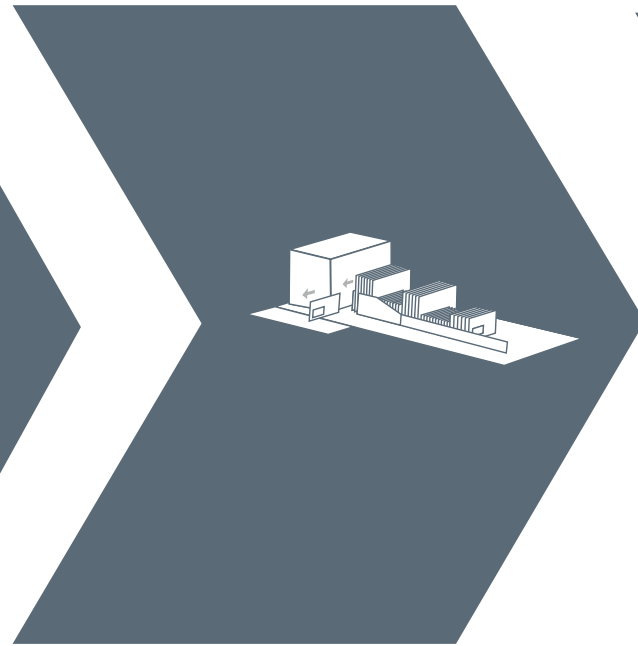


Highly flexible & modular design

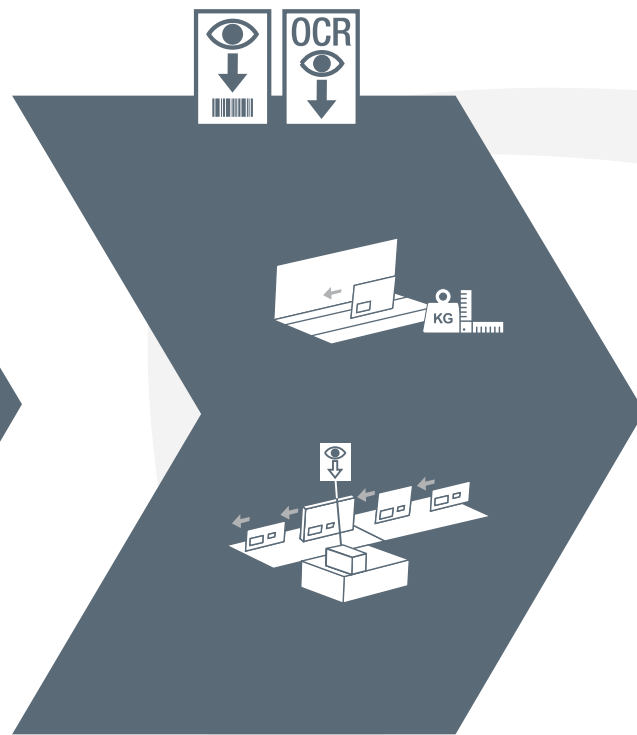




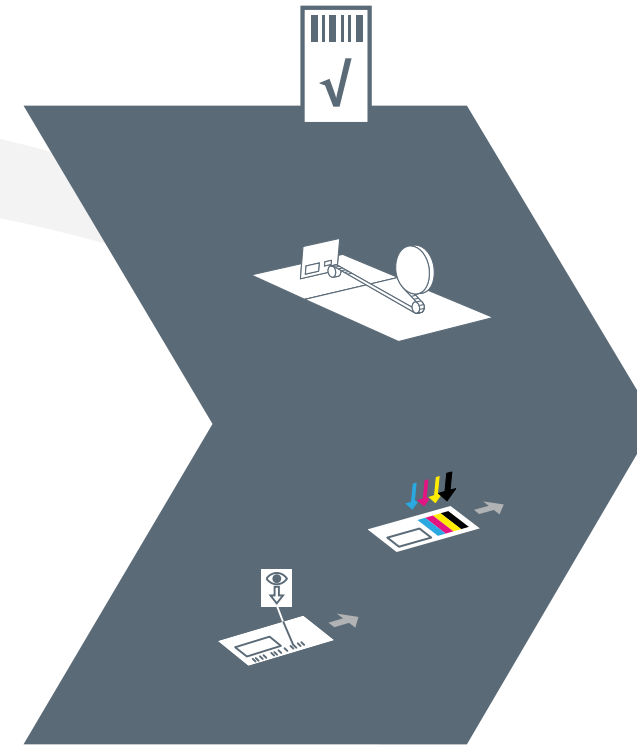
High flexibility  
in mixed mail feeding



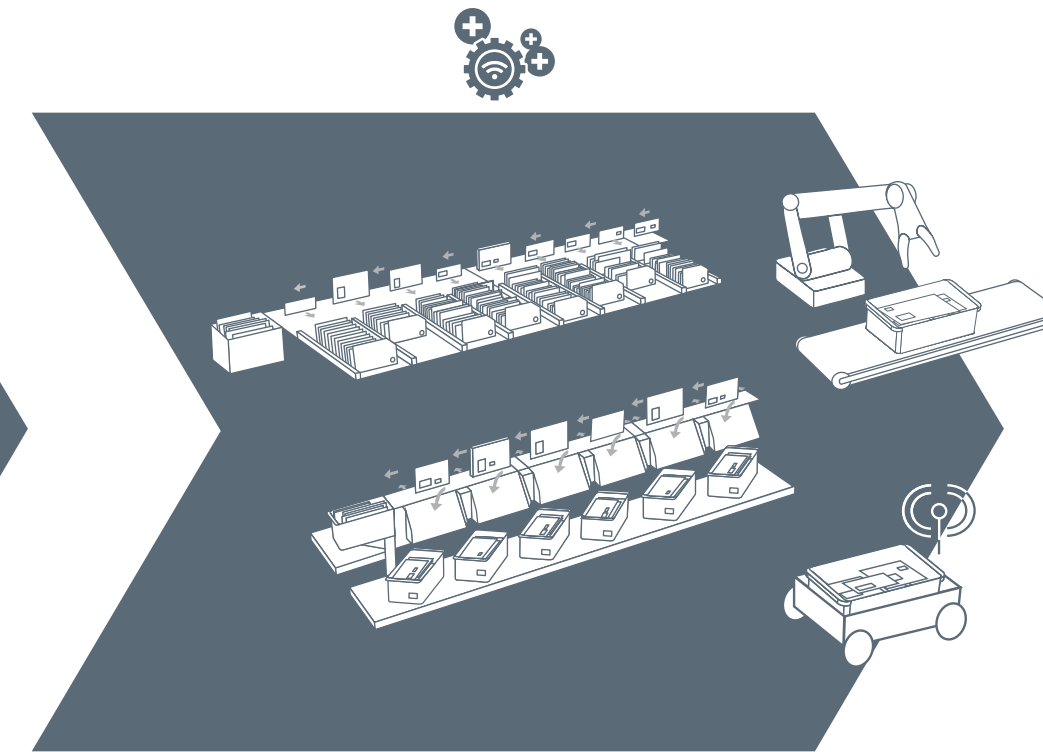
Reliable infeed  
and draw-off



Data collection



Printing &  
dynamic labeling



Sortation &  
output

Options for  
further automation

# THOUGHT-OUT MAIL LOGISTICS

ALL THE WAY TO THE MAILBOX

The market for mail service providers is constantly changing and characterized by technical enhancements and intense competition. The BOWE SYSTEC Simex Flexi is exactly the flexible and efficient mail sorting solution that this kind of situation calls for. It is a fully featured sorter that can be specifically configured to meet your individual requirements and upgraded at any time. Integrate and automate upstream or downstream steps that have to date been carried out separately or manually with the aid of other BOWE technologies and benefit from smart features.

## SMART SOFTWARE SOLUTIONS

Simex Flexi only unlocks its full potential in combination with our high performance BOWE IQ software. The smart sorting systems can be networked with each other and controlled intuitively in line with Industry 4.0. It is this level of intelligence that paves the way for the automated yet highly flexible mail production centers of tomorrow. Integration with a Warehouse Management System also opens up new possibilities for automation and enhanced efficiency in your mail sorting center. Clever features such as mail bin sorting or tracking using RFID technology round off the portfolio.



Process-optimizing  
software (Warehouse  
Management Systems)

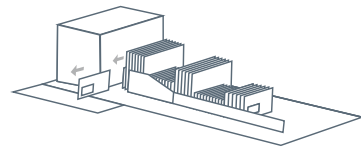
## SIMEX FLEXI AT A GLANCE

- High volumes
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- Unmatched processing spectrum
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Some features optional.

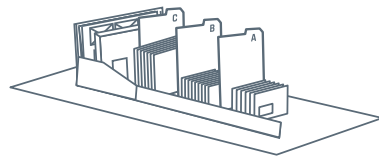
The highly modular design of the Simex Flexi means that it can be configured to meet your individual requirements or easily upgraded at a later stage. Well-thought-out functionalities to further automate the sorting process as well as up- or down-stream processes make mail sorting simpler than ever before.

# PERFECTLY EQUIPPED



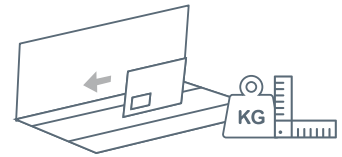
## Well-thought-out mixed mail infeed

A doubles detector prevents sorting errors as a result of mail pieces sticking to each other. Doubles are routed to a special bypass bin without interrupting the sorting process.



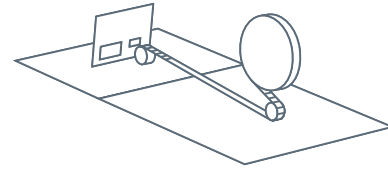
## Separation card system

Simple yet efficient. A separation card system allows rapid switching between customers or service types without any additional manual intervention via the software, eliminating potential loss of time.



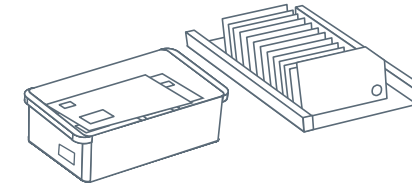
## Calibrated weighing at full speed

Calibrated scales integrated in the system enable dynamic weighing of items to the nearest gram at full processing speed. BOWE also has the right solution for measuring thickness and format.



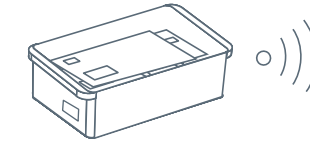
## Graphic printing & dynamic labeling

An integrated labeler applies labels precisely to items as required; graphics or barcodes can then be printed on them during the sorting process. The real plus point here is that the labeler operates dynamically and is only active when needed.



## Flexible mail output

The Simex Flexi sorts mixed mail onto stackers and/or into bins. An electronic display on the output bin indicates the specified sorter destination.



## Mail bin tracking

No more searching. Our locating solutions mean that you know where your sort bins are at any time. Advanced RFID technology makes this possible. Dynamic real time locating adds transparency and optimizes your material flows.

## SIMEX FLEXI AT A GLANCE



High volumes



Top price-performance ratio



Unmatched processing spectrum



Highly flexible & modular design





# SEAMLESS SYSTEM INTERACTION

Like all BOWE SYSTEC sorting systems, the Simex Flexi is intuitively controlled by BOWE Sort software from our BOWE IQ software division. Complex system programming is a thing of the past. Controlling your production is child's play thanks to easy-to-use, easy-to-understand apps. And because no one sorting center is like another, BOWE Sort offers customized solutions to meet individual requirements. The consistent design of the software across all BOWE SYSTEC systems, its intuitive operation and the fact that machines of the same type can be networked with each other, lay the foundation for measurable productivity gains. Sorting runs

can be prepared within minutes, and processes monitored and improved across systems and sites. Database-controlled production also means that nothing escapes your attention: seamless item tracking guarantees 100 percent integrity and traceability. Additional features such as bin tracking, automated returns processing or sorting along to a mail carrier's route further enhance the efficiency of your processes and save your employees time in their daily work.

MORE ABOUT  
OUR SOFTWARE  
BOWE.COM/IQ



- ✓ DEFINITION OF INDIVIDUAL SORTING SCHEMES
- ✓ INTEGRATION INTO A HIGHER-LEVEL ERP SYSTEM
- ✓ DYNAMIC CUSTOMER CHANGEOVERS
- ✓ DYNAMIC LABELING
- ✓ POSTAGE OPTIMIZED SELECTION OF MAIL SERVICE PROVIDERS
- ✓ SORTING ALONG TO A MAIL CARRIER'S ROUTE
- ✓ FILTERING OUT RELOCATION ADDRESSES
- ✓ AUTOMATED SORTING OF RETURNS
- ✓ SIZE-RELATED PRINT LAYOUT
- ✓ DIVERTING SPECIAL ITEMS
- ✓ BIN SORTING
- ✓ RFID POSTAL TRAY TRACKING
- ✓ TRACK & TRACE
- ✓ INTEGRATION SOLUTIONS

Some features listed here are optional.

## DRIVING DOWN YOUR DELIVERY COSTS

It's difficult to keep on top of the mail delivery price jungle. So it's just as well that our systems save you the trouble by automatically selecting the best and cheapest mail service provider for every individual postal item during the sorting run on the basis of the address data, weight, dimensions and time stamp. This has the added benefit that franking is no longer necessary since the relevant billing data is simultaneously calculated for individual invoicing to the customer.

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24/7

# BY YOUR SIDE WORLDWIDE

A high-quality product requires first-class service. That's why we cover the world for you from our headquarters in Augsburg and through our network of about 20 subsidiaries and over 50 general representatives across the globe. Our local service presence helps you maximize your productivity and minimize your downtime. BOWE SYSTEC gives you a dedicated contact who speaks your language and who is reachable 24/7. Short travel distances also mean quick, unbureaucratic support. We are by your side anywhere in the world to make sure your mail sorting center keeps on running.

**FIND YOUR  
LOCAL CONTACT  
HERE**



## LEGAL NOTICE

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# SMART AUTOMATION SOLUTIONS

Our smart automation solutions have been optimizing workflows and production processes for decades in many different industries. Take advantage of our many years of experience in mail processing and discover the perfect solution for your requirements.



**MANY YEARS  
OF EXPERIENCE**



**FUTURE-PROOF  
INVESTMENT**



**BY YOUR SIDE  
WORLDWIDE**



**CUSTOMIZED  
SOLUTIONS**

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