



CASE STUDY

LIME PRODUCTION AT THE HIGHEST LEVEL

The Challenge

High temperatures, heavy loads – gentle handling

Burnt lime is not only hot (up to 80°C), but also abrasive and sensitive to handling. The aim was to convey it at a rate of approx. 12 t/h into a new round silo – without damaging the product, with minimal noise and as little maintenance as possible.

What made this project special was the complexity of the transport route, which required a total of four transfer stations and a considerable conveyor height of over 25 metres. These requirements could not be met with conventional conveyor systems. In addition, the system had to be weatherproof as it was installed outdoors.



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The Solution

NERAK WB300 Angle Bucket Elevator – flexible, robust and implemented jointly

The project was implemented precisely in close co-operation with our Austrian partner IFK Schüttgut-technik. The NERAK WB300 angle bucket elevators used master the transport of burnt lime without any problems – even at high temperatures and with demanding material properties.

The compact design with four deflection stations enables a conveyor solution that is precisely adapted to the structural conditions – at a height of over 25 metres. Thanks to a high-quality external coating and reliable housing sealing, the systems can be used outdoors on a permanent basis without any loss of performance or durability.

In addition, the low noise level ensures a pleasant working environment. The angular bucket elevators have been in low-maintenance use for around a decade – reliably and without disruption.



Safe transport at up to
80°C product temperature



Customised conveyor systems with
a total height of over 25 metres



Weatherproof and durable
– ideal for outdoor use



Low noise level for better
employee protection



Reliable continuous operation
for over a decade

Do you have questions?

LET'S TALK

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