

Powder separation **technology**



Dairy

Food

Starch

Non-food



Powder separation technology



Maximising profit

SiccaDania helps customers maximise profit by removing even the smallest powder particles from air, and other gasses. All powder separation technology is produced in a wide range of standard sizes – fitting small and big plants and factories.

Decades of experience

Clean air and emission reduction are important drivers for SiccaDania. With the acquisition of VTK and a special bag filter division in Germany, SiccaDania gained a century of knowledge about powder separation.

VTK invented a superior cyclone system in 1927, which is now being copied worldwide, and as we continue our stride forward, we also continue to develop systems to improve dust reduction.

[Learn more](#)

Wide range of technology

SiccaDania offers a wide range of solutions to promote powder recovery and emission control, ranging from (bag) filters and special cyclones to barcol scrubbers. We are happy to assist you in finding the right solution for your specific situation. Our technology includes:

- Gas cyclones
- Scrubbers
- Sanitary bag filters
- Pulse-jet bag filters

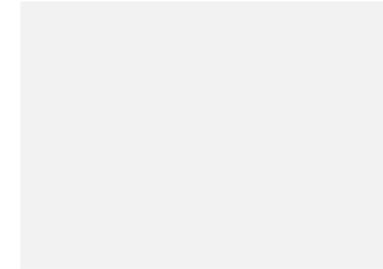


Technology provider

As powder separation technology supplier we offer:

- Higher product recovery
- Lower emissions
- More energy-efficient production
- Easier to clean
- More flexibility
- Safety of the highest standard

We have the capability to engineer, manufacture, install and commission the separation technology, covering the whole value chain. This ensures optimal solutions, short delivery, full flexibility, and enhanced quality control.



CYCLONES

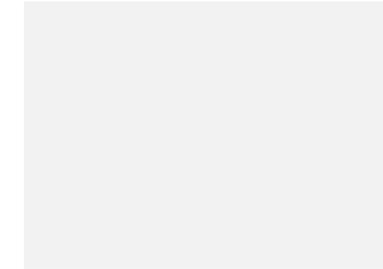
Gas cyclones

Gas cyclones from SiccaDania have been optimised throughout the years to provide customers with the most effective cyclone to separate dry solids from gas.

We deliver the following cyclone configurations:

- Conventional cyclones with tangential inlet, in various types and sizes
- Multi cyclones with multiple smaller cyclones in one vessel. The multi cyclones have very high efficiency and require limited floor space as well as height
- Cyclone system arrangements, in parallel or serial as multiple stage execution

[Learn more](#)



SCRUBBER

Scrubber

The SiccaDania barcol scrubber is a wet scrubber using a scrubbing liquid to separate dust from a gas flow. The barcol scrubber is flexible in its design with regard to dust and gasses to be handled. The barcol scrubber can be used wherever it is possible to wet dust particles in a gas stream with a sprayed liquid.

[Learn more](#)

Bag filter

SiccaDania offers leading-edge bag filters for the dairy, food, and chemical industry. Our bag filters are developed to efficiently recover powder from the exhaust air of dryers and powder handling equipment and thus improve the air quality in processing plants.

[Sanitary bag filters](#) [Pulse-jet bag filters](#)

Upgrades and spare parts

SiccaDania has the capability to upgrade and optimise existing installations regarding hygienic and safety requirements or increase their capacity. With an in-house installation team and workshop, we can realise retrofits within the shortest shut down times. A quick spare part supply for almost all technology in the dairy, food and chemical industry is ensured.





www.siccadania.com

Delivering superior process **technology** worldwide.

SiccaDania specialises in both stand-alone single unit operations as well as complete solutions for the dairy, food, starch and plant protein industry.

We make food processing better – more sustainable, healthier, safer



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