



Feeding forging sticks into a furnace

Product group: Trough conveyor

Industrial process: Discharging, feeding, conveying

Industry: Steel Production, Foundry Technology

Type of drive: Unbalance motor



capacity (t/h): 4 | **bulk:** forging sticks | **density (t/m³):** Stückgut | **grain size (mm):** Ø40-110 mm, L=1,5 x Ø bis 600 mm

function:

The forging sticks should be feeded into a hardening furnace. The cycle time should be 6 sec./ pcs. In the production plant, the default 80 DB volume does not exceed.

solution:

An AVITEQ trough conveyor driven by unbalance motors (OA2000 / 300ASS-UVD5Y), which is designed in a V-shape, feeds the forging sticks up to the roller run of the hardening furnace. The forging sticks are fed to the furnace with a certain cycle time. The trough conveyor is controlled by two switching vanes, which tap off the state on the conveyor channel.

usability:

With its robust design of the vibrating trough conveyor, AViTEQ provides a long-lasting feed element, which can be easily controlled via the control system.

place of installation: Germany