



Solutions Innovated...

An ISO Certified Company

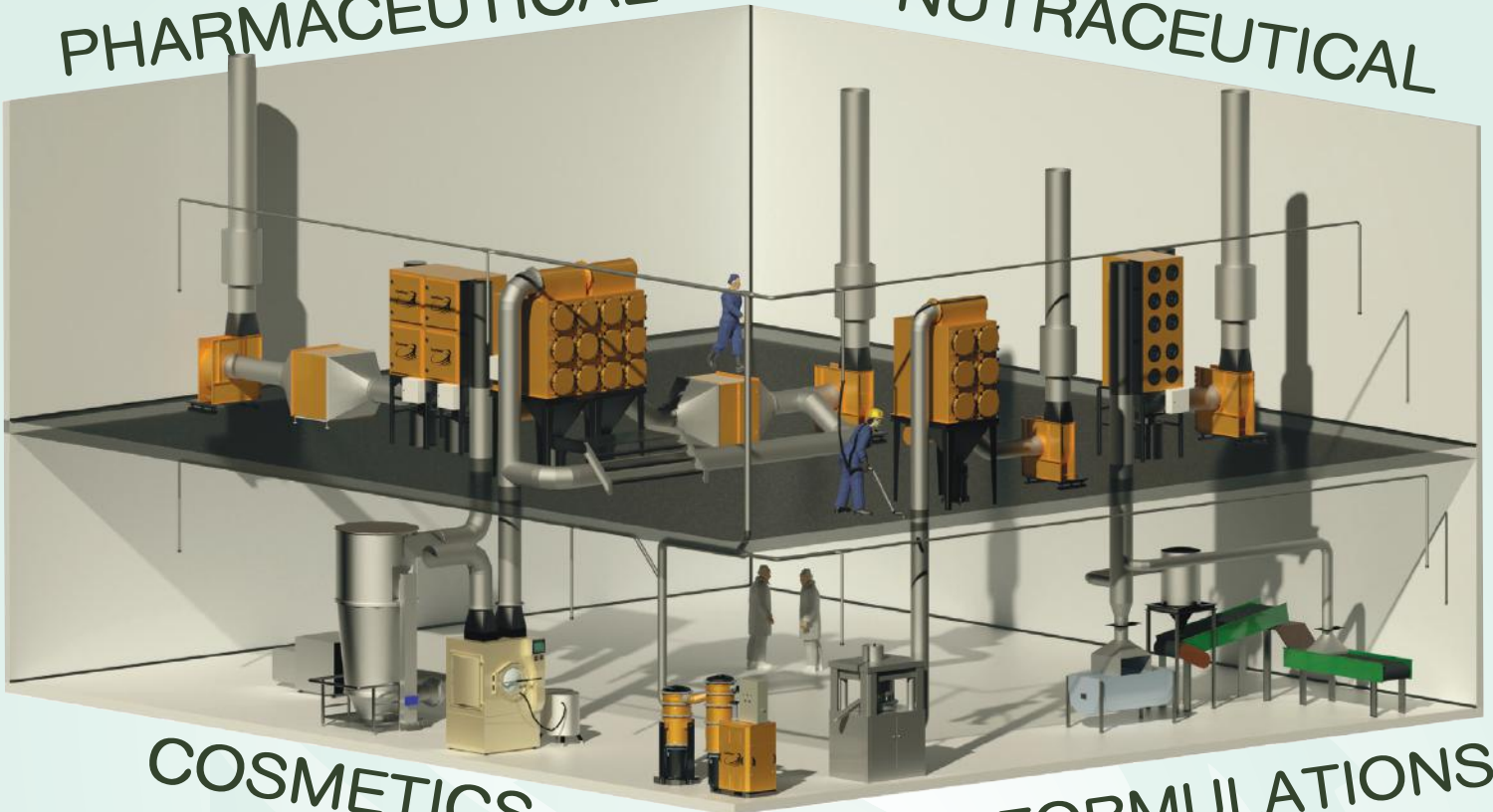
DeGATECH

INDUSTRIAL ENGINEERING SOLUTIONS COMPANY



PHARMACEUTICALS

NUTRACEUTICAL



COSMETICS

API & FORMULATIONS

www.degatec.com





“ With more than 17 years of Pharmaceuticals experience, we know what the customers want: Reliable quality products, quick decisions, on time delivery and local support. And that's just what we offer. ”

DeGATECH

DeGATECH is a leading manufacturer, supplier of equipment for air filtration, for food and pharmaceutical industry. Based on Swedish & USA technology. We offer top notch solutions for air pollution control inside production facilities, bringing care of employees' health and improved work efficiency combined with environmental intelligence.

Services

We offer a full range of services for the design, construction, equipment supply, installation, engineering setup, warranty, after sale service and offer turnkey solutions.

Every stage tells a clean Story

Formulation

Blending

Granulating / Milling / Drying

Tableting

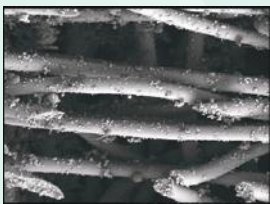
Coating

Packing

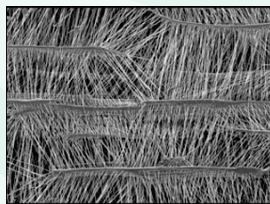
Best argument
Happy Healthy
Customers!

With our complete technology for product containment, air filtration and dust collection installed, every stage of your production becomes clean, more productive and avoid dispersion of materials

New generation filter media sets new standards



Spun-bond Polyester - 500x

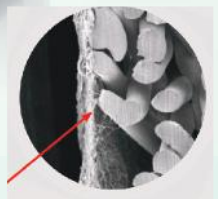


MircoDEN - 500x



DeGATECH introduces their brand new "MicroDEN" filter media. A series fully certified to meet MERV-15 & 16 standards from FDA 21 CFR (U.S. Food and Drug Administration as well as Euro Standard).

The PTFE membrane prevents smaller particles of sizes down to 0.1 μm from entering the inner layers of the filtration media and enhance surface loading on the filters. The result is a significantly longer filter lifetime with maintained performance and less energy consumption.



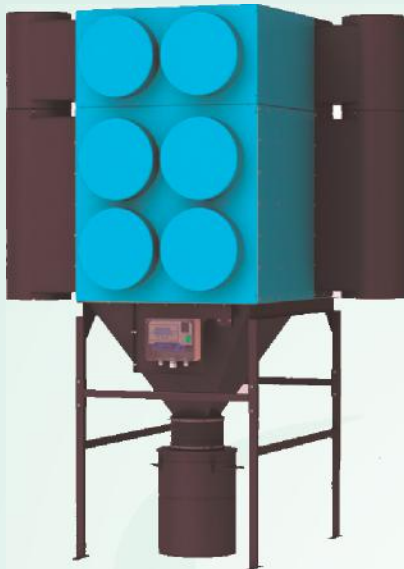


“The filtration efficiency is up to 99.9 % for particles down to 0.3 micron.”

**Modular self-cleaning
cartridge filter
DEGA-S series**

Our airflow technology directs the incoming air to an intelligent dropout zone for reduced filter loading. Capacity varies from 600-

80,000 m³/h, depending on the amount of modules, the dispense structure and the physical properties of dust.



**Modular self-cleaning
cartridge filter
DEGA-S-CH with
bag-in bag-out system**

To reduce the filter loading, the dust is directed to special dropout zones. The filter capacity goes from 600-64000 m³/h, depending

on the dust proportions and the amount of modules. This filter includes a bag-in/bag-out system, for removing contaminated particulate filters in hazardous environments. (With this system, maintenance personnel are protected from coming in direct contact with the interior of the housing and hazardous contaminants during filter change-out.)



**HEPA filter
DEG-HE13-14 with
bag-in bag-out system**

▪ Unique design with horizontally inserted HEPA

- filter panels. Gives higher flow rate.
- Suitable for secondary filtration
- DOP injection and acrylic glass for visual inspection provision is available
- BIBO for HEPA (optional)
- Housing can withstand negative pressure of -500 mmWG to -1500 mmWG



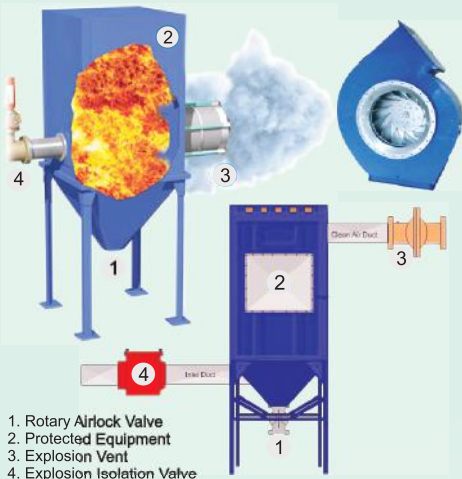
**Direct / Belt Driven
Centrifugal Fans
(*ATEX Compliant fan
12 bar design available)**

Centrifugal Fans from 0.5 Hp to 500 Hp.
Flow upto 200,000 cmh.
Static pressure upto 1650 mmWC

in two stage fan Efficiencies upto 86 % (Total)

- Fan MOCs available : Mild Steel, Stainless Steel, Aluminium, FRP





ATEX (Ex) Compliant Dust Collectors & Centrifugal Fans

Maximum rate of pressure rise in a one cubic meter vessel:

100-300 bar m/sec for organic material and up to approximately 1000 bar m/sec for metal powder. Explosion Venting solutions will be as per NFPA guidelines.

- 1. Rotary Airlock Valve
- 2. Protected Equipment
- 3. Explosion Vent
- 4. Explosion Isolation Valve

Wet Scrubbers



DeGATECH offer a wide range of scrubbers that is widely used in both applications of a particulate collection as well as gaseous pollutants

- Packed Bed Type
- Venturi Type
- Plate Type

Note

For other tailor made solutions, BIBO for dust collector & HEPA, explosion venting solutions or any special instrumentation requirements, Please contact our local sales office for separate information.

FEW OF OUR PRESTIGIOUS CLIENTS



DeGATECH Presence : India, Sri Lanka, Bangladesh, Singapore, Russia and Australia



An ISO Certified Company
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