

A miniature bag filter suitable both as a stand-alone solution and as an extension to central aspiration plants

The SimSpot miniature bag filter is a practical alternative to conventional central aspiration. The simple, functional design allows it to be easily installed on conveyors and bucket elevators.

Available with Pressure-Shock Resistance (PSR) of 0.7 bar, following the European standard EN14491.

Benefits

Savings

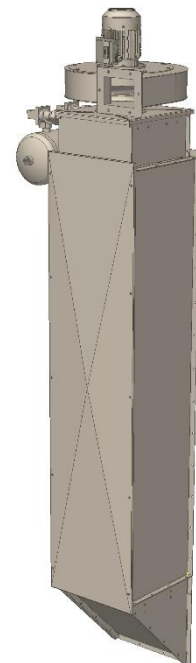
- The SimSpot filter with the built-in fan is in action only when the machine is working – giving you energy savings and your filter bags a long life.
- The SimSpot filter is also available without a built-in fan. This means that you can connect it to a large central fan to save energy.
- Being a low-cost and low-maintenance solution, the SimSpot filter offers you savings in the form of a low-cost of ownership.

Flexibility

- The SimSpot filter is suitable both as stand-alone solution and as an extension to central aspiration plants. You choose the option best suited to your needs.
- New machines that need dust aspiration are equipped with separate SimSpot filters. This means that you don't experience any interference with existing aspiration systems.

Safety

- In the event of a fire in a machine with a built-in SimSpot, the filter does not act as a connecting link to other machines. This gives your machines and plant an additional level of safety



Features

Ease of use

- Automatic pulse-jet cleaning
- Easy change of filter bags through a large inspection door
- Can be connected to a large central fan
- Simplified control of the aspiration system.

Effective design

- Built-in fan to automatically adjust the quantity of aspiration air depending on the extent of the leak to regulate automatic cleaning
- Large suction intake with low admission speed to minimise turbulence and circulation of dust
- An electric control unit with adjustable pulse and pause time

Sizes

- JM 3/-
- JM 6/- (available with PSR)
- JM 15/-

Applications

- Grain and feed industry
- Chemical industry
- Cement industry
- Food industry
- Brewery
- Paper industry
- Plastics industry
- Metal industry
- Fish feed industry
- Pet-food industry
- Recycling industry
- Wood industry
- Mineral industry
- Fertiliser industry

Subject to alterations

Available in different executions

SimSpot

- 2 mm galvanized plate - 2 mm stainless steel - 2 mm galvanized plate, powder-coated									Dimensions mm			
Filter type	No. of bags qty.	Bag length dm	Filter area m ²	Compr.air consumpt. NI/min.* **	Weight without fan kg	Weight with fan kg			A	B Vertical Inlet	B Horizontal Inlet	C
						CPS/R1	CPS/R1,5	DCT 1/DCT 2/DCT 3/DCT 4				
JM 3/14	3	14	1,5	20	62	93	95	-	725	1644	1414	396
JM 6/14	6	14	2,9	35	85	116	118	131	640	1834	1414	406
JM 6/19	6	19	4,0	35	100	131	133	146	650	2334	1914	406
JM 6/24	6	24	5,1	40	115	146	148	161	700	3024	2414	406
JM 15/14	15	14	7,4	100	157	-	-	203/212/233	700	2024	1414	646
JM 15/19	15	19	10,0	100	182	-	-	228/244/258/288	760	2524	1914	646
JM 15/24	15	24	12,6	140	215	-	-	253/269/283/313	790	3024	2414	646

*) Estimated figures, depending on the type of dust and the filter load (compressed-air quality acc. to ISO 8573 Class 3).
**) According to standard settings on the control for each filter size.

SimSpot Pressure-Shock Resistant (PSR)

- 3 mm galvanized plate - 3 mm stainless steel - 3 mm galvanized plate, powder coated							Dimensions [mm]			
	Number of bags	Bag length [dm]	Filter-area [m ²]	Compressed air consumption [NI/min]* **	Weight, without fan [kg]	Weight including fan [kg]		A	B	C
						CPS/R1.5	DCT1			
JM 6/14 PSR	6	14	2,9	35	105	136	151	1060	2137	406
JM 6/19 PSR	6	19	4,0	35	129	160	175	1060	2637	406
JM 6/24 PSR	6	24	5,1	40	162	195	208	1060	3137	406

*) Estimated figures, depending on the type of dust and the filter load (compressed-air quality acc. to ISO 8573 Class 3).
**) According to standard settings on the control for each filter size.

