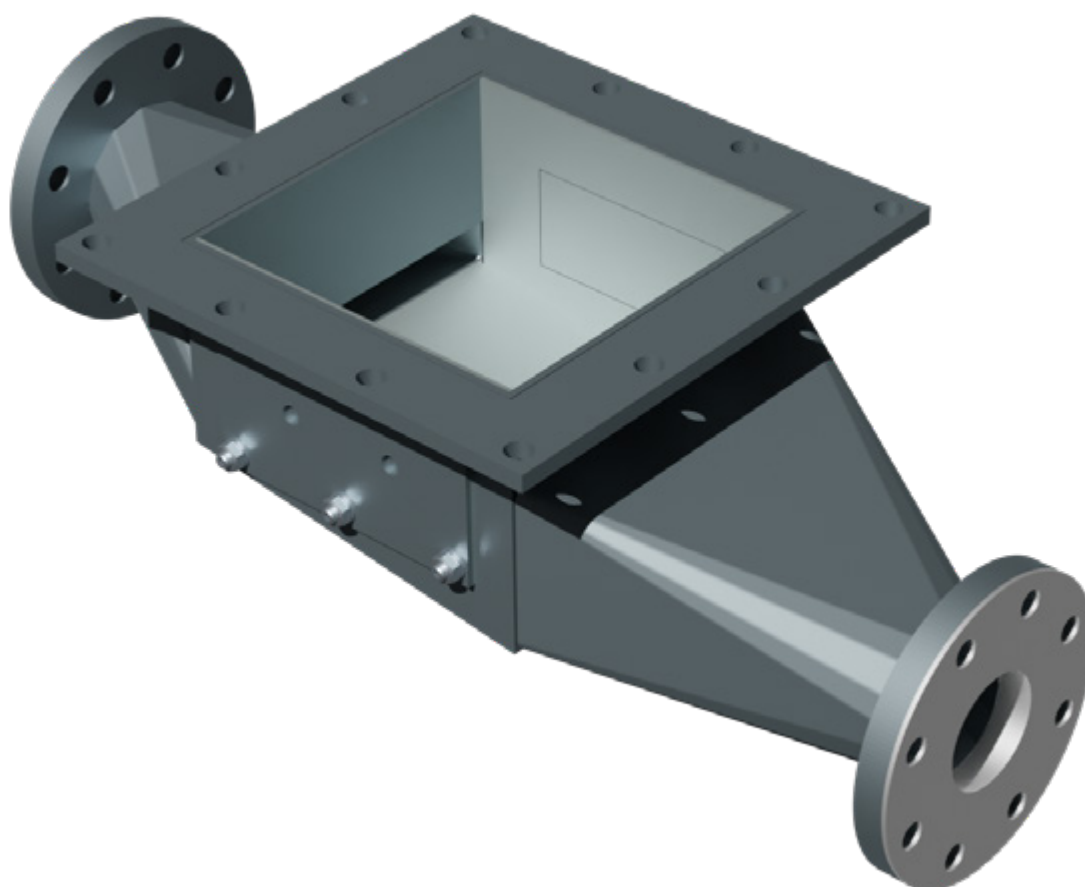


Air Blast Nozzle

Thin current conveying



The Air Blast Nozzle is suitable for the pneumatic transport of non- or slightly abrasive products in thin-flow conveying systems. In combination with a rotary valve as a pre-seal, the dual function of dosing and pressure sealing is possible in a continuous product feed into the conveying line, resulting in a high level of operational reliability with minimal control effort. The different geometries of the range enable problemfree conveying of a wide variety of bulk materials.



Function

In the Air Blast Nozzle, the energy is not converted and there is an overpressure at the point of injection, which corresponds to the pressure loss (conveying pressure) in the downstream conveying line. As a result, the product is fed against the pressure and the upstream dosing unit must be able to cope with this. Usually, a rotary valve is used as the dosing element, which serves as a gas seal and the leakage air must be discharged. The rotary valve can also be placed between the dosing element and the Air Blast Nozzle in order to fulfill these conditions and the dosing element can work without pressure load, as with the injector.

Experience

- Years of experience in use in complete systems
- Process & bulk solids-specific versions possible

USPs

- Simple, self-regulating feeding of bulk solids
- Powdery to granular bulk materials
- without moving parts

Use

- Waste to Energy
- Power plants
- Steel mills
- Building materials industry
- Paper industry
- and many more

View from the side



View from above

