



BEUMER SOLUTIONS FOR THE BUILDING MATERIALS INDUSTRY EFFICIENT. SAFE.



BEUMER SOLUTIONS FOR THE BUILDING MATERIALS INDUSTRY



WE KNOW THE WAY - WORLDWIDE

As one of the international leaders in the manufacture of intralogistics solutions for conveying, loading, palletising and packaging technologies, we know the routes your products take and their unique handling characteristics. This knowledge is integrated into the development and manufacturing processes for all our equipment and systems for the building materials industry.

Family values, sustainable products, true pioneering spirit - that's what matters to us at BEUMER.

We maintain and ensure proximity to our customers in every part of the world through a highly professional, global sales and service network. International manufacturing facilities and representatives across the globe ensure the success of export-oriented business and optimum delivery times.

And our presence on the ground ensures individual adaptation to regionally varying requirements. Location-relevant solutions are the result of our constant close cooperation with our customers in the building materials industry.

OUR CORPORATE PHILOSOPHY

Family spirit is a fundamental factor in the success of BEUMER as a globally operating concern. Shareholders, executive management and staff are essential members of a community in which constructive cooperation is the hallmark of our corporate philosophy. The owners' commitment to considerable reinvestment in the company is a prerequisite for securing the future, and is the basis for the success-oriented partnerships between our company and our customers.

BEUMER CONVEYING TECHNOLOGY

A GRIP ON EVERY PART OF THE PROCESS



BEUMER belt conveyors also handle rough terrain with steep inclinations and tight curve radii.



BEUMER troughed belt conveyor



BEUMER belt apron conveyor

For many years BEUMER has been successfully supplying systems and plants for bulk materials and piece good transport worldwide. Whether for the cement, lime or gypsum industry, we always have the right solution for your conveying needs.

BELT CONVEYORS – THE EFFICIENT SOLUTION FOR LONG DISTANCES

Belt conveyors, either as pipe conveyors or as troughed belt conveyors, are installed for the continuous conveying of a wide range of different bulk materials. Particularly in situations where difficult terrain and long distances are involved, these offer considerable cost and technological advantages when compared with the deployment of wheeled vehicles. With the realisation of horizontal curved configurations, for example, for moving limestone from quarry to cement works, BEUMER has set new standards in the conveying equipment sector.

HOT MATERIALS CONVEYING – WHERE THE HEAT IS ON IN CONVEYING TECHNOLOGY

BEUMER apron conveyors are the ideal solution for the diverse and demanding requirements in this specific field, for example, for moving hot clinker: high conveying capacities, high temperatures, extreme centre distances, complex routing, overcoming of extreme conveying heights and intermediate discharge options. The BEUMER product line offers a comprehensive range with precisely tailored solutions for any topographical challenge.



BEUMER bucket elevators are suitable for the vertical mechanical transportation of bulk materials, for example, in a cement works.



BEUMER BUCKET ELEVATORS FOR OUTSTANDING PERFORMANCE

As the market leader in the field of bucket elevators, BEUMER broke new ground in the high-performance bucket elevator sector. With BEUMER's development of endless high-grade steel cables and corresponding bucket mountings, it became possible to construct high-performance belt bucket elevators for elevations of up to 200 m – for instance, for charging heat exchangers in the cement industry – and conveying capacities of 2,000 m³/h and more.

Both chain bucket elevators and belt bucket elevators have long since proved their qualities in thousands of hours of continuous operation, under the hardest and sometimes extreme conditions. Special bucket elevators are also available for specific operating requirements.

AT A GLANCE – BEUMER CONVEYING TECHNOLOGY

- › Belt conveyors as closed or open conveyors and in curved configurations
- › High-capacity bucket elevators as belt and chain bucket elevators
- › Hot materials conveyors as steel cell apron conveyors with link plate chains or steel cable belts
- › Bag conveyors for packaging facilities
- › Screw conveyors in various forms
- › Charging, metering and screening equipment

FILLING AND LOADING TECHNOLOGY PRECISE, SAFE AND CLEAN



The powerful BEUMER fillpac R



Filling module



The efficient fullfix rotary filling machines

The BEUMER Group is more than a full-line supplier. We offer our customers our expertise from years of research and development in bag filling, palletising, packaging and loading. Processes that are precisely coordinated with each other ensure powerful performance. In addition, BEUMER offers solutions for the loading of any type of vehicle that are perfectly coordinated with the requirements of the building materials industry. For us, the loading of bulk materials means efficiency, performance and ease of operation. During planning, production and assembly, BEUMER engineers always focus on the specific customer requirements. The BEUMER Group: extremely accurate engineering – driven by visions, implemented with precision.

UNRIVALLED FLEXIBILITY: BEUMER FILLING SYSTEMS

BEUMER offers filling systems for a wide range of requirements. Whether rotary or in-line filling machines, whether turbine or ventilation technology – we offer you a filling system matched to your individual requirements for maximum throughput. These systems are highly efficient thanks to low acquisition costs, high spare parts availability and ease of maintenance.

AT A GLANCE – BEUMER FILLING SYSTEMS

Powerful in the building materials, cement, minerals, chemical and food industries

Mineral materials

- › Assorted mortars and special mortars
- › Cement
- › Calcium hydroxide
- › Sodium carbonate
- › Lime
- › Quicklime
- › Gypsum
- › Anhydrite

Feeding stuff

- › Fish meal
- › Shell limestone

Food industry

- › Sodium carbonate
- › S-PVC



Bulk loading systems



The BEUMER autopac® is a fully automated loading and palletising system for bagged materials.

LOADING EQUIPMENT FOR BULK MATERIALS: CUSTOM CONCEPTS FOR ALL PRODUCTS

BEUMER is one of the leading providers of loading equipment for bulk materials. The know-how and expertise gathered through decades of experience, first-class quality and continuous, innovative development and upgrading of this product line provide users with a guaranteed high level of operational availability and cost-effective operations.

The particular challenge here is to provide loading and handling technologies that are based on concepts designed and developed specifically for the products to be handled and the environments in which the equipment is to be installed. Customised solutions with the most suitable stationary or mobile loading systems are used in each case, depending on the material to be loaded and the loading capacity.

TWO IN ONE – THE AUTOMATIC LOADING AND PALLETISING UNIT

The BEUMER autopac® is an efficient and cost-effective system for simultaneous loading and palletising of bagged materials such as cement, lime or gypsum. In either a mobile or static configuration, it offers a wide range of applications guaranteeing optimum utilisation of dispatch capacities.

AT A GLANCE – BEUMER LOADING TECHNOLOGY

- › Equipment for the loading of loose and bagged bulk materials in heavy goods vehicles, railway trucks and vessels
- › Truck unloading equipment
- › Automatic bag loading equipment for heavy goods vehicles and containers

BEUMER PALLETISING TECHNOLOGY

FAST, CAREFUL AND SECURE PACKING



The BEUMER robotpac® enables reliable, secure and automatic palletising of a wide variety of materials.

Requirements in the building materials industry are very diverse. So when it comes to the palletising of various load units, a versatile, comprehensive product range is needed. The unique system expertise of the BEUMER Group always ensures optimum machine design with the right options to meet all technical and functional requirements, including for peripherals.

STACKED IN YOUR FAVOUR

BEUMER provides the right solutions for safe and secure transportation of packages on a pallet with their BEUMER robotpac® and BEUMER paletpac® product lines. The range is complemented by a multitude of additional components, for example, for the transportation of packages, full and empty pallets, for labelling and special functions. We even have the right answer for resource-conserving packaging without pallets: the BEUMER paketpac®.

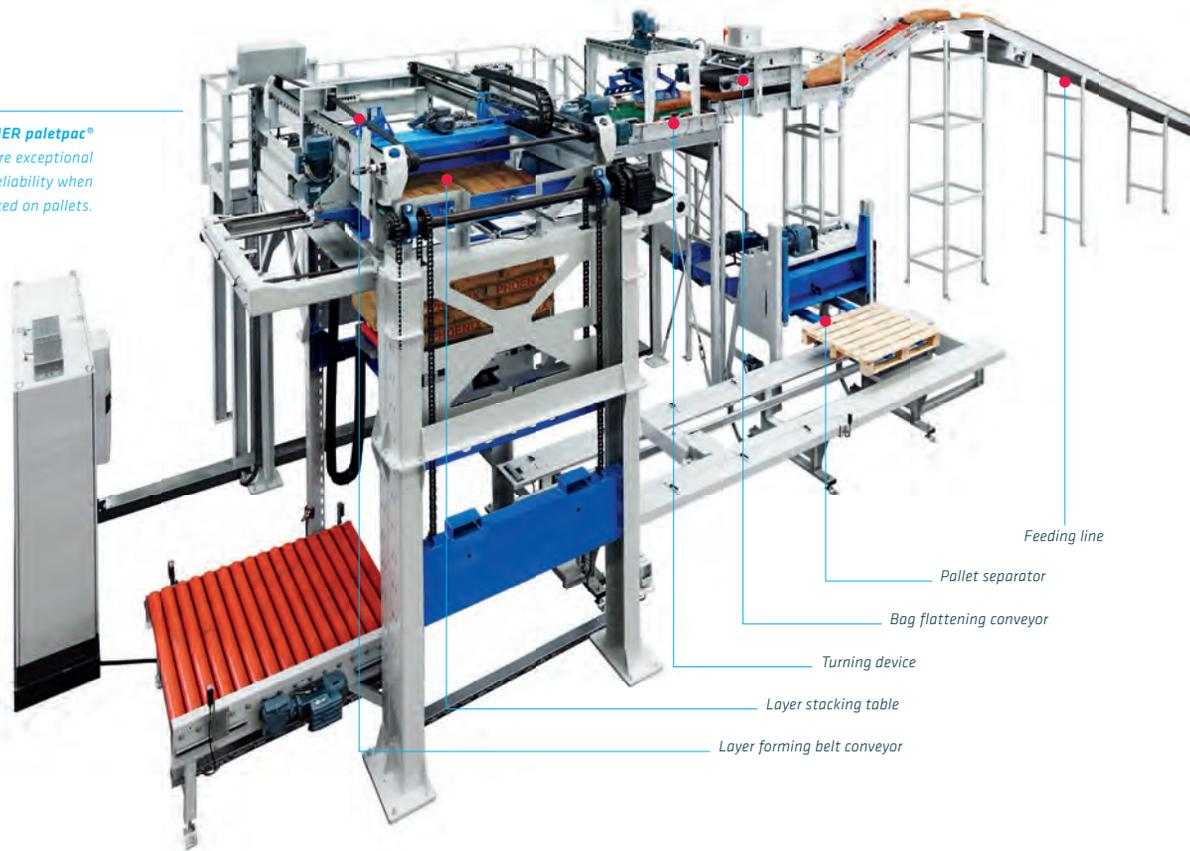
In each case, our specialists program machine and system software according to your needs. Because our staff are thoroughly familiar with all kinds of materials, the made-to-measure software facilitates especially gentle handling of the packaging units and perfect stacking. This ensures reliable transport and makes a positive impression on the recipient.

FLEXIBLE PALLETISING USING ROBOTS

The BEUMER robotpac® product line palletises and depalletises widely differing packaging units with the aid of specially conceived handling arms. BEUMER's adaptation control ensures user-friendly operation and flexible adaptation to changing application demands. Even complex processes with varying basic parameters are handled reliably and economically.

BEUMER paletpac®

The BEUMER paletpac® systems feature exceptional stacking quality and a high level of reliability when products are stacked on pallets.



Feeding line

Pallet separator

Bag flattening conveyor

Turning device

Layer stacking table

Layer forming belt conveyor

HIGH-CAPACITY PALLETISING AS ON AN ASSEMBLY LINE

The fully automated palletisers of the BEUMER paletpac® product line provide convincing solutions for every situation. They are characterised by gentle bag handling, a high level of reliability and outstanding stacking quality. The systems of the performance classes of up to 2,500 bags per hour can be optionally equipped with a ventilated layer stacking table and a twin-belt or clamp-type turning device, and are especially suited for sensitive bagged goods such as plasters and screeds. In the high-capacity range, in which up to 5,500 bags per hour are palletised in predefined bag patterns, a bar-type turning device is used. This has been designed primarily for robust bagged materials, such as cement. State-of-the-art drive technology, variable parameters, and a high level of user friendliness in all models go without saying.

BEUMER PALETPAC® PRODUCT OVERVIEW

With twin-belt, clamp-type or bar-type turning device:

- BEUMER paletpac® 600
- BEUMER paletpac® 1250
- BEUMER paletpac® 1800
- BEUMER paletpac® 2500 with additional timing conveyor and second pusher

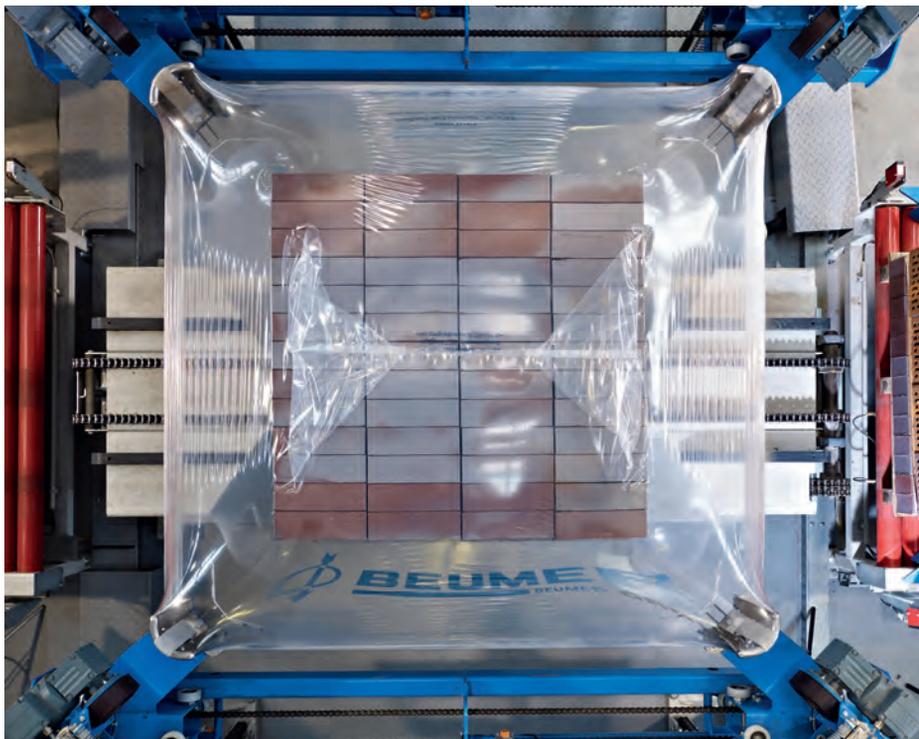
High-performance line with bar-type turning device:

- BEUMER paletpac® 3000 with double bar turning device
- BEUMER paletpac® 4000 with bag stream splitting and mobile bar turning device
- BEUMER paletpac® 5000 with bag stream splitting and double pusher

AT A GLANCE - BEUMER PALLETISING TECHNOLOGY

- Extensive portfolio with high-capacity palletisers, depalletisers, pallet transport systems and palletising robots – for the right solution for nearly every scenario
- High level of user friendliness at extreme efficiency
- Individually tailored control software
- Especially gentle bag handling with excellent stacking quality
- Continuous development and updates to meet rapidly changing market requirements

BEUMER PACKAGING TECHNOLOGY SUPERB CUSTOMER SOLUTIONS



The systems of the BEUMER stretch hood® line package your stacked packages securely in film hoods.



BEUMER paketpac® machines package bagged materials using various film methods so that the products can be stored and transported securely, even without pallets.

BEUMER packaging technology provides the building materials industry with a wide range of different systems for the protection of palletised load units. Whether loads require securing or protection against the elements, the ideal load securing method is specifically developed in close collaboration with customers to meet the demands of each overall logistics concept.

IT'S YOUR CHOICE: STRETCH, SHRINK OR WRAP

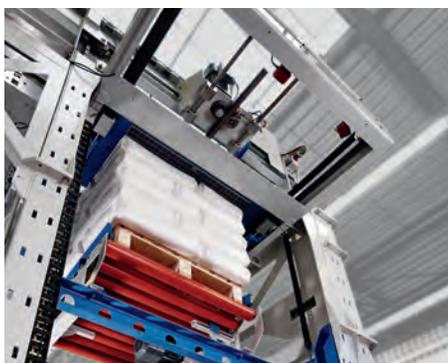
We meet the building materials industry's various demands on packaging machines with an extremely broad product portfolio:

Our BEUMER stretch hood®, BEUMER paketpac®, BEUMER combipac® and BEUMER stretchpac® systems cover the entire spectrum of film packing methods – from stretch wrapping to packaging with counter hoods and also as a resource-conserving palletless solution. And because performance and size also matter during packaging, we offer all of our machines in different versions. This provides you with a system that is always perfectly matched to your packaging needs.

AT A GLANCE – BEUMER PACKAGING TECHNOLOGY

- › BEUMER stretch hood® – packs load units with stretch hoods
- › BEUMER combipac® – secures palletised loads with shrink films
- › BEUMER paketpac® – eliminates pallets thanks to flat film and counter hood methods
- › BEUMER stretchpac® – protects packaged goods in the fully automatic stretch wrapping method

WORLD-CLASS CUSTOMER SUPPORT



At the BEUMER Group, we always focus on people. We form strong partnerships through personal relationships and individual attention.

The BEUMER Group is known worldwide for its individualised customer support, which is based on a global network of regional service centres. Our support solutions keep your systems operating 24/7/365.

BEST CUSTOMER SUPPORT

Our global network of service centres offers comprehensive support packages, including lifecycle management programs that ensure maximum efficiency throughout a system's entire service life.

Our long-term partnerships are based on a combination of specialised knowledge, technology and personal dedication.

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Beumer reserves the right to make
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"made different" seal are characterised by their
sustainability, based on their economic, environ-
mental, and social performance as measured by
the BEUMER Sustainability Index (BSI).*