

BAG FILTER TYPE DSP



The DSP bag filters are under- and over-pressure filter, designed for continuous operation. Constructed as a self-supporting sheet metal construction. The round design ensures great strength combined with low weight. The filters are fitted with 180° tangential inlets to ensure effective sorting of heavy materials before the process air passes through the filter.

Your Direct Benefits

- 🌿 Large range of standard filters provide solutions for numerous applications.
- 🌿 Efficient filters with tangential design making it possible to have a high load.
- 🌿 TÜV approved.
- 🌿 Designed according to ATEX.
- 🌿 Full filling EU norms for exhaust air.

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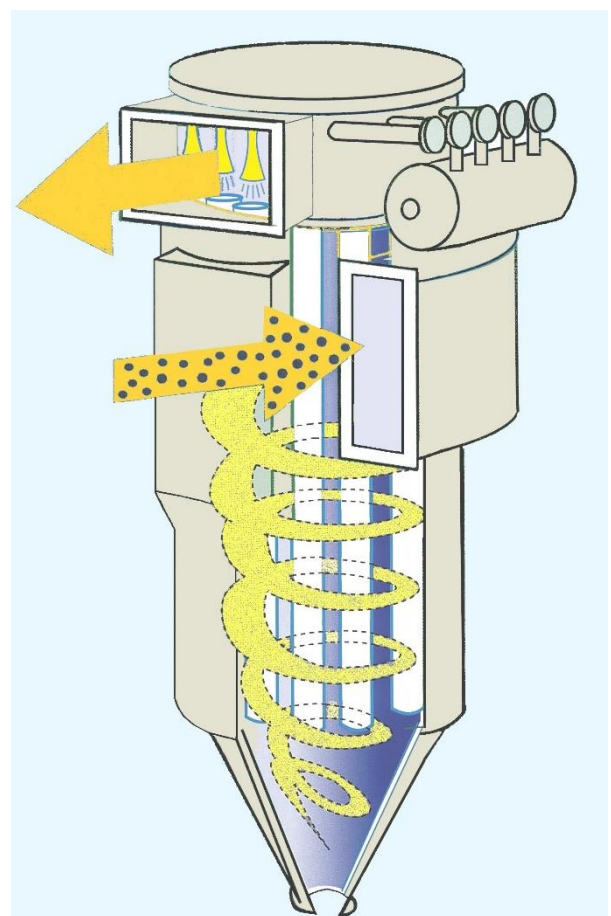
Function

The dust-loaded air is led through the cyclone-shaped inlet into the filter chamber. Here the air penetrates the filtering material and is discharged through the clean air outlet in the top section. The filtering material, holding back dust particles, is cleaned by means of compressed air by the efficient cleaning system, thereby disengaging the dust particles, which are discharged through the outlet at the bottom.

The filter bags are made of first-class materials, ensuring a high degree of separation, which depends on the particles to be separated.

The cleaning of the bags is either ensured by means of an electronic control with adjustable pulse and pause time (cleaning time), determined by the differential pressure over the filter bags or by time control.

Discharge system conical or scraper bottoms are available for the discharge system.



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Standard Filters

| Filter Type | Filter Area | Bag Height | Discharge | Control |
|-------------|---------------------|------------|-----------|----------------|
| DSP 8 | 7,7 m ² | 2,0 m | Cone | Timer |
| DSP 12 | 11,5 m ² | 2,0 m | Cone | Timer |
| DSP 12 | 17,5 m ² | 3,0 m | Cone | Timer |
| DSP 20 | 19,2 m ² | 2,0 m | Cone or | Diff. Pressure |
| DSP 20 | 28,6 m ² | 3,0 m | Cone or | Diff. Pressure |
| DSP 34 | 32,4 m ² | 2,0 m | Cone or | Diff. Pressure |
| DSP 34 | 48,5 m ² | 3,0 m | Cone or | Diff. Pressure |
| DSP 34 | 61,8 m ² | 4,0 m | Cone or | Diff. Pressure |
| DSP 55 | 52,4 m ² | 3,0 m | Cone or | Diff. Pressure |
| DSP 34 | 78,4 m ² | 2,0 m | Cone or | Diff. Pressure |
| DSP 34 | 99,8 m ² | 2,0 m | Cone or | Diff. Pressure |

**) Other filter sizes are available.*

Accessories and Service

- 🌾 Complete plant aspiration system engineering and design by Damas Seed Processing.
- 🌾 Large range of standard fans specified for each filter configuration.
- 🌾 Rotary valves.
- 🌾 Explosion valves.
- 🌾 Service ladders and platforms.
- 🌾 Pipes and transitions for complete systems.
- 🌾 Spare parts and filter bags.