



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