

Subject to modifications.

GEA Pre-gassing

Technical data

The GEA Pre-Gassing system is designed to remove O₂ from the product for gas modified packing.

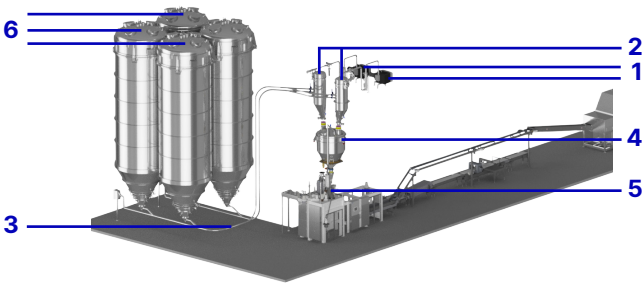
Features

- Proven developed design
- Built in vacuum dense phase conveying to convey powder from multiple configurable powder source
- Inline flow-through design
- Full containment for safe operation
- Designed for low RO requirements
- Sanitary design
- Easy access for cleaning
- Continuous RO monitoring for improved product quality
- Includes all instrumentation for automatic operation
- High throughput rate
- Utilize vacuum pumps capable of developing close to absolute vacuum
- Storage available for flexibility and maintain surge flow requirements to filler

Options

- Option to use N₂, CO₂ or N₂ + CO₂ mix

Operating principles and constructional features



- 1 Pre-gassing vacuum pump
- 2 Pre-gassing vacuum separators
- 3 Pre-gassing vacuum dense phase product line
- 4 Gassing hopper (set up as gas maintaining function)
- 5 Filling machine
- 6 Powder storage silos (powder source)

Process data	
Volume	Based on Configuration
No of Ingredients	Based on Configuration
Rate	0.5 to 20 TPH
kW	Based on Configuration
Voltage	3ph 380 to 440 V
Control voltage	24 VDC
Comp air press	6 - 7barg
Comp air flow	Based on configuration
N2 Press	Based on configuration
N2 Flow	Based on configuration
Weight	Based on configuration
Material construction	EN.1.4301 / AISI 304

Standard scope of delivery

- Based on system configuration

Options

- Contact for options
- Material EN 1.4404 / AISI 316L
- ViwateQ® surface treatment