



# **LOGISTIC SYSTEMS MADE DIFFERENT**



# HIGH-SPEED SYSTEMS HIGHER PRODUCTIVITY

The investment in a new or upgraded material handling system is a major business decision. The system must not only ensure a fast return on that investment but also support the customer's strategic business objectives now and into the future. That is why all BEUMER Group systems start with an intensive understanding of every aspect of each customer's unique logistical and financial challenges.



## CLOSE COOPERATION BETWEEN EXPERTS

This approach has allowed BEUMER Group to achieve the world's largest installed base of high-speed sortation systems. In fact, many global brands trust their logistics efficiency to material handling systems which have been designed, manufactured and installed by the BEUMER Group.

It is a process which demands close cooperation between experts from a wide range of skills. BEUMER Group's in-house skills cover research and development, system design, manufacturing and software development. During and after installation we rely on our expertise in project management and integration as well as in system configuration, maintenance and optimisation.

These skills enable BEUMER Group to create sustainable systems, with the highest standards of build quality, which provide end-to-end solutions for optimising the flow of materials from receipt to despatch.

## MADE FOR YOU

- › Representatives in more than 26 countries for fast local support
- › More than 1,400 BEUMER Group sorters installed worldwide
- › Support from the initial business-case, to specification, installation and beyond
- › End-to-end materials flow based on world-class systems: conveying, loading, palletising, packaging, sortation and distribution
- › In-house BEUMER Group experts in each of the core logistic systems skills: design, manufacturing, installation, integration and configuration
- › Global network of support through hotline, field-based and residential services

# DYNAMIC MARKETS RESPONSIVE SORTATION



The market does not stand still and neither should your sortation system. Flexibility can mean many things: it can mean the ability to handle parcels with different sizes, shapes, weights and textures on the same sorter, or the ability to use a single system to handle different sortation tasks. It should certainly mean an agile response to any change in demand or in the industry.

## RETAINING THE COMPETITIVE EDGE

A flexible high-speed sortation system does more than simply minimise the cost per item. Faster sortation speeds enable companies to achieve shorter delivery times whilst precise placement during sortation results in fewer misrouted items.

It is this flexibility which has made BEUMER Group the leading supplier of automated sortation systems to the Postal and Courier, Express & Parcels market. BEUMER Group combines proven, energy-efficient tilt-tray and cross-belt sorters with innovative systems such as the Parcel Picker® and Parcel Singulator. These systems provide the flexibility for Postal and Courier, Express & Parcels companies to retain and increase their competitive edge in an increasingly globalised market.

## MADE FLEXIBLE

- › High-capacity induction and sortation systems
- › Standard steel chutes for discharges to roller lanes, roller cages, boom conveyors, directly into bulk boxes or other containers
- › Automatic and semi-automatic unloading systems
- › Belt conveyor systems
- › Automated parcel singulation
- › Software and controls for high-performance systems in mission-critical environments

# INTELLIGENT DESIGNS SYSTEM-WIDE SOLUTIONS



A single high-speed sorter offers multiple solutions for greater efficiency. Taking a system-wide approach to warehousing and distribution means that BEUMER Group solutions can help to increase efficiency in areas which are not usually directly linked to the sorter. Your customers expect goods to be delivered swiftly and in perfect condition, 24/7, regardless of whether they involve camping equipment, car parts, clothing, shoes, goods from the chemist or books. Our systems are flexible in response to fast changes in item profiles and variable capacity utilisation for example for low or peak seasons.

## ASSESSING THE BIGGER PICTURE

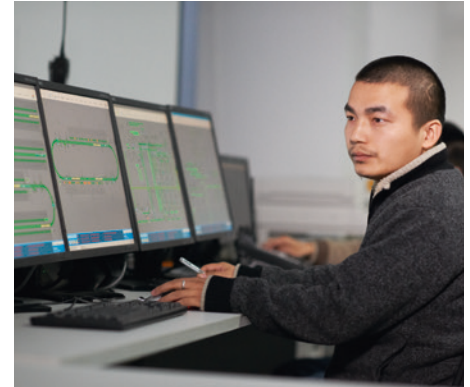
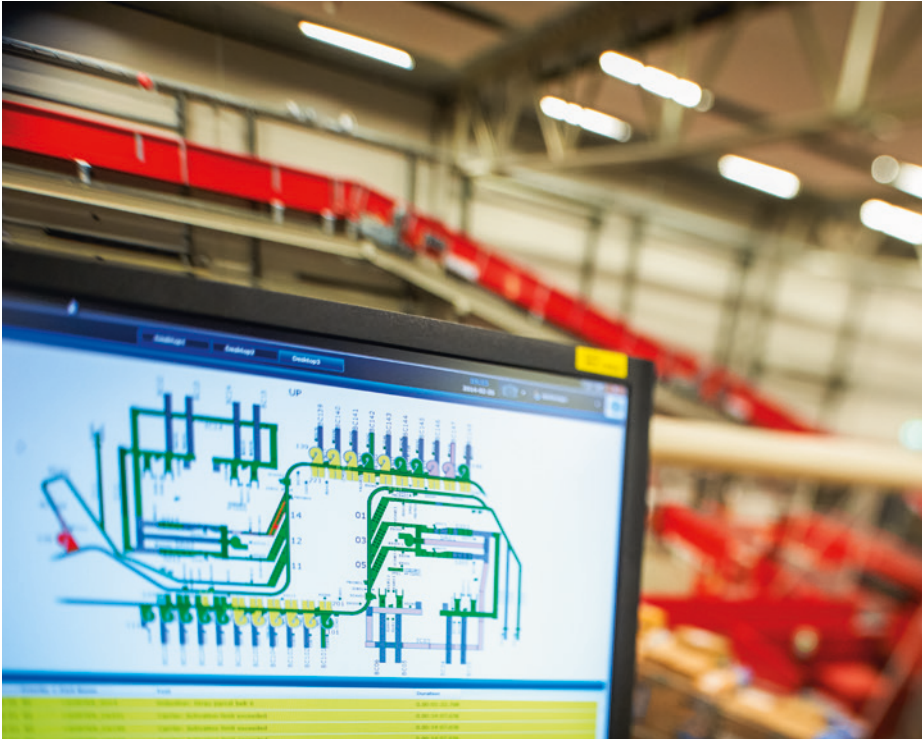
This approach helps specifiers to look at the installation as a whole to see how a BEUMER Group system could provide solutions for a range of logistical and financial challenges. Batch picking, for example, shows how sortation systems can provide a smarter approach compared to conventional order picking. Here, a system solution would allow a two-step order picking process through which the control system checks that the items in each order have arrived in the correct batch sequence. BEUMER Group systems can also help to increase the efficiency in one of e-commerce's greatest challenges: the handling of items returned from consumers.

The sorter's ability to adapt to changing product profiles and to different levels of demand will be as essential as its ability to support quick, smooth, flawless order picking, regardless of the size, weight, shape and surface characteristics of the individual piece goods.

## MADE SMARTER

- › Custom batch picking to increase the efficiency of the order picking process
- › Fully integrated returns handling
- › Total control over the complete order picking system using real-time information
- › Reduced energy consumption by using energy-efficient sorter drives
- › Integration value-added services such as printing, labelling or of shipping documents

# FIELD-PROVEN EASY & SECURE



The Software Suite's task is simple: it must enable monitoring and control of the material handling system to ensure optimum availability and efficiency at all times. Each of the control modules in the Software Suite is based on the robust, field-proven IT architecture which has been continually evolved by BEUMER Group over the past 20 years. The software provides control of the material flow from the moment that it enters the system until it is ready for despatch.

## TOTAL CONTROL

The software can operate at many levels, from basic machine controls to providing comprehensive performance statistics. Seamless integration with the Warehouse Management System, subsystems and peripheral equipment provides access to vital management information and enables system-wide control through a single easy-to-use graphical user interface.

A web-based platform also enables users to access the Software Suite information and controls remotely from a range of mobile devices. This supports access to information and to system controls from any area within the distribution centre from a tablet or smartphone. A selection of widgets allows each user to create a personalised virtual desktop which provides fast and secure access to the most relevant information and controls through a single log-in to the graphical user interface. Before the software is installed the entire system undergoes intensive emulation to ensure flawless operation.

## MADE EASY

- › Intuitive graphical user interface with customisable user profiles
- › Seamless integration with WMS and peripheral systems
- › Remote web-based access from RF devices, tablets and smart phones
- › Integrates barcode scanners, RFID, Optical Character Recognition (OCR) or Video Coding Systems (VCS)
- › Personalised virtual desktops using widget-based data
- › Complete off-site system emulation prior to installation

# SIMPLY WORLD-CLASS CUSTOMER SUPPORT



## CUSTOMER CARE

Our customer care programme entitles you to multiple service options, such as maintenance and repair on site through our field service engineers or regular safety checks according to statutory rights. If hardware replacements are needed, our comprehensive warranty service ensures you are always covered.



## TRAINING AND QUALIFICATION

We offer standard and tailored customer training programmes to make sure your teams are fully qualified to operate your systems. With hands-on guidance, conducted either on-site or at BEUMER Group locations, your teams can maintain optimal operational performance.



## HOTLINE SUPPORT

Our hotline support is manned 24/7 by highly trained, multi-skilled engineers who all have at least four years of direct field experience. Most cases are solved remotely, however, should the problem require more specialised attention, a BEUMER Group engineer will be quickly sent out.



## MODERNISATION

We are constantly developing new ways to upgrade our software and hardware to extend a system's lifetime, lower energy costs and increase efficiency. We will keep you informed of all relevant upgrade opportunities, based on an understanding of your business and system needs.



## SPARE PARTS LOGISTICS

We guarantee spare part replacements around the world through our local companies. As a BEUMER Group customer, you will have your own individual contact to assist you with technical inquiries, warranty issues or repair orders and to secure that your order is delivered on time.



## RESIDENTIAL SERVICE

With our residential service, we are on-site every day to take complete responsibility for your system uptime, performance and operational efficiency. We can take care of all maintenance and management, including system improvements, contingency plans, specialist advice and repairs.

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