



EFFICIENT BULK HANDLING SOLUTIONS FOR PORTS & TERMINALS



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 handling all kinds of bulk material – in ports and terminals as well as connecting mine, port and plant.

SYSTEMS YOU CAN BUILD ON

Ports and Terminals globally connect mines, plants and customers of dry bulk materials. Within these ports the safe, environmentally friendly and economic handling of bulk materials as iron or copper ore, clinker and cement or different grains or fertilizer is of utmost importance. Our Bulk Material Handling Systems ensure a reduced carbon foot print as well as minimal dust emission, while maximizing operational availability and staff safety.

BEUMER GROUP – MADE DIFFERENT

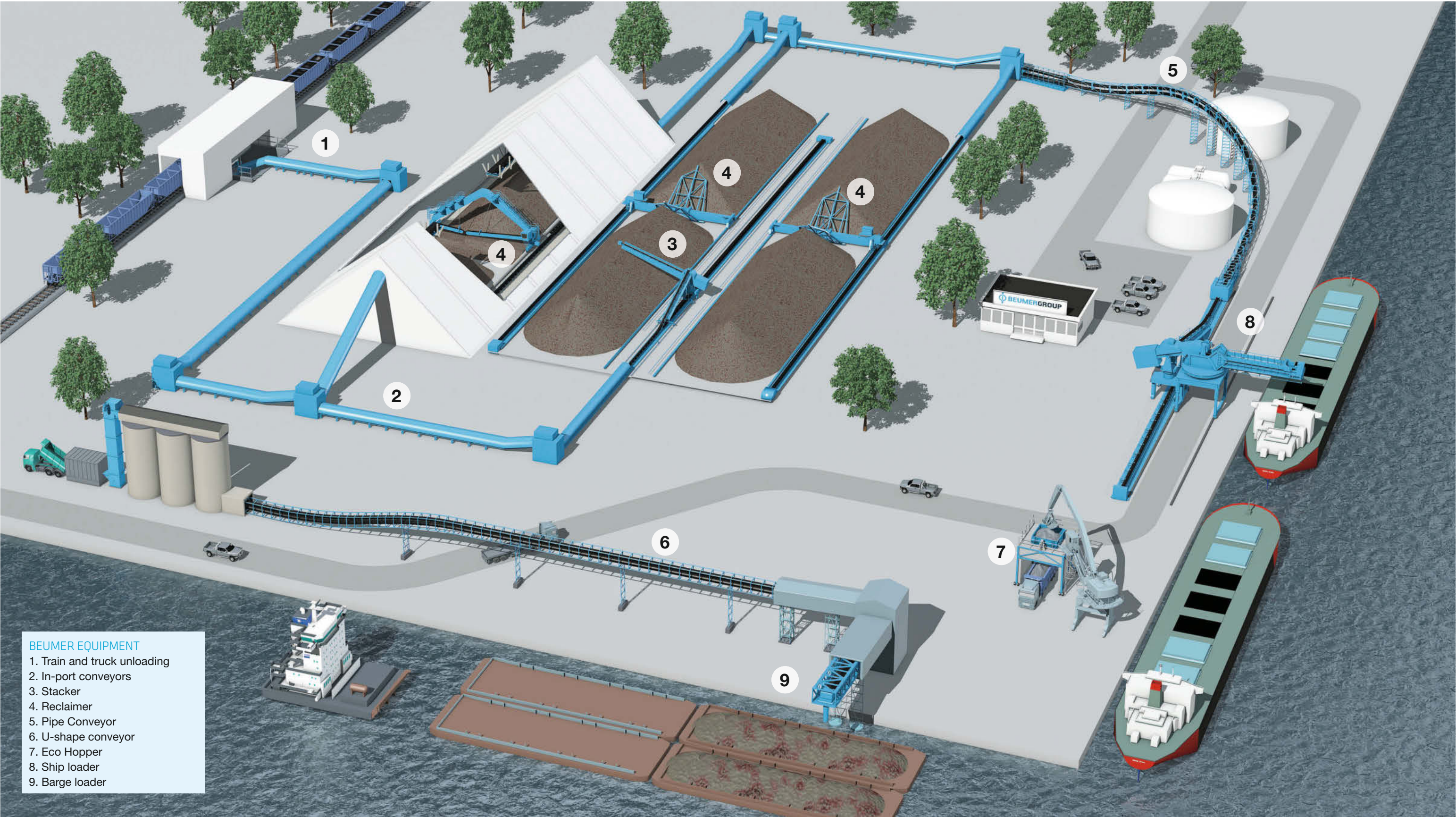
A long-term perspective based on quality, sustainability and innovation: for over 80 years our privately-owned, family-run business has developed tailor-made system solutions for conveying, loading, palletizing and packaging technologies as well as sortation and distribution systems.

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

SYSTEM SOLUTIONS FOR ALL BULK MATERIAL HANDLING REQUIREMENTS



- BEUMER EQUIPMENT
- 1. Train and truck unloading
 - 2. In-port conveyors
 - 3. Stacker
 - 4. Reclaimer
 - 5. Pipe Conveyor
 - 6. U-shape conveyor
 - 7. Eco Hopper
 - 8. Ship loader
 - 9. Barge loader



Pipe Conveyor for iron ore, China

- LONG DISTANCE CONVEYING
- › Overland conveyor
 - › U-shape conveyor
 - › Pipe conveyor
 - › Depending on conveyor and belt type, single flight length up to 25 km, capacity up to 15,000 t/h, curve radii <100 m, inclination up to 30°



Urea plant and export facilities, Malaysia

- IN-PORT CONVEYING SOLUTION
- › Belt conveyors for short and medium range distances
 - › Mobile and shiftable belt conveyors
 - › Feeding and discharging conveyors
 - › Stockyard and stacker conveyors



Eco Hopper (125 m³) for clinker, limestone and coal

- LOADING & UNLOADING
- › Bulk unloading hopper
 - › Train- and truck unloading
 - › Train- and truck loading
 - › Customized comprehensive solutions for bulk material handling (from material reception from different sources to storing and loading)



Double boom portal reclaimer for urea, Malaysia

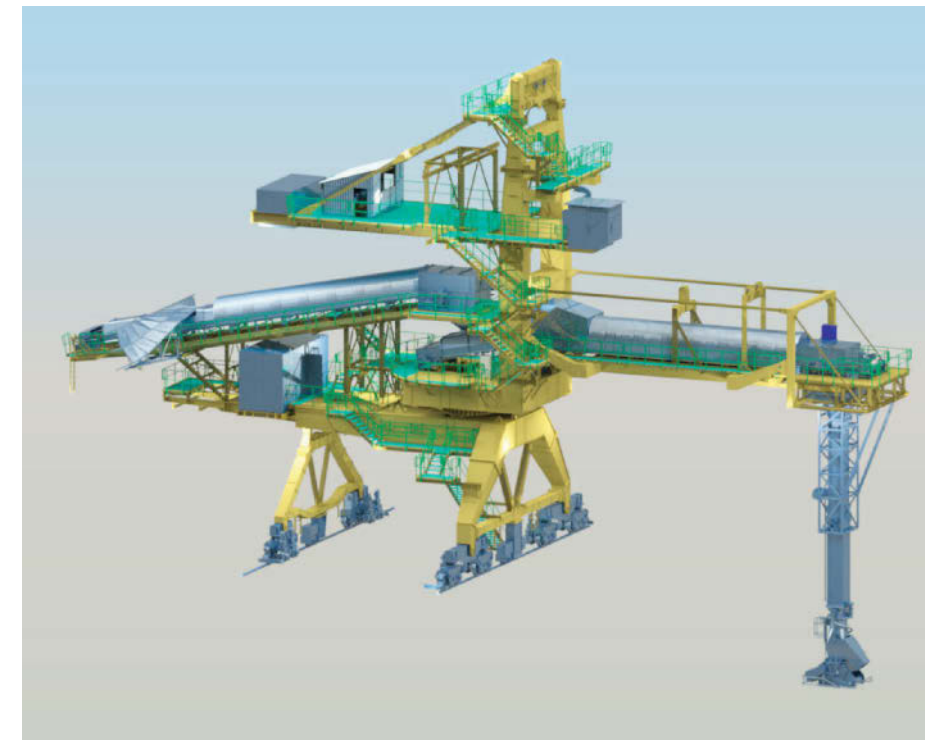
- STOCKYARD TECHNOLOGY
- › Material storage
 - › Blending bed
 - › Circular, longitudinal and radial stockyards
 - › Stackers and reclaimers in all variations
 - › Combined machines for stacking/reclaiming



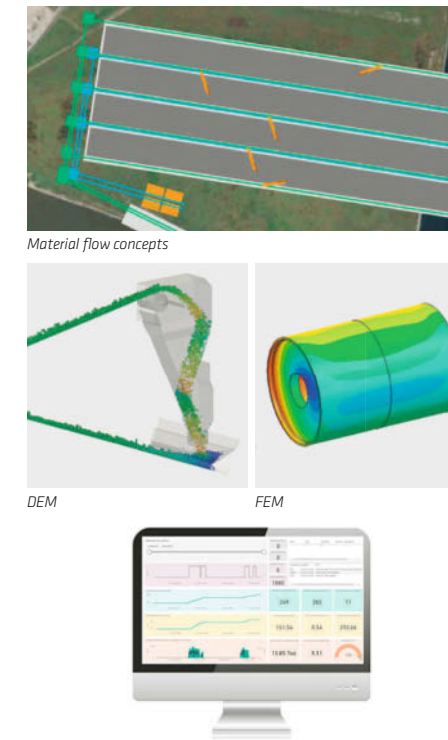
Ship loader for urea on Borneo, Malaysia

- SHIP LOADING TECHNOLOGY
- › Ship loader
 - › Barge loader
 - › With luffing, slewing, telescopic boom
 - › Fixed or rail-mounted

WE ARE YOUR PARTNER – FROM PLANNING TO OPERATION



3D planning and animation



Digital Solutions

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

- › Feasibility studies and plant planning
- › Material flow concepts
- › Equipment list and basic data
- › Brownfield Assessment, De-Bottlenecking
- › 3D-Scanning & drone flights for topographical data, 3D-Visualization

WE KNOW ENGINEERING

- › Load calculation, structural analysis
- › 3D Planning
- › Material transfer optimization
- › Detailed component analysis (e.g. pulleys, idler stands)
- › Electrical & Automation

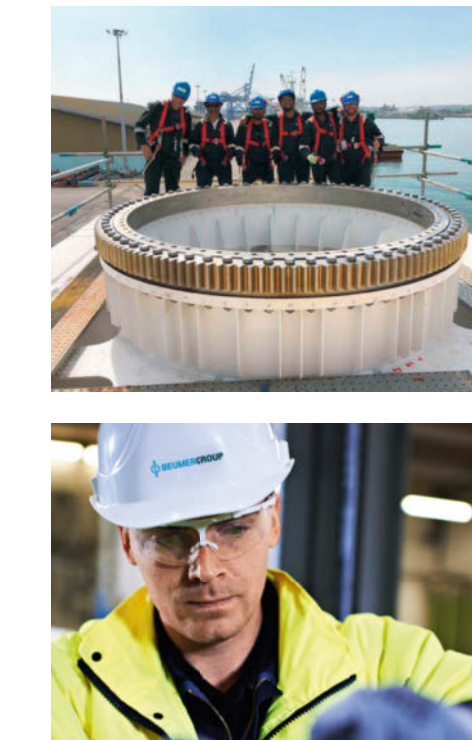
CONNECTED SYSTEMS (IOT/BIG DATA)

- › Interactive monthly reports to visualize the system performance, KPIs and scheduled service intervals
- › Notification features to receive failure messages, service interval 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.

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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).