GEA Single / Twin Dense Phase Pressure Vessel

Technical data

The GEA powder dense phase pressure vessel has been developed with years of powder experience to fulfil the requirements of a efficient, functional Dense phase powder conveying system.

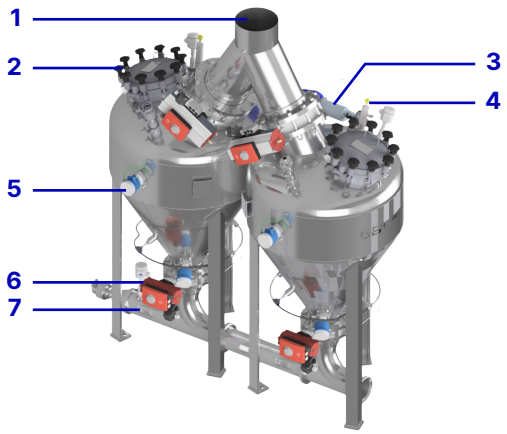
Features

- Proven developed design
- Low profile configuration
- No surge hopper required for continuous conveying
- Designed to suit local Pressure vessel standard regulations
- Low maintenance
- Anti bridging design
- Controlled powder flow to achieve rate and minimise product degradation
- Very minimal residual product retention
- C/W with actuators, sensors and instruments for fully automatic operation
- Material of construction configurable to suit industry requirements
- GMP & ergonomical design
- Sanitary design (configurable)
- Low maintenance
- Easy access for cleaning

Options

- ATEX / IECEx / UKEX / CSA

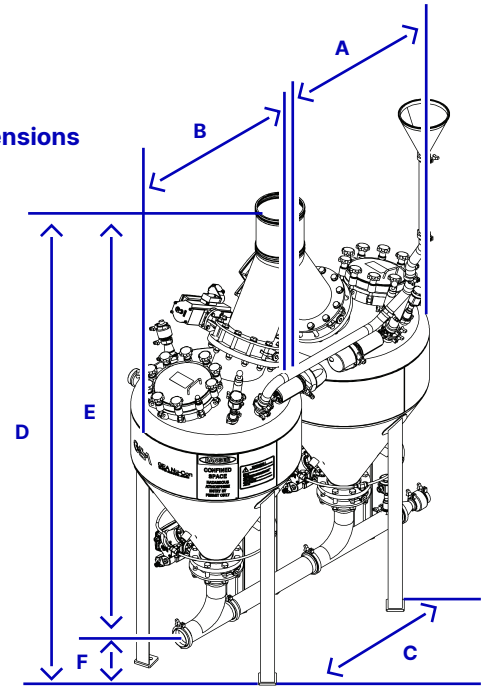
Operating principles and constructional features



1 Inlet
2 Access hatch
3 Inlet valves
4 Pressure Relief
5 Level Sensing
6 Discharge Valves
7 Convey Line

Process data	
Volume	Configurable
Inlets size	Configurable
Fluidising	3 points per pot
Discharge size	Configurable
Rate	Selectable
Controls	24 VDC
PLC controls	Not included
Comp air press	6- 7 barg
Weight	Based on configuration
Material construction	EN.1.4301 / AISI 304

Dimensions



A	B	C	D
900 mm (35”)	900 mm (35”)	950 mm (37”)	2,623 mm (103”)
E	**F**		
2,409 mm (94”)	214 mm (8”)		

Standard scope of delivery

- Single / Twin DPV
- Support frame
- Levels sensors: 2
- Pressure sensors: 2
- Inlet valves
- Discharge valves
- Vent valve
- Vent filter
- Pneumatic solenoid panel: 1 off

Options

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

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