

**SIMATEK**  
Filter Technology

## Simatek at a glance

Setting new standards for  
sanitary bag filter technology



# Simatek at a glance

## Setting new standards for sanitary bag filter technology

### 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



## Pulse Air Distributor (PAD)

---

Simatek unique single bag pulsing system.

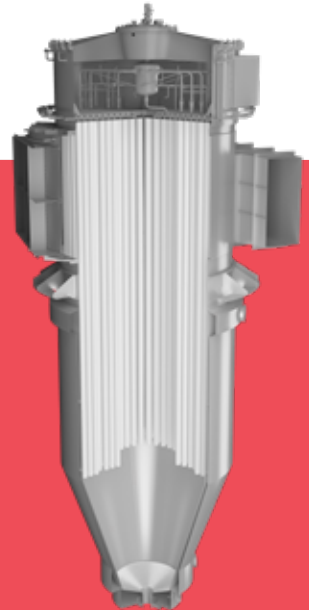
1. Low pressure high volume pulse air
  - Longer bags
2. Heated pulse air
  - Eliminating risk of condensation
3. Low air to cloth ratio
  - All time full capacity
4. High efficient energy claw compressor for pulse air

## 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.

**SIMATEK**  
Filter Technology

**Simatek A/S**

Energiens hus, Energivej 3  
DK-4180 Sorøe  
Denmark

Tel (+45) 58 84 15 00  
Fax (+45) 58 85 41 07  
Mail [office@simatek.dk](mailto:office@simatek.dk)  
[www.simatek.com](http://www.simatek.com)