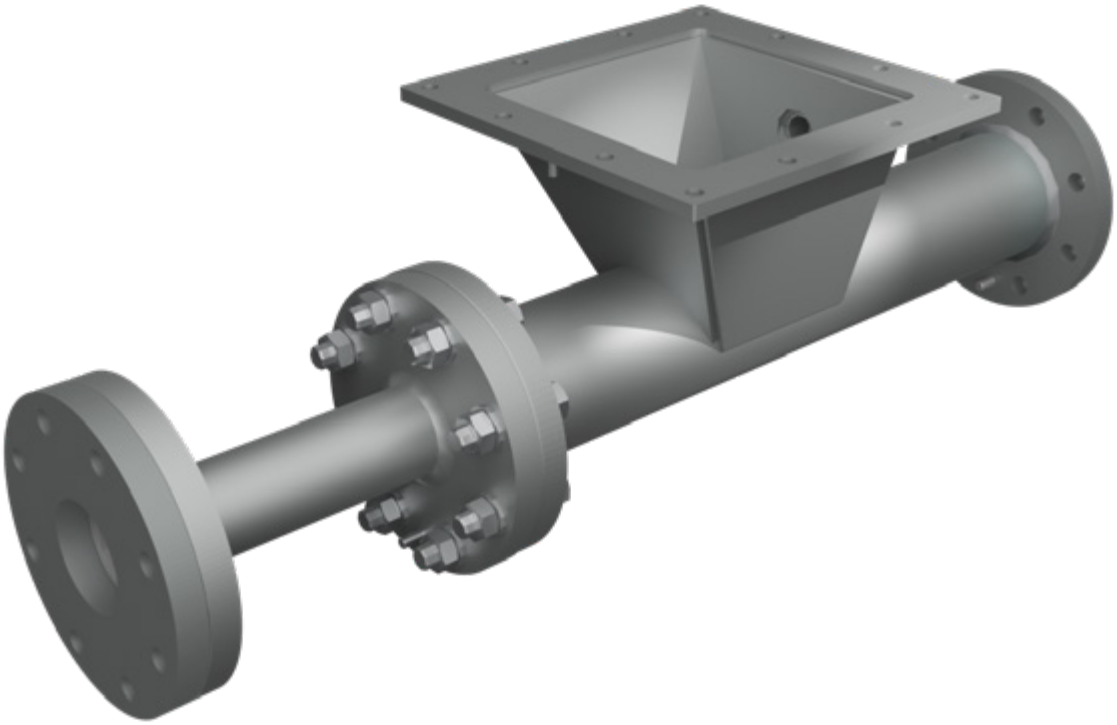
Injector

Thin current conveying



The injector 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 problem-free conveying of a wide variety of bulk materials.

STAG AG
Industriestrasse 11
CH-7304 Maienfeld

T. +41 81 303 58 00

www.stag.net
office@stag.net

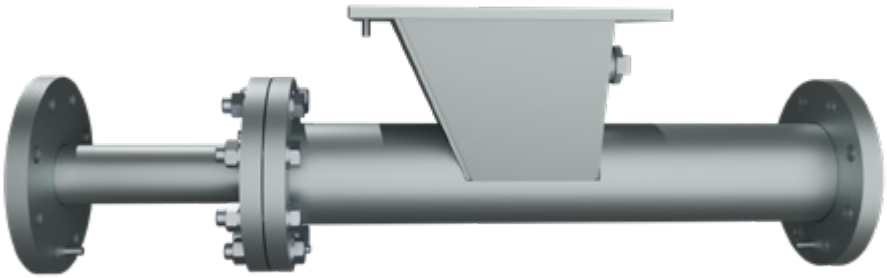
Function
Injectors for injecting bulk material convert the pressure energy of the conveying air into velocity energy at the point of injection. This allows the bulk material to be picked up by the air flow without pressure or with a slight underpressure. This is also the main advantage of the injector, as there is no air flow in the opposite direction to the product feed, which would interfere with it. This means that the upstream dosing element can work without pressure load or, under certain conditions, can be dispensed with completely.
After injection, the energy is converted back again. The resulting overpressure is equal to the pressure loss (delivery pressure) in the subsequent delivery line.

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

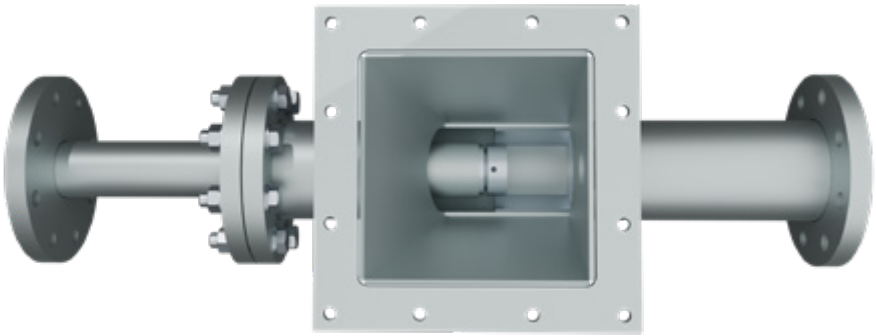
USPs
- Simple, self-regulating feeding of bulk solids
- Powdery to granular bulk materials
- without moving parts

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

View from the side



View from above



www.stag.net/en/products