

## A cost-efficient, robust solution that gives you the benefit of high productivity and savings

The CE Series is a well proven design and an efficient pulse-jet cleaning system. Central Jet Pulse filters are modular bag filters in which the dust-laden air enters through the base or side of the casing and is evenly distributed between the filter bags. This ensures a smooth flow of both coarse and fine particles into the filter.

### Benefits

#### Efficiency

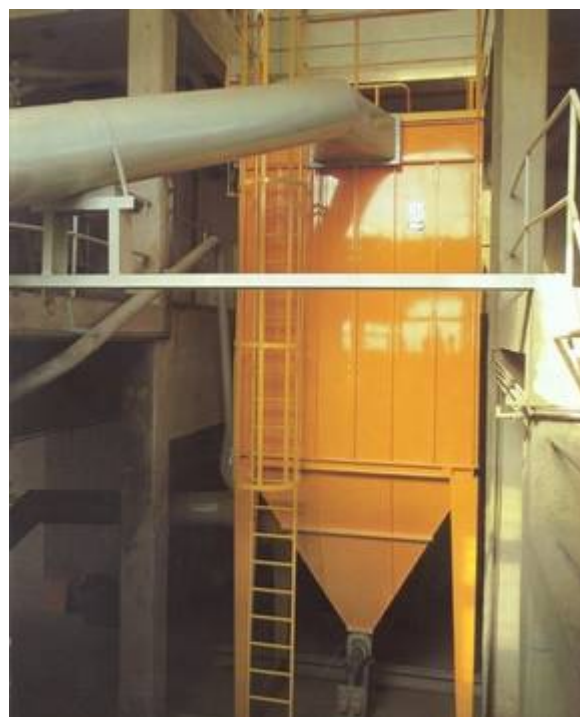
- The pulse jet system automatically cleans the bags row-by-row even as the dust is being filtered. The advantage is that the filter continues to work for you while the bags are being cleaned.

#### Savings

- Being a low maintenance solution, the CE needs minimum downtime. This means continuous plant operations for you.
- The filter control system helps maintain a low pressure drop – helping you save both compressed air and energy.
- The filter module comprises 3, 4 or 5 rows, each with 7 cylindrical bags mounted on wire cages 3 m in length and 127 mm in diameter. Type CE 1 comprises 1, 2,4 or 6 basic modules, Type CE 2, an even number of 8-20 modules

#### Flexibility

- You can separate almost any kind of dust – fine, abrasive or explosive.



### Features

- Capacity: 1.500 – 75.000 m<sup>3</sup>/h
- Filter size (CE1): 24 – 252 m<sup>2</sup> filter surface
- Filter size (CE2): 322 – 885 m<sup>2</sup> filter surface
- Standard 4.5% vacuum (450 mmWC), CEH 10%, CEC 15%
- Pressure shock resistance (CEC): Up to 0,4 bar
- Works on both dry and sticky products
- Available in two support heights or as a bunker filter.
- Indoor installation with explosion vent following European standard EN14491 or the German guidelines VDI 3673

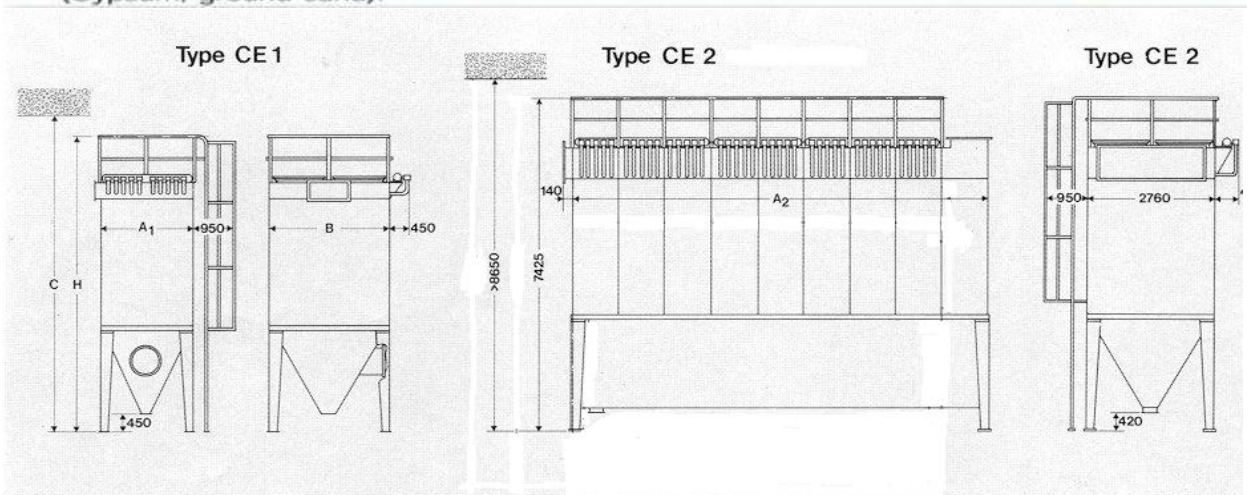
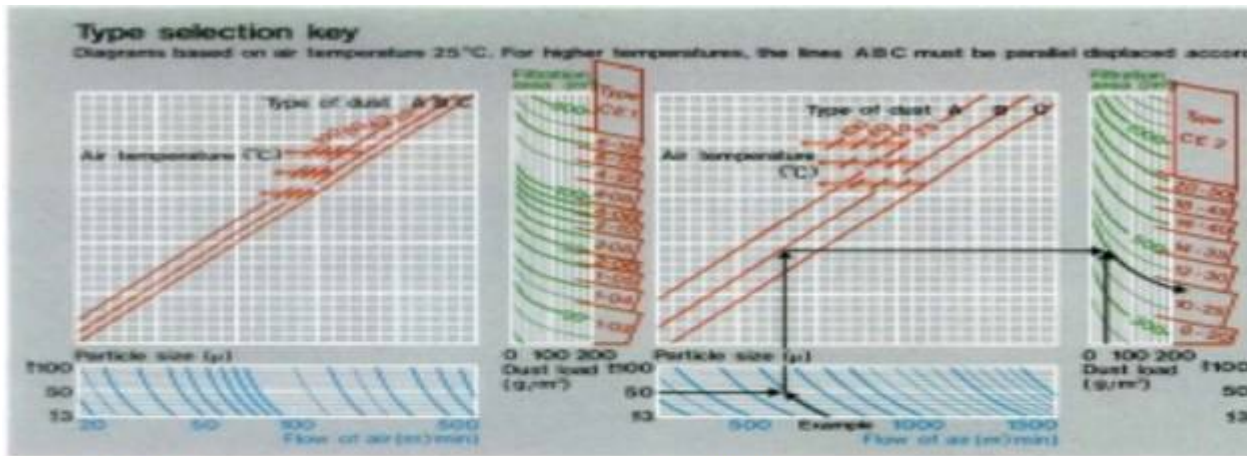
### Types and limitations:

Types:	Dust load:
CE1	<100 g/m <sup>3</sup>
CE2	<100 g/m <sup>3</sup>
CEH2	<700 g/m <sup>3</sup>
CEC2	<700 g/m <sup>3</sup>

### Industries we serve for emission control and product recovery (detailed industry segments on our homepage)

- Cement & Lime
- Food & Dairy
- Grain & Feed
- Speciality Powder
- Energy & Waste
- Chemical & Mineral resources

## Dimensioning:



Type CE 1						Type CE 2				
Size	Dimensions mm				Filtration area (m <sup>2</sup> )	Consumption of compressed air (Nm <sup>3</sup> /h)	Size	A <sub>2</sub> (mm)	Filtration area (m <sup>2</sup> )	Consumption of compressed air (Nm <sup>3</sup> /h)
	A <sub>1</sub>	B	C min.	H						
1-03	1120	1440	7450	5925	24	5	8-20	5120	322	70
1-04					32	7	10-25	6120	403	87
1-05					40	9	12-30	7120	483	104
2-06	2120	1440	7950	6425	48	10	14-35	8120	564	122
2-08					64	14	16-40	9120	644	139
2-10					81	17	18-45	10120	725	157
4-06	2120	2760	8550	7025	97	21	20-50	11120	805	174
4-08					129	28				
4-10					161	35				
6-12	3120	2760	8850	7325	193	42				
6-15					242	52				