



EFFICIENT BULK HANDLING SOLUTIONS FOR THE MINING INDUSTRY



YOUR EXPERT FOR BULK MATERIALS – SINCE 1935

BEUMER was founded in Beckum, Germany in 1935 as a machine shop for the manufacturing of conveying systems. It was awarded its first order from the local Westphalian cement and lime industry. Since its inception, the company has become an expert product and solution provider for the cement industry and the mining sector.

SYSTEMS YOU CAN BUILD ON

Mined raw materials travel along extensive transport routes. Ores, raw salt feeds, waste rock and overburden pass through various steps from mine to mill (mining, material transfers, comminution, mineral processing, hydrometallurgy, filtration and tailings disposal). Our systems ensure smooth, economical and environmentally friendly processing at each stage of materials handling.

BEUMER GROUP – MADE DIFFERENT

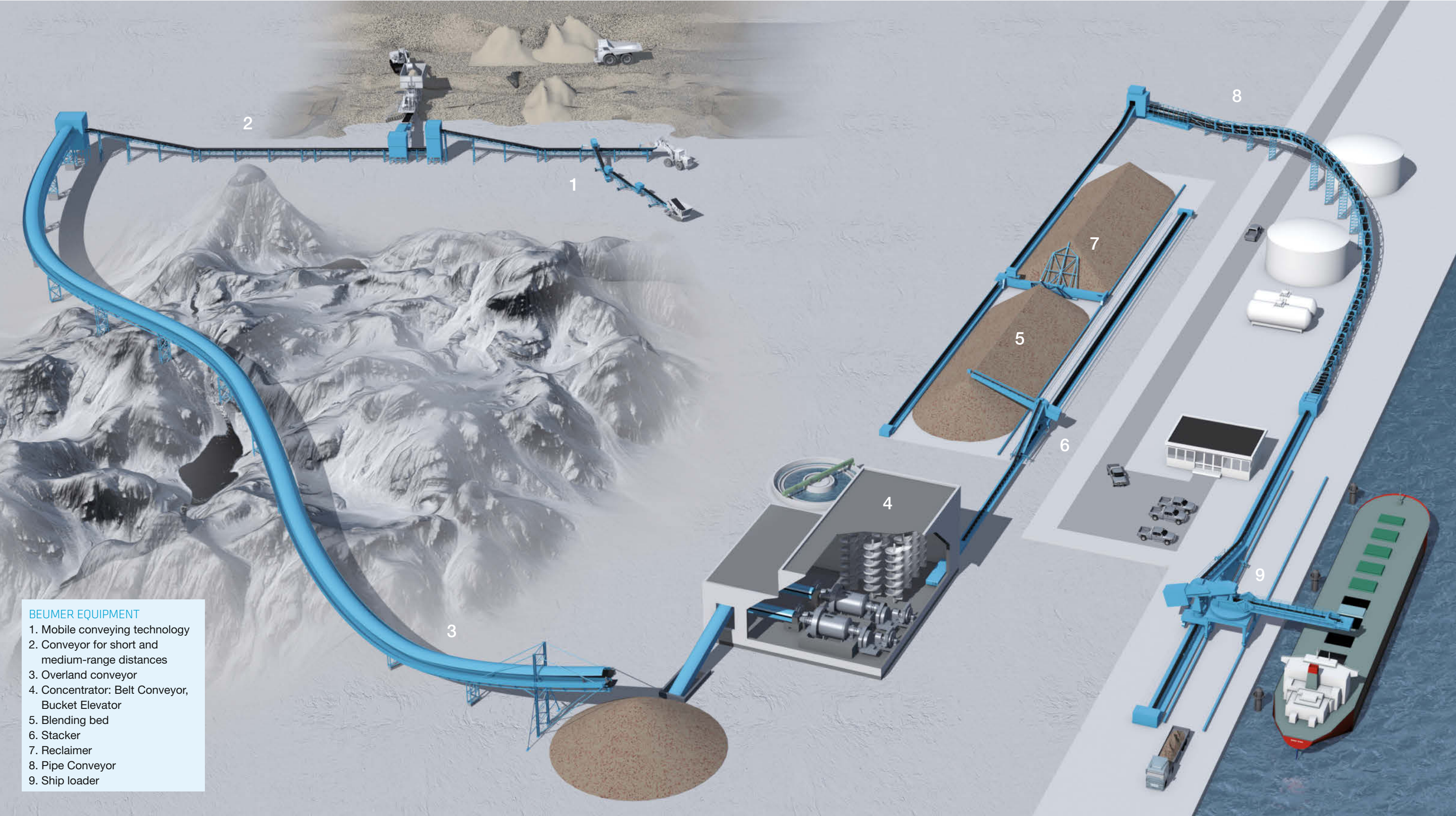
A long-term perspective based on quality, sustainability and innovation: for over 80 years our privately-owned, family-run business has developed tailor-made system solutions for conveying, loading, palletizing and packaging technologies as well as sortation and distribution systems.

All systems fulfill the most demanding specifications, by using the best material and latest technology. With our research and development efforts we can guarantee that our solutions will fit your requirements now and in the future.

BEUMER GROUP

- › More than 80 years of experience in developing, manufacturing, installing and maintaining conveying systems
- › 100 % privately-owned, family-run business without any corporate affiliations
- › Branches in 35 countries with 4,200 employees world-wide
- › Well established service network with more than 1,000 customer service employees

FROM MINING TO PRODUCT SHIPPING - BEUMER IS YOUR PARTNER



- BEUMER EQUIPMENT**
- 1. Mobile conveying technology
 - 2. Conveyor for short and medium-range distances
 - 3. Overland conveyor
 - 4. Concentrator: Belt Conveyor, Bucket Elevator
 - 5. Blending bed
 - 6. Stacker
 - 7. Reclaimer
 - 8. Pipe Conveyor
 - 9. Ship loader



Overland conveyor for iron ore in permafrost, Canada

- OVERLAND CONVEYOR**
- › Curved single-flight conveying systems up to 25 km
 - › Conveying capacity up to 15,000 t/h
 - › Conveying speeds up to 7 m/s
 - › Small horizontal radii up to 300 m
 - › Continuously pushing the limits through internal research and development, and data feedback from different applications



Pipe conveyor for copper concentrate in Collao, Peru

- PIPE CONVEYOR**
- › Center distances up to 10 km and conveying capacities from 10 to 6,000 t/h
 - › Curve angles over 100°, small curves depending on project requirements
 - › Angles of inclination up to 30°
 - › Conveyor applications ranging from process technology to bulk terminals



Radial stacker for gypsum, US

- CONVEYING TECHNOLOGY SOLUTIONS**
- › Belt conveyors for short and medium-range distances
 - › Mobile and shiftable belt conveyors
 - › Hoppers and discharge conveyors
 - › Stockyard and stacker conveyors
 - › Customized comprehensive solutions for bulk material (material reception, transport, transfer and trans-shipment)



Circular Stockyard for coal in Slovakia (stacking/reclaiming)

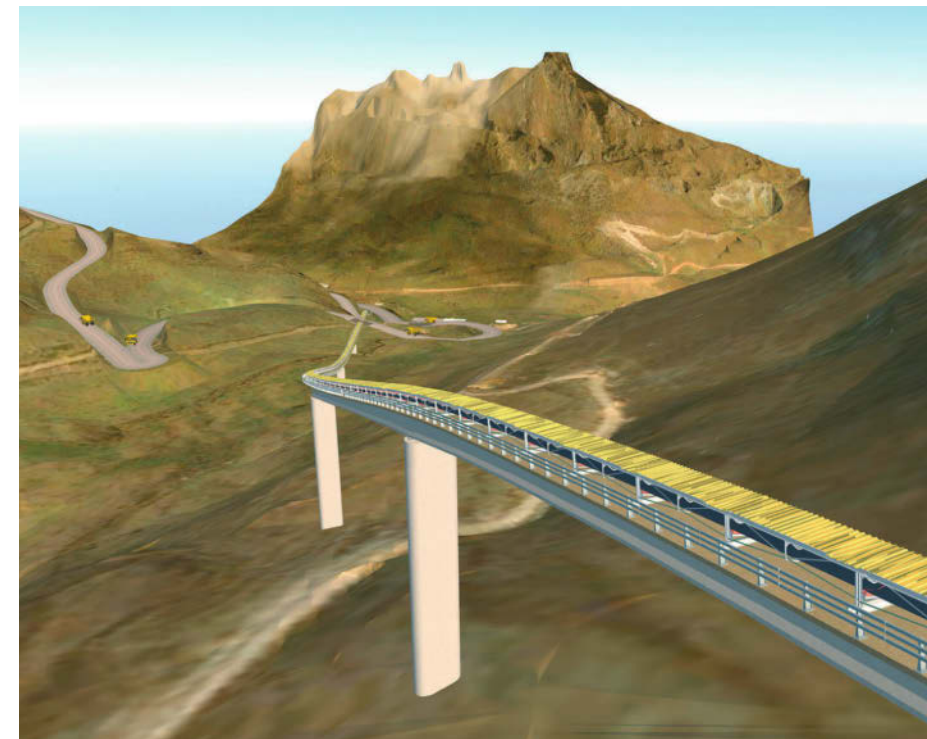
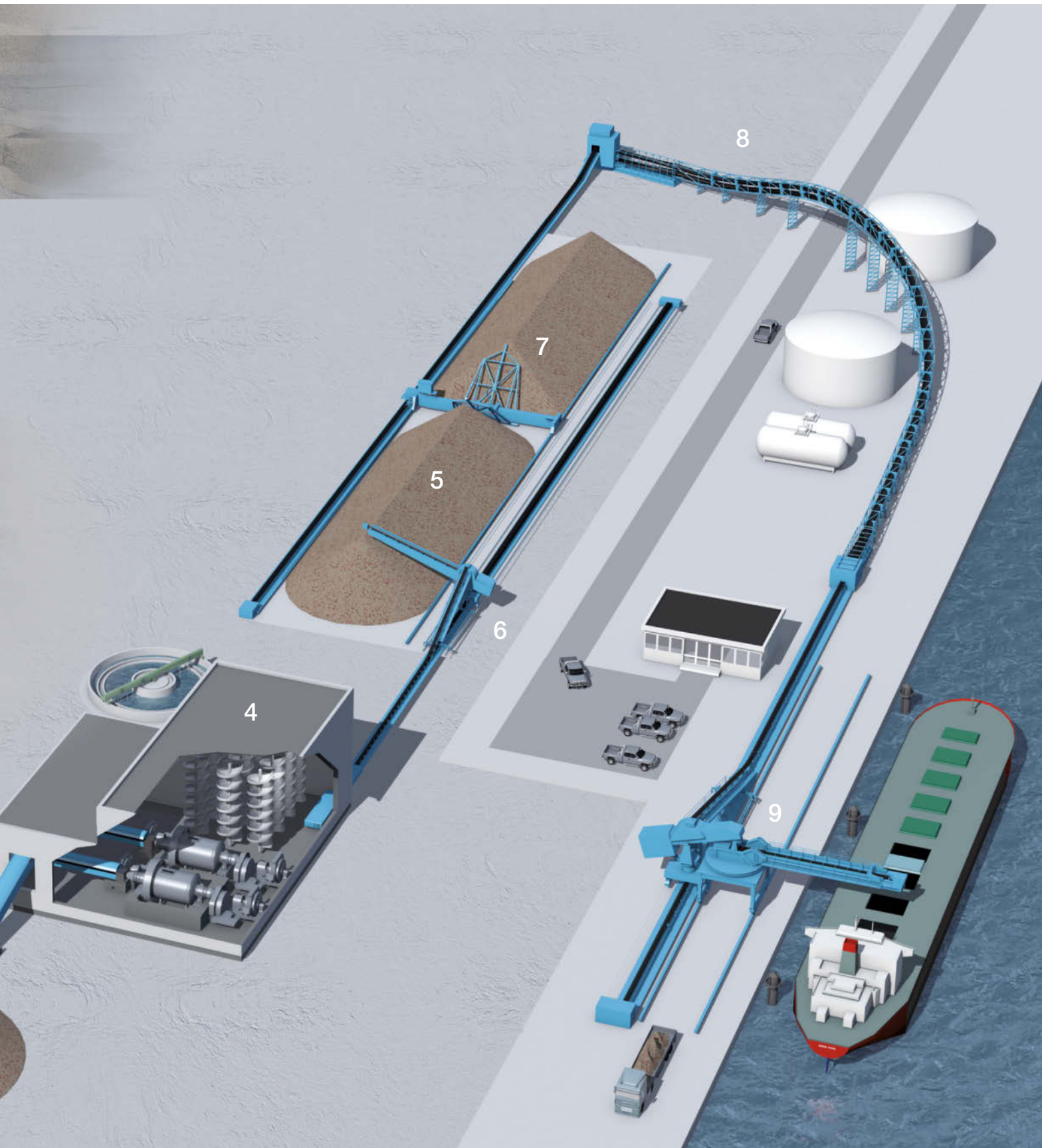
- STOCKYARD TECHNOLOGY FOR INDOOR AND OUTDOOR APPLICATIONS**
- › Circular, longitudinal and radial stockyards
 - › Rail-mounted stackers in different versions with adjustable or rotating boom or twin boom
 - › Reclaimers in all variations (bridge, portal, semi-portal or side reclaimer) and bucket wheel reclaimer
 - › Combined machines for stacking/reclaiming



Ship loader for urea on Borneo, Malaysia

- PORT HANDLING TECHNOLOGY FOR SHIP LOADING**
- › From barges to „Valemax“ vessels
 - › Ship loaders with luffing, slewing, telescopic boom and/or shuttle conveyor
 - › Suitable for open and closed quay galleries or with tripper cars only
 - › Fixed or rail-mounted
 - › Types and sizes for each customer-specific quay and loading situations

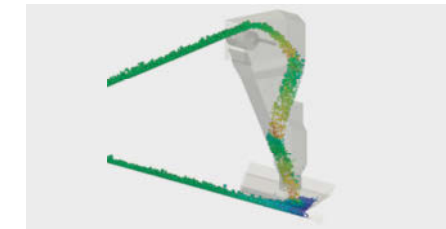
WE ARE YOUR PARTNER – FROM PLANNING TO OPERATION



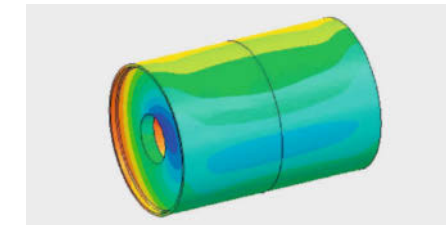
3D planning and animation



3D Drone Mapping



DEM



FEM

We will move mountains together. Depending on your requirements, we can partner with you during the entire life cycle of your systems, starting from day one of your project, with feasibility studies and 3D planning. Minimal data input is sufficient to achieve extensive 3D visualization during the early design phase. As soon as detailed results are required, we will consider the exact parameters for your project.

WE CREATE THE BIG PICTURE

- › 3D planning and animation using state-of-the-art software
- › Quick design changes
- › Support during approval processes
- › Quick determination of cut and fill volumes
- › Minimal data input necessary

ALWAYS UP TO DATA (3D DRONE MAPPING)

- › Topography & concept from one single source
- › Easy capturing of the actual environment and potential obstacles
- › Safe surveying method (no need to be physically present in the area)
- › Time-saving and precise planning based on up-to-date topography
- › Reduces project lead time

CONNECTED SYSTEMS (IOT/BIG DATA)

- › Interactive monthly reports to visualize the system performance, KPIs and scheduled service intervals
- › Notification features to receive failure messages, service intervals reminders and status updates
- › Continuous data analysis to optimize the entire system

DOWN TO THE LAST DETAIL:

We leave nothing to chance. We use proven methods like DEM and FEM in order to guarantee minimal failure rates and long durability of our machines, ensuring compliance with the highest quality standards.

SIMPLY WORLD-CLASS CUSTOMER SUPPORT



CUSTOMER CARE

Our customer care programme enables 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.



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.

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.



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.

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.



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.

BEUMER Group GmbH & Co. KG

P.O. Box 1254 · 59267 Beckum, Germany

Tel. +49 (0) 25 21 - 24 0

Fax +49 (0) 25 21 - 24 280

E-Mail info@beumer.com

www.beumer.com

BEUMER reserves the right to make modifications
that serve technical progress.



Products and technologies with the BEUMER label „made different“ are characterized by enhanced sustainability.

It is based on their economic, ecological and social performance evaluated by the BEUMER Sustainability Index (BSI).