



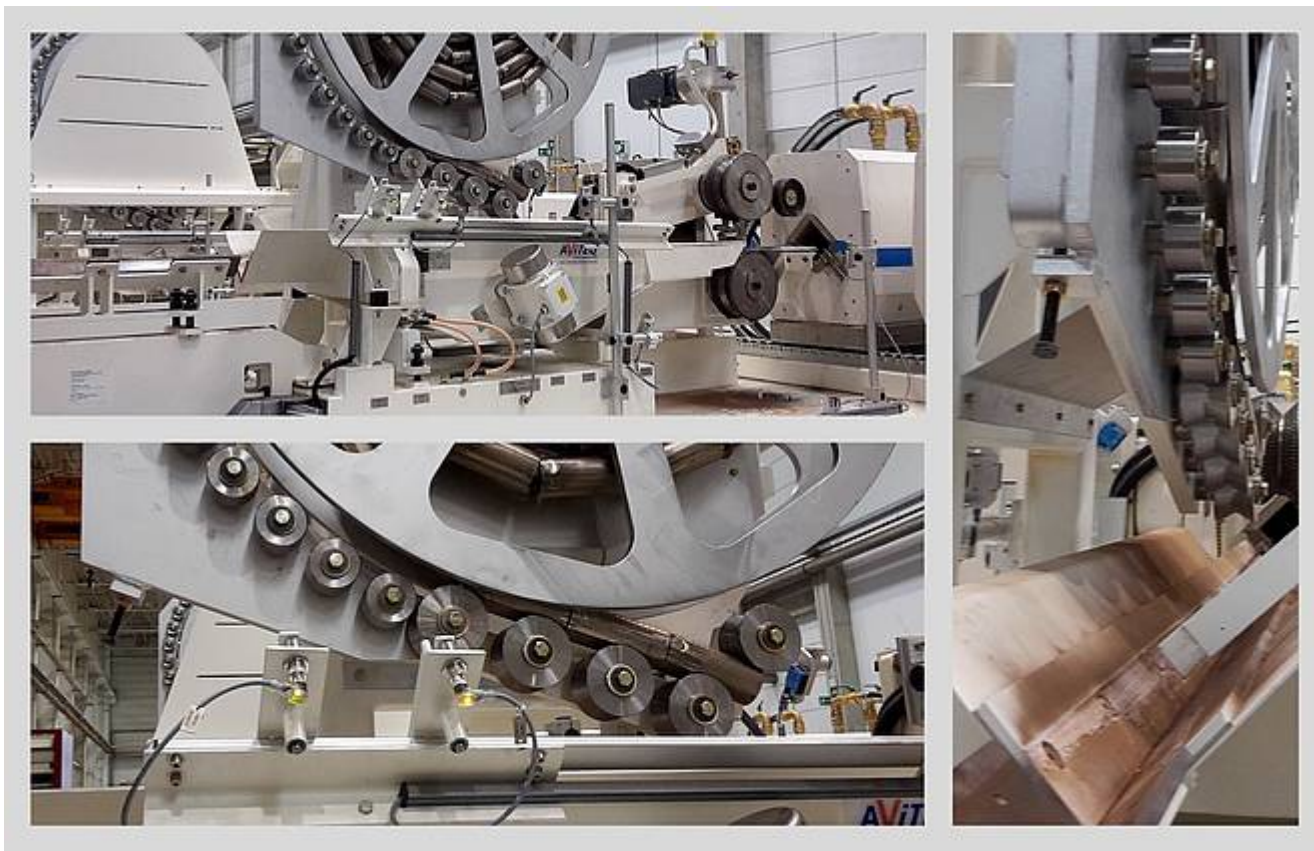
## Feeding forging sticks into a furnace

**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/m<sup>3</sup>):** 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