

Benefits of BEUMER and EUROSILO partnership

- Implement a single, turnkey solution
- Can handle a wide variety of materials/industries having vast experience
- Provides the best solution for moving material into the Eurosilos and back out of the Eurosilos once reclaimed
- Reasons to consider a EUROSILO:
 - Saves space and footprint (crucial for port facilities)
 - Environmentally friendly (for coal applications, Eurosilos retain dust and save material)
 - Saves cost, easy to automate.

COLLABORATION WITH EUROSILO

BEUMER Kansas City and Eurosilos BV from the Netherlands have an ongoing collaboration agreement for the design and installation of Eurosilos in North America. The Amsterdam based company specializes in the design of silos that store hard to reclaim materials like synthetic gypsum, potato starch, limestone and fertilizer. Eurosilos has more than 125 reference installations throughout the world. They recently installed several large coal silos (100,000 tons each) at a new power station in Lunen Germany.

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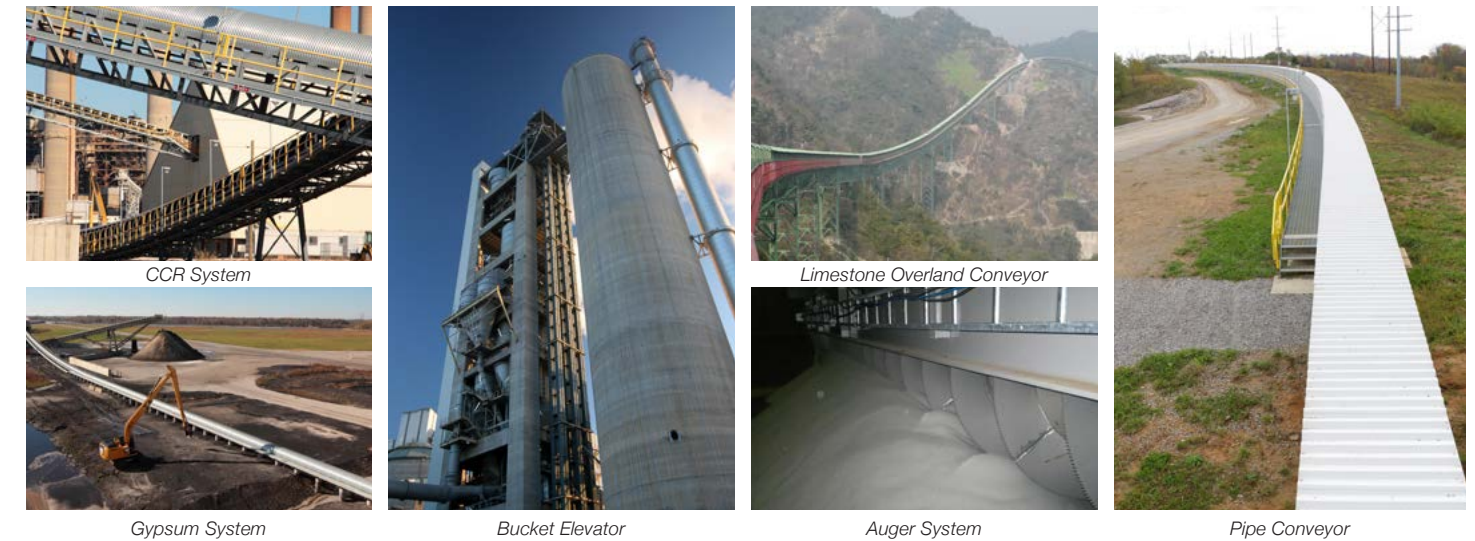
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**THE POWER OF
BEUMER & EUROSILO**

BEUMER-EUROSILO COLLABORATION

The North American partnership between BEUMER and EUROSILO brings our customers some unique advantages. Whether your issue is environmental compliance or legislative pressure, we offer a storage solution with lower operating costs by using automated reclaiming. With our separate strengths, we provide storage and reclaim solutions to many industries in North America, and can handle many materials including gypsum, CCR waste to landfills, limestone, urea, potash, coal and pet coke and more.



EUROSILO DESIGN

The design of a Eurosilos storage unit is based on the flow properties of the bulk material needing to be stored. If testing results show a high instantaneous unconfined yield strength or a strong increase in the shear stress due to time consolidation, the Eurosilos configuration should be adapted to handle these difficult materials.

Silo configuration	Bulk material	Flow characteristic
Core flow system with or without central column.	Coal, petcoke	Free flowing products without time consolidation.
Shutter column	Potato starch, filter dust, fly ash, cement.	Fine powder products which can be fluidized.
Slotted column	FGD-gypsum (cohesive) fertilizer such as urea, minerals (hygroscopic)	Non-free flowing products subject to time consolidation

