



# heat exchange process machine for vanadium / nickelash

Product group: Vibrating fluid-bed system  
Industrial process: cooling, heating, drying  
Industry: Steel Production, Foundry Technology  
Type of drive: Unbalance motor



capacity (t/h): 2 | bulk: Vanadium / nickelash | density (t/m<sup>3</sup>): 0,6 | grain size (mm): 0,02  
function:

Indirect cooling of 2 t/h (□ 2 m<sup>3</sup>/h) of vanadium and nickelash. Product comes from discharge tube of the oven and should be cooled down from 220°C to 80°C.

solution:

AViTEQ cooling conveyor type OAW-1000-UVG 21W. Dust tight execution, trough with screening area at the outlet position for screening out of oversize product (only some parts), trough c/w cover and quick acting clamping system and inspection openings. Driven by 2 off motors with steep acting line. To achieve longer residential time of the product for cooling, trough with 3 independent cooling inserts laser welded, trough made from stainless steel.

usability:

- high causing efficiency due to compact design
- easy handling because of independent inserts
- high resistance against leakage because of the laser welding

place of installation: Austria