

SIMATEK
Filter Technology

Simatek at a glance

Setting new standards for
sanitary bag filter technology



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Best Available Technology (BAT)

Simatek develops bag filter technology for dairy powder producers needs.

1. Special inlet design to avoid swinging bags
2. High focus on health & safety
 - Explosion protection
 - Working environment
 - No confined spaces
3. Single bag leak detection
4. Powder recovery
5. Sub-zero can velocity

Low Cost of Ownership

1. Small footprint
 - Utilization of bags up to 40'
 - Savings in building cost
2. Reduced energy consumption
 - up to 30% on the exhaust fan
 - up to 80% on the pulsing energy
3. Up-time
 - Flexible bag pulsing system
4. Low maintenance costs
 - Longer bag life
 - Short bag change time
 - Easy preventive maintenance



3CX-CIP

Pulse Air Distributor (PAD)

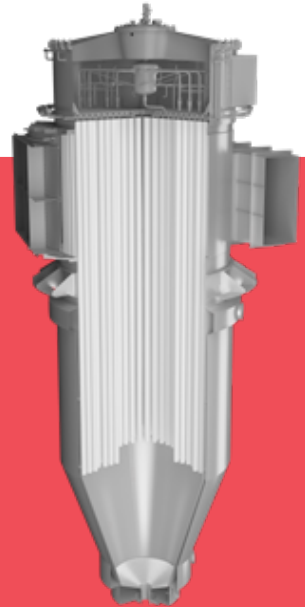
Simatek unique single bag pulsing system.

1. Low pressure high volume pulse air
 - Longer bags
2. Heated pulse air
 - Eliminating risk of condensation
3. Low air to cloth ratio
 - All time full capacity
4. High efficient energy claw compressor for pulse air

Sanitary Design

Simatek fulfils the highest sanitary requirements.

1. 3-A symbol certification.
2. USDA cleanability acceptance.
3. EN 1672-2 and EHEDG compliance
4. Blockage free USDA certified CIP-nozzles
5. Bag CIP inside-out and outside



An optimised investment. Efficiently delivered.

Founded in 1981, Simatek is a leading manufacturer of industrial air filtration solutions. Our high-tech products and systems optimise footprint, performance and maintenance for industrial plants worldwide. All at a low cost of ownership.

Our main areas:

- Dust collection and aspiration: A wide range of pulse-jet bag filters designed to work with dust explosive atmosphere and meet international standards and certifications.
- Process air: A range of sanitary and non-sanitary bag houses for the processing industry – including process filters with Cleaning in Place (CIP) and super sanitary bag houses conforming to the 3-A standards and USDA guidelines.

Unique technology and specialised expertise are at the heart of everything we do at Simatek. Our core team of dedicated employees – alongside our global network of partners and representatives – are ready to help you find the solution that will benefit your business the most.

We call this an optimised investment, effectively delivered.

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