



# Hopper discharge of coal into a vibrating collecting conveyor

**Product group:** Trough conveyor

**Industrial process:** Discharging, feeding, conveying

**Industry:** Steel Production, Foundry Technology

**Type of drive:** Unbalance motor



**capacity (t/h):** 70 | **bulk:** Kohle | **density (t/m<sup>3</sup>):** 1,1 | **grain size (mm):** < 10

**function:**

Vibrating trough conveyor, which are used in a coking plant, are required for a dosing station. Here, the vibrating troughs are to be used for dosing coal. The conveyors should be temperature-resistant and very robust. A high-quality and long-lasting product requires the customer as a requirement of the vibrating troughs. The coal dosing station is located in Ukraine.

**solution:**

10 AVITEQ vibratory feeders (OA2555 / 950 / 1285ASS-UVF24X) with unbalance motors were offered. The channels are designed in such a way that the higher ambient temperatures do not influence the troughs. The lining is made of V2A (1.4301) and the vibrating troughs are provided with a 3-layer coating. On the outlet side there is a common discharge zone and stowage strips for better distribution of the bulk material in front of the

discharge edge.

**usability:**

The internationally experienced AViTEQ team was also able to meet customer requirements through the help available direct in Ukraine. The delivered AViTEQ trough conveyors are in use.

**place of installation:** Ukraine