



Conveyor designed for cooling of carborundum

Product group: Vibrating fluid-bed system

Industrial process: cooling, heating, drying

Industry: Chemicals, Plastics, Pharmaceuticals

Type of drive: Unbalance motor

capacity (t/h): 1,5 | **bulk:** carborundum | **density (t/m³):** 1,7 | **grain size (mm):** 1,2

function:

A capacity of 1500 kg/h carborundum with 200°C temperature has to be cooled down to 50°C (+- 30°C).

solution:

Operation of 2 conveyors type OAOW 3580/900 driven by 2 unbalanced motors type UVH38W, conveyor body made from stainless steel, dust tight execution including inspection openings, indirect water cooling (5,5 m³/h water each conveyor) by means of laser welded cooling inserts

usability:

High efficiency and reduced required installation space due to compact design. Reliable system because of laser welding

place of installation: Austria