

# GEA Powder Test Centre

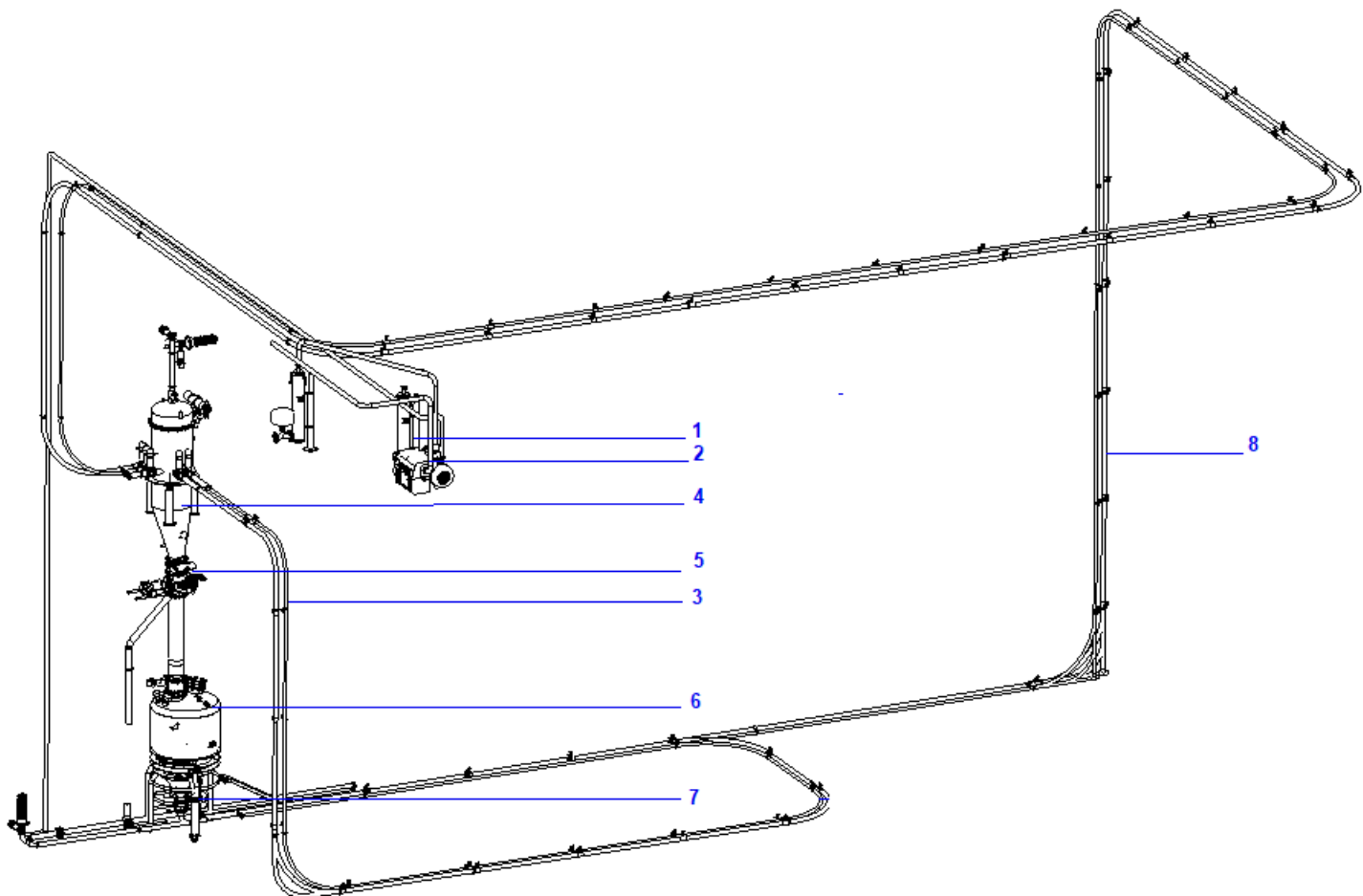
## Technical data

The GEA Powder Test Centre is used to test and measure powder properties. Powder can be tested for performance under various modes of powder transport and handling methods. The data collected will then enable the designers to efficiently size and determine the most effective handling equipment process.

- Latest Laboratory equipment including FT4 analyzer
- Powder Analysis
  - Particle size distribution
  - Particle Break down Analysis
  - Moisture content
  - Flowability
  - Compressibility
  - Air Permeability
  - Fluidization behavior
- (Future) Powder Mixing performance

# Operating principles and constructional features

1. Positive displacement
2. Vacuum Pump
3. 34m Pipelines
4. Vacuum receiver
5. Drop-through rotary valve
6. Powder hopper
7. Blow through rotary valve
8. 76m Pipelines



Location: Soeborg:	Denmark
Equipment:	Dairy Standard Food Grade
Material:	EN.1.4301/AISI 304
Controls:	Siemens PLC and HMI
Export Data:	CSV or similar
Powder Handling Capacity:	100kg - 3000kg / Hour

## Standard scope of delivery

Detail Test reports and Analysis  
Performance data charts  
Test Powder returnable for further testing by Client

## Option

Means of transportation  
Pressure or Vacuum  
Lean or Dense phase

## GEA Process Engineering A/S

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