Discharge and homogenisation of fluidisable powders and dusts, gentle handling of the material to be discharged

Advantages:
- Reliable discharging of difficult to barely flowing bulk solids
- No sticking or clumping together of micro-fine dust particles
- No segregation
- No bridging
- Gentle handling of the material to be discharged, without particle degradation
- Low maintenance
- Low noise
solids Aeration Bottom
Type FLC

Characteristics:
- Stable design for high loads due to the product column in the silo
- Fluidisation of the entire contents in the hopper; this enables mass flow, homogenisation or tempering
- At the outlet air lock, e.g. by a rotary valve
- Impermeable material: Woven polyester, sintered plastic or temperature-resistant stainless steel material

Function:
Compressed air (in special cases, inert gas) is distributed finely using a special woven material or a special sintered metal moulded part and fed to the particle composite. Air circulates around the particles, and the bulk-solid is then capable of flowing.

Conditions:
- Fluidisable bulk solids, i.e. non-cohesive,
- Dry, particle size less than 0.5 mm
- Dry air required, especially for hygroscopic products.

Sizes:
DN 600, 900, 1200, 1500, 1800, 2100, 2400, 3000, 3600 mm
solids Aeration Bottom
Type FLC

Version for pressure load and multiple outlets:

Dished end for pressure load
Up to 4 outlets possible