



## CASE STUDY

# VERTICAL PROMOTION WITH PERSEVERANCE

## The Challenge

25 metres upwards – day after day

In 2001, our customer faced a logistical challenge: pearl carbon black had to be continuously fed into the production process at a height of around 25 metres. The original plan was to transport fully loaded containers manually upwards.

However, this approach was time-consuming, labour-intensive and prone to failure. The company was looking for a solution that would deliver long-term performance without requiring daily feats of strength.



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The Original since 1987.

## The Solution

NERAK WB 300 – vertical, continuous, low maintenance

The answer: a NERAK angular bucket elevator (WB 300). It transports the material over two conveyor cascades, without intermediate transfer points, over a total distance of approximately 70 m to the feed point in the process.

Installed in cooperation with our subsidiary NERAK A/S, the system completely replaces the manual lifting process – and has ensured a smooth material flow ever since.

More than two decades later, the conveyor continues to perform reliably day after day – outdoors, at temperatures ranging from  $-30^{\circ}\text{C}$  to  $+30^{\circ}\text{C}$ , in wind, rain and snow. Without any loss of performance.

Without any significant downtime. A true example of sustainable plant technology that pays off in the long term.



Significantly  
**less manual work**



**Constant flow** of energy and  
materials – without interruptions



**Durable technology**, designed  
for extreme conditions



**Low maintenance**  
requirements



**24/7 operational reliability** –  
for more than 20 years

Do you have questions?

# LET'S TALK

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