

Granulating plant



Description

Aluminium granulates are manufactured based on secondary or primary raw materials. Dry manufacturing is by dry pouring the fluid aluminium on a rotating, water-cooled plate. Granulates are mainly used as deoxidants in the steel industry or as abrasive agents.

Technical Data

- Dimensions l x w x h: 8 m x 7 m x 7.5 m (not including cooling system)
- Plant output: up to 2 to/h aluminium granulates
- Granulate size: \varnothing 8 mm-15 mm
- Ingot mould preheating: automatic through self-igniting and flame-monitored gas burner
- Cooling system: Water cooling using recooling

Characteristics

- Robust water-cooled rotary plate made of grey cast iron
- Granulate generation in ceramic ingot moulds
- Granulate sorting using cascade separator
- Granulate conveyance through fail-safe vibration spiral conveyor
- All wearing parts stocked by Bartz Maschinenbau GmbH