



BEUMER
technology in motion



Conveying technology Loading technology Palletising technology Packaging technology Sortation and distribution technology

BEUMER conveying technology A sure grip on all processes.





BEUMER conveying technology
Always in motion, everywhere.





Custom solutions for individual products.

BEUMER has been a supplier of systems and equipment for the transportation of bulk and piece goods around the world for many years. With success. Whether for the cement, lime or gypsum industries, for the chemical industry or for new markets such as the energy sector, BEUMER belt conveyors, conveyors for hot materials and high-capacity bucket elevators always offer the ideal solution for your specific transportation requirements.



Impressive conveying technology. Efficient and safe.

Long distances, extreme heights, high temperatures – the range of custom system solutions from BEUMER is as broad as the range of requirements in the conveying technology sector. Thanks to our vast technical expertise, we always find the right way to transport your products quickly, safely and efficiently from A to B.

BEUMER service: Here's to a successful partnership.

To make sure that we are always there when our customers need us, we have developed and implemented a comprehensive, practice-oriented service concept that adjusts smoothly and flexibly to our customers' individual requirements.

Our worldwide service network ensures fast and reliable assistance on the spot, maximises operational security and reduces downtime to a minimum.

Individual advisory services thanks to our technological specialists, optimised operation of plants and systems, tailored service contracts, long-term optimisation



strategies or spares logistics complete the picture and make BEUMER a strong and reliable partner. Dedicated to your success.



At a glance – BEUMER conveying technology.

- Belt conveyors as closed (tube belt conveyors) or open conveyors and in curved configurations
- High-capacity bucket elevators as belt and chain bucket elevators
- Hot material conveyors as apron conveyors with link plate chains or steel cable belts
- Charging, metering and shut-off equipment



BEUMER belt conveyors

The efficient solution for long distances.





Tight curves are no problem for us.

BEUMER belt conveyors can be provided as tube belt or troughed belt conveyors for the continuous transportation of all kinds of bulk materials. Particularly in situations where difficult terrain and long distances are involved, they offer considerable economical, environmental and technical advantages when compared with wheeled vehicles. Fuel savings and energy recovery by means of regenerative feedback are extremely persuasive additional customer benefits.

With the realisation of horizontally curved configurations, e.g. for the transportation of broken limestone from quarries to cement works, BEUMER has set new standards in the conveying equipment sector.

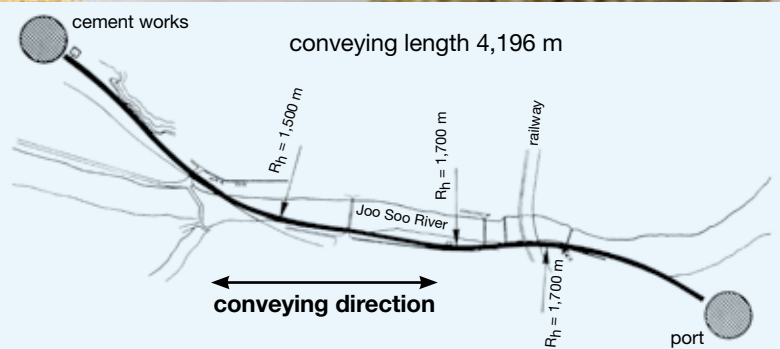
**Open or closed –
BEUMER belt conveyors are ideal for
every task.**

The efficient transportation of materials means individual adaptation to the conveyed products, the geographical situation and existing equipment. BEUMER integrated concepts provide the ideal solutions for your transportation needs: BEUMER tube belt conveyors (closed conveyors) for powdery products requiring protection against wind and weather and BEUMER troughed belt conveyors (open conveyors) for more robust products.



Impressive reference plants.

The BEUMER belt conveyor provides the connection between the extraction and processing of raw materials at the quarry and further processing in the cement works. Here, the conveyor traverses rough terrain with obstacles resulting from the topography of the respective sites, whereby horizontal and vertical curves are superimposed.



Bidirectional transportation on a curved configuration belt conveyor as a connecting link for the flow of materials between the cement works and the port.





BEUMER bucket elevators
The sky's the limit.





High transportation capacities. Long service life. Maximum operational security.

As the leading provider of bucket elevators, BEUMER is a pioneer in the field of high-capacity bucket elevators. In thousands of cases, both chain and belt bucket elevators have proved their efficiency and performance in continuous operation under the most difficult and sometimes extreme working conditions.

In many industrial sectors, the use of bucket elevators for the vertical mechanical transportation of materials has become an indispensable link in the production chain. Thanks to the practice-oriented development of high-capacity bucket elevators with belts or chains,

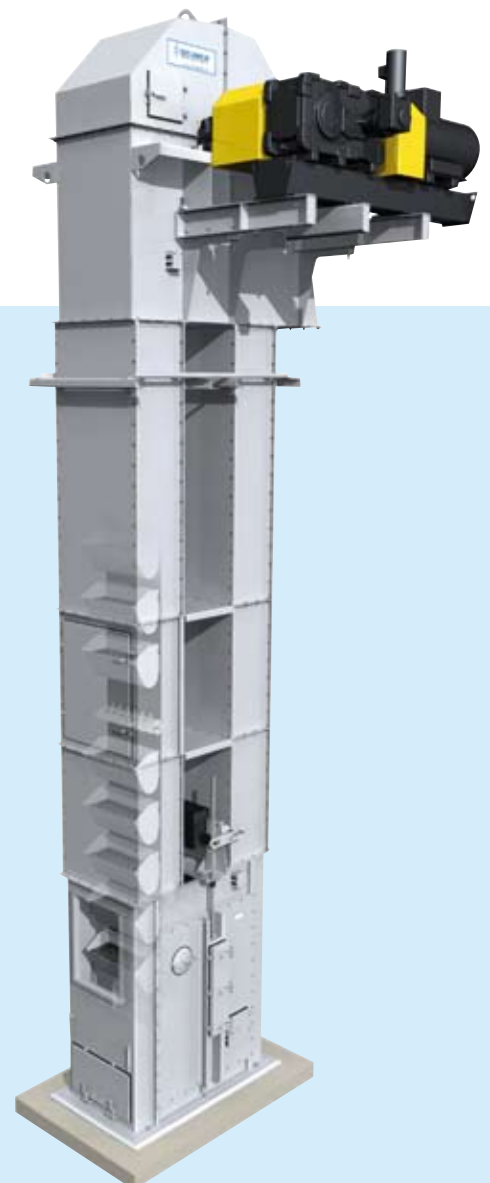
BEUMER belt bucket elevators. Reliable transportation at its finest.

BEUMER high-capacity belt bucket elevators are particularly suitable for the transportation of fine, granulated materials. The energy requirements for mechanical conveyors are significantly lower than for pneumatic conveying systems. A distinct advantage that explains, for example, the worldwide use of high-capacity belt bucket elevators for filling silos or for charging heat exchanger ovens in cement works.



ensured by a range of bucket widths between 400 and 2,000 mm in single or double bucket elevator configurations.

The use of the heavy-duty version of the BEUMER central chain is the basis for safe and secure transportation when materials are to be conveyed to heights of up to 80 m.



Low operating costs, reliability and long service life, as well as transportation capacities of over 1,700 m³/h and conveyor heights of over 150 m, are persuasive factors that will strengthen your competitive advantage as a user of BEUMER technologies.

BEUMER central chain bucket elevators. The safe way for rough stuff.

BEUMER high-capacity central chain bucket elevators are suitable for the transportation of coarse, hot, granulated and abrasive bulk materials and are characterised by their extreme reliability and long service life.

Small bucket separation and the resulting small intervals between buckets make it possible to transport material volumes of over 1,110 m³/h. Ideal compliance with required transportation volumes is

BEUMER has essentially set the standards for the elevator technologies in use today. By the way: the construction of the world's highest bucket elevators (175 m, in India) was only possible thanks to BEUMER technology.





BEUMER apron conveyer

The 'hot stuff' of conveying technology.





**BEUMER apron conveyors.
An impressive range.**

High temperatures, complex configurations, overcoming extreme heights – thanks to a comprehensive product range, BEUMER apron conveyors are ideally matched to the special demands involved in the transportation of hot materials.

The tried-and-tested mechanical components of apron conveyor technology are the basis for extreme reliability and problem-free operation. The use of high-quality construction materials in combination with technologies developed down to the last detail and manufacturing precision ensure a long service life and guarantee significant economic benefits.

High temperatures, extreme conveyor heights.

Hot materials discharged from the oven cooler at temperatures of up to 600 °C place particularly high demands on conveying equipment. BEUMER apron conveyors offer a choice of cell widths ranging from 500 to 2,000 mm, axis intervals of up to 250 m and transportation volumes of up to 1,255 m³/h to provide optimum system solutions.

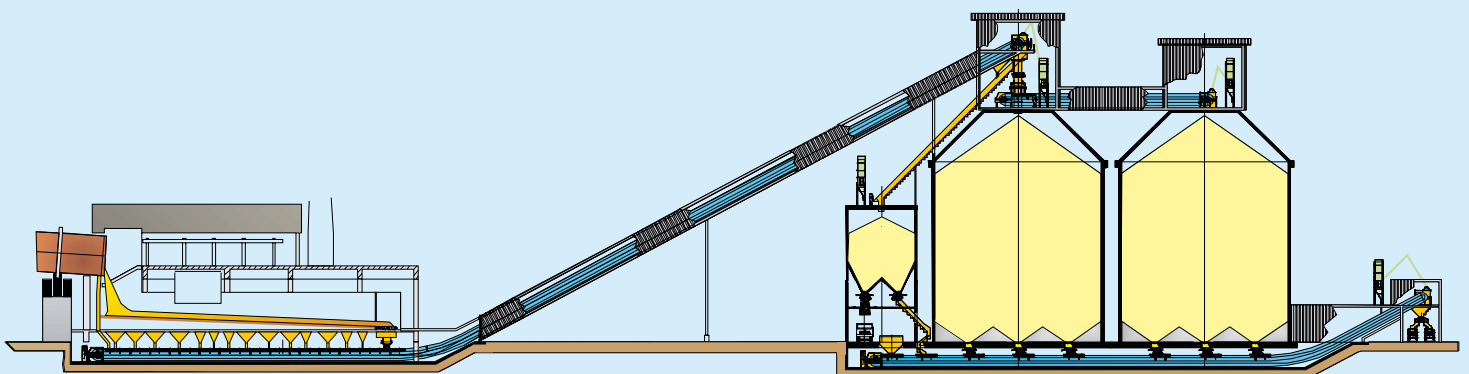


The technical details of the steel cells.

The steel cell is characterised by its special construction.

- The extreme lateral stability of the cell is a result of the raised portion press formed into its base plate
- This raised element provides adequate, contact-free overlapping of adjacent cells and thus creates an effective seal for the bottom of the cell

- A safe carrying of the material to be conveyed is ensured by the design of the cell
- Overlapping of the generously formed side walls prevents lateral spillage even when passing the sprockets





Intelligent solutions from the intralogistics experts. BEUMER worldwide.

We are always there when you need us!

Worldwide service.

Our service managers' regular inspections ensure:

- Sustained operational capability of your equipment
- Reduction of downtimes
- Exchange of experience
- Qualification of the maintenance team
- Continuous product optimisation
- Optimum spares stocking

Fault correction / BEUMER Hotline.

- Qualified worldwide support at short notice
- Online fault correction
- Worldwide availability of service engineers
- Short-notice deployment option
- Rapid action on the ground service

Technical consulting.

We can advise and train your staff, either in our own training centre or in your company. This ensures:

- Optimum equipment and system operation
- Qualified evaluation of equipment condition
- Long-term optimisation strategies

Maintenance and repairs.

- Personnel specifically qualified for your equipment
- Basis for extreme operational reliability
- Qualification of your personnel in the context of maintenance





We know the way. Worldwide.

As one of the international leaders in the manufacture of intralogistics for conveying, loading, palletising, packaging, sortation and distribution technologies, we know the routes your products take and their respective specific properties. This knowledge is integrated into the development and construction processes of all our equipment and systems.

The proximity to our customers in every part of the world is maintained and ensured by a global sales and service network. Our workforce of around 2,000 people, an annual turnover of EUR 350 million, our own subsidiaries and holding companies on each continent and representatives in over 70 countries are the solid foundation of our export-oriented activities. Our presence on the ground ensures individual adaptation to region-

ally varying requirements. Location-relevant solutions are the result of our constant close cooperation with our customers.

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 a significant element representing 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.





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