2022

DE DIETRICH PROCESS SYSTEMS
Powder Handling, Containment

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Business Unit Filtration/Drying/Powder Handling

Activities

- Projects (products and solutions)
  - Ranging from small machines to turnkey installations
  - Filtration / Drying, Powder handling, Containment
- Service activity
  - Trials and rental
  - Upgrade/modernisation of existing equipment
  - Field service
  - Spare parts supply and installation

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Service activity

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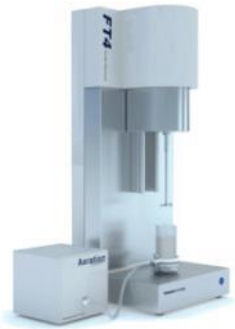
Service activity – F/D PH

Trials and rental

Trials and Rental

- Trials at customer site or in our tech lab in Semur, France
- Equiped with a range of units to perform trials on processes:
  - Filtration
  - Vacuum drying
  - Powder transfer and powder flow
- Trials possible on products generating an Ex area
- Powder rheometer available

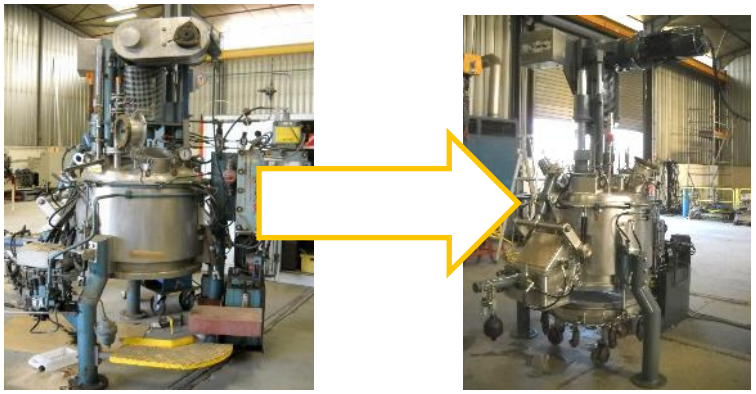


Service activity – F/D PH

Upgrade and modernisation

Upgrade and modernization

- Upgrades carried out on second hand equipment or as upgrade within plants:
  - To improve sealing mechanisms (mechanical seal, dicharge valve)
  - To improve cleanability
  - To increase containment levels (glovebox)
  - To conform to norms (Atex)
  - To improve heel recovery (Gas knife)
- Depending on available documentation, upgrades can be carried out on non DDPS equipment



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Products and solutions

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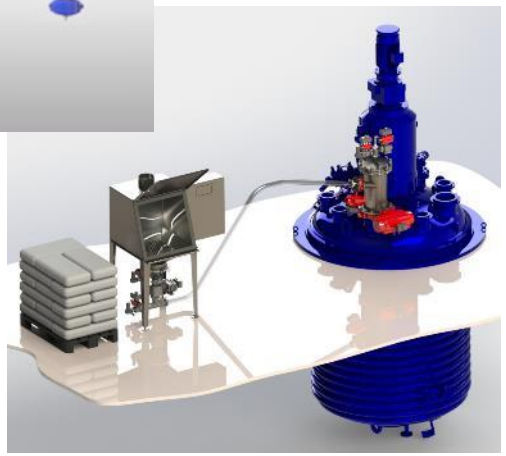
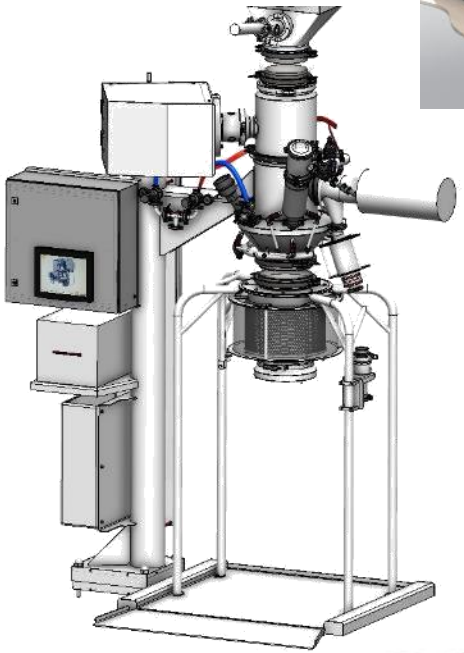
Products and solutions

Powder handling and containment



Solutions for the following applications:

- Drum, bag, big bag emptying
- Reactor charging



- Dryer offload and packing:
  - Dryer offload
  - High containment milling
  - Dosing and packing

Products and solutions

Drum / Big bag emptying and powder charging

Drum dock station

Dense phase
powder transfer

Bag rip and tip

Big bag
emptying

Solids Handling

Dosing and packing

- Recent deliveries

Simple mobile drum packing system

Pack-off stations including milling, dosing, sampling (Full CIP, containment level validated to 0,1µg/m3)

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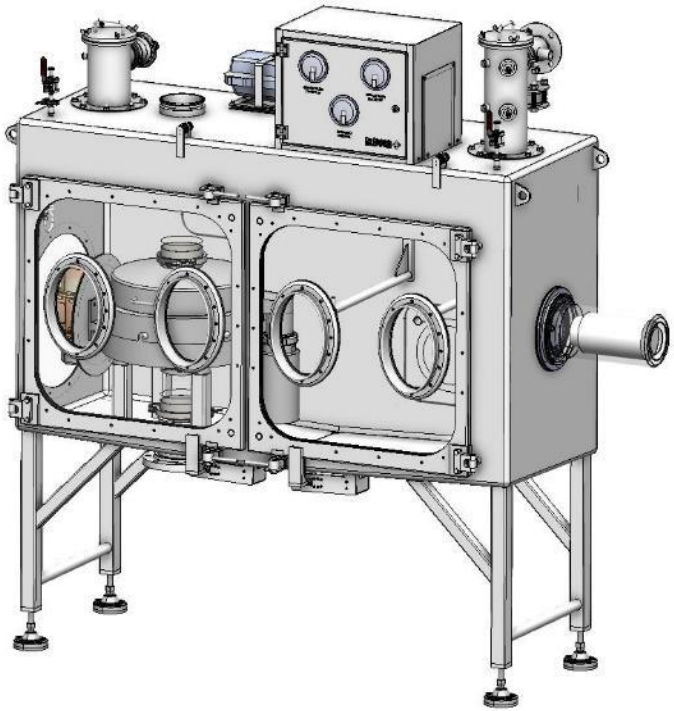
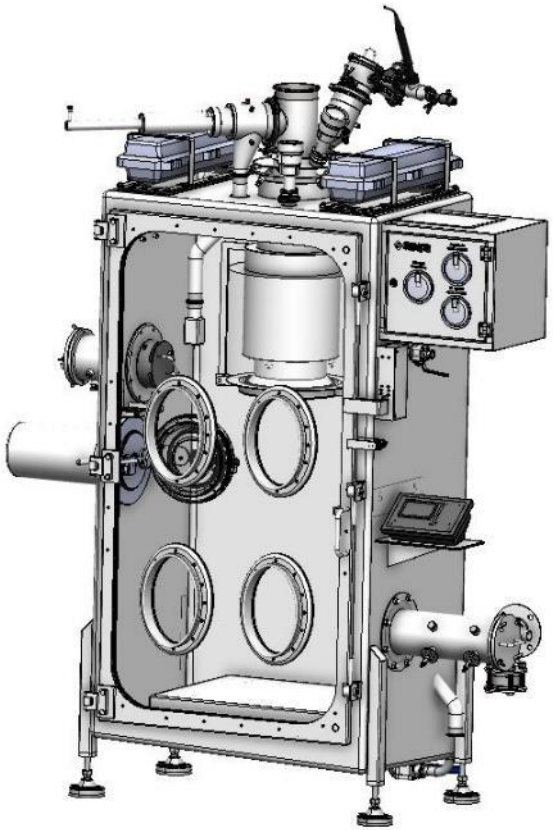
Solids handling

Contained sieving and packing

- Ongoing project – target containment performance 1µg/m3 including change over



Sieving



Pack off

THANK YOU FOR YOUR ATTENTION !

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