Fiber Compactor FKA/FKC



Separating and compacting units
for textile, paper and plastic waste

Functional Description

The particle-loaded air stream enters at the top of the housing through the tangential inlet, flows through the perforated cone and is discharged through the outlet. The collected material and waste is deposited on the inside of the perforated cone. From there the material is continuously scraped off and compacted by a plug screw.

The pre-compacted material is pressed against a diaphragm at the bottom outlet opening. This continuous process compacts the material and pushes the diaphragm open. The material is discharged into a suitable container or bag. This continuous operation of the units prevents fluctuations in the extraction system.

Fiber Compactor

The separating and compacting units of type FKA/FKC are perfectly suitable for paper residue, edge strips, foil shreds and different shredded plastics. The solid particles are extracted from the production process by suction, separated from the air stream and deposited in bags, containers or silos.

Advantages

- Separator and compactor in one unit
- Continuous operation
- High material and air flow capacity
- Sturdy construction
- Pressure-free discharge
- No fluctuations in the extraction system
- Energy-efficient through optimum time-relay control

Application in various industrial sectors

- Textile industry
- Non-woven industry
- Paper industry
- Tobacco industry
- Plastic waste industry

- FORM_RR-USA_DataCollection.pdf (245.2 KiB)
- rr_bethfiltration_fiber_compactor_fkc_fka.pdf (700.0 KiB)
- R+R_BETH-Filtration_TEXTILE.pdf (3.9 MiB)