



**ILC DOVER**  
*creating what's next»*



## PCS

## PNEUMATIC CONVEYING

### What is a PCS?

Pneumatic conveying system using over or under-pressure

### How it works

The choice between over- or under-pressure conveying is in function of the distance, height of transfer, density and characteristics of the powder.

Depending on the mode of conveying, the powder is pushed or pulled through the piping by gas (air or nitrogen).

The end point is the filter separator for separating air (vacuum or pressure) of the powder.



### Features & Benefits

- ✓ Wide range of product able to convey from few kg to several ton per hour
- ✓ Capability to determine the filtering surface and pump required for each application
- ✓ GMP design
- ✓ Available in explosion proof and ATEX approved executions

### Application

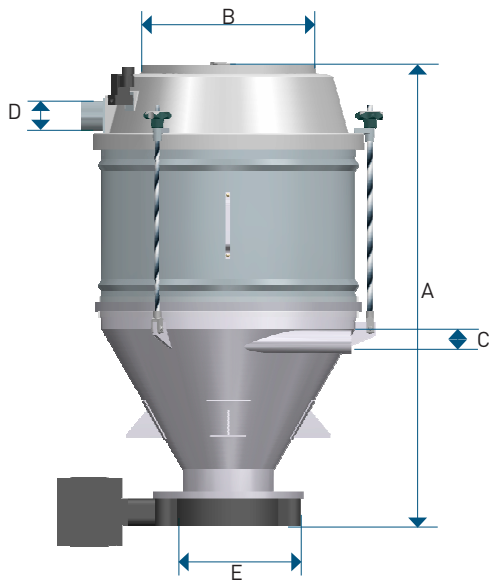
- ✓ Transfer of raw material (IBC / FIBC / Silo / bags / drums / etc.) to the process
- ✓ Transfer of the finished product to the final container



## PCS FOR RECIPE PREP - 6TON/H OF CAPACITY



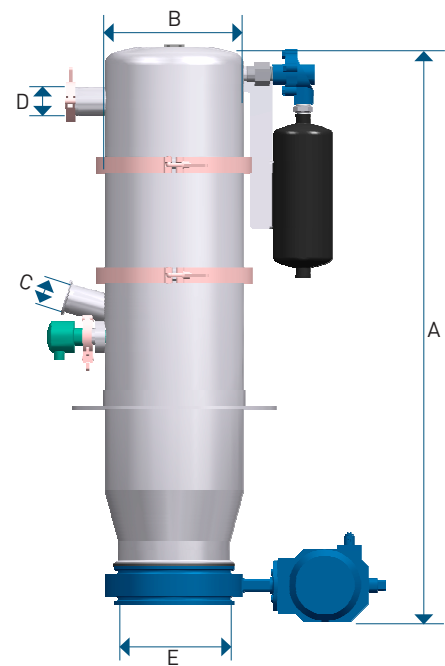
## AVAILABLE DIMENSIONS



	F15	F25	F60
Volume [l]	60	60	60
A - Height [mm]	1200	1450	1450
B - Diameter [mm]	570	570	570
C - Product inlet	DN40 / DN80	DN40 / DN50	DN50
D - Clean air connection	DN40 / DN50	DN40 / DN50	DN50
E - Product outlet	DN 150	DN 200	DN 250
Filtration surface [m²]	1.5	2.5	6



## AVAILABLE DIMENSIONS



	PCS200	PCS 250	PCS300
Volume [l]	9	20	27
A - Height [mm]	970	1060	1150
B - Diameter [mm]	200	250	300
C - Product inlet	DN40 / DN50	DN40 / DN50	DN50
D - Clean air connection	DN40 / DN50	DN40 / DN50	DN50
E - Product outlet	DN 150	DN 200	DN 250
Transfer capacity [l/h]	up to 1200	up to 2400	up to 3250

