

FILTERCOMM

**DUST &
SMOKE
COLLECTORS**



STARBUST



FILTERCOMM
STARDUST

Industrial filters for centralised solutions and high flowrates

State of the art **self-cleaning** dust, fumes and smoke collectors, available in 6 models, specifically designed for large machine tools or for centralised filtration solutions.

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STARDUST
WORKING PROCESS



1

Air entry:

The air enters a **calming chamber** which serves to slow down the air speed and enable the heavier dust particles to fall into a collecting bin fitted with wheels.

2

Main filtration:

The finer dust particles go upwards and through a section fitted with **folded cartridges with a wide filtration surface**, able to withhold the finest impurities. The cartridges maintain their filtration efficiency thanks to a compressed air counter-washing system which is managed by an extremely advanced cyclic programmer.

3

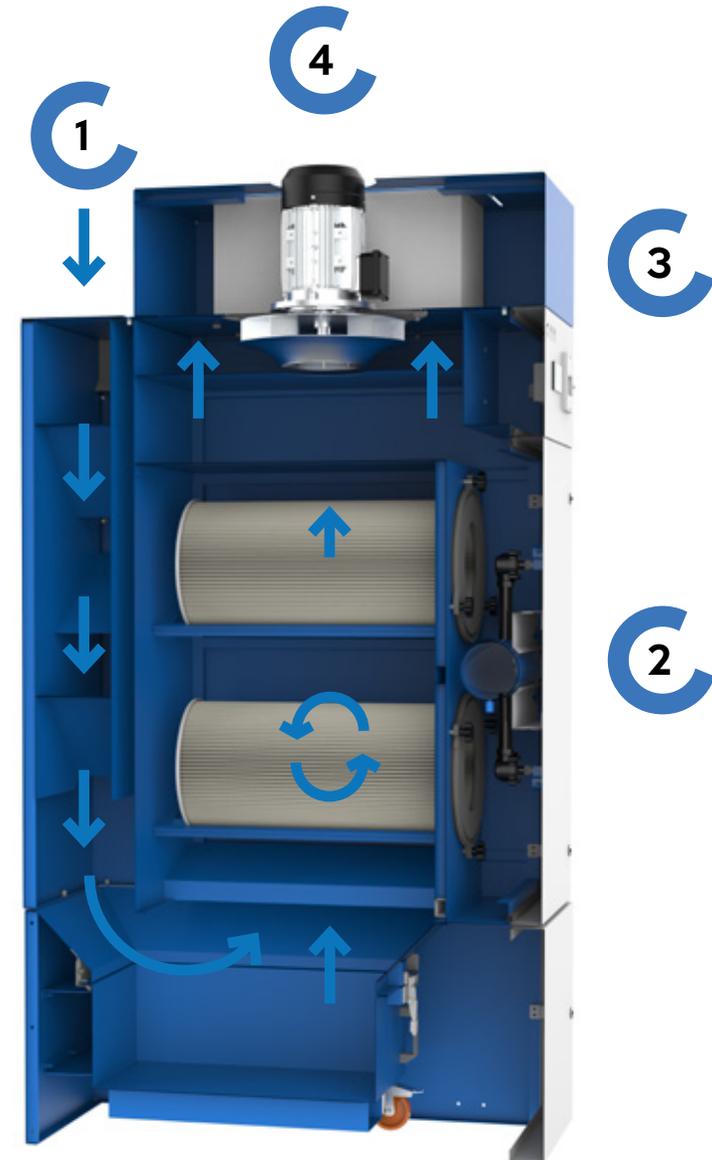
Post filtration (optional):

Absolute HEPA filter very high efficiency, H13 classification.

4

Air exit:

The clean air can be released back into the work environment or externally by means of an air expulsion chimney.





STARDUST ADVANTAGES



Filter monitoring:

Standard supplied with **an innovative electronic control** unit for continuous monitoring of the clogging status of the filter elements and for intelligent management of the cleaning cycles.



Certified filtration efficiency:

Filter elements for any type of application **certified according to IFA BGIA norms.**



SELF-CLEANING:

Stardust is maintained in perfect efficiency thanks to its automatic filter cleaning system.



CUSTOMISABLE:

Where required, Stardust can be equipped with a stellar rotary valve for continuous discharge of dust, as well as a variety of accessories and sensors for safety and diagnostics.



Installation on a single machine:

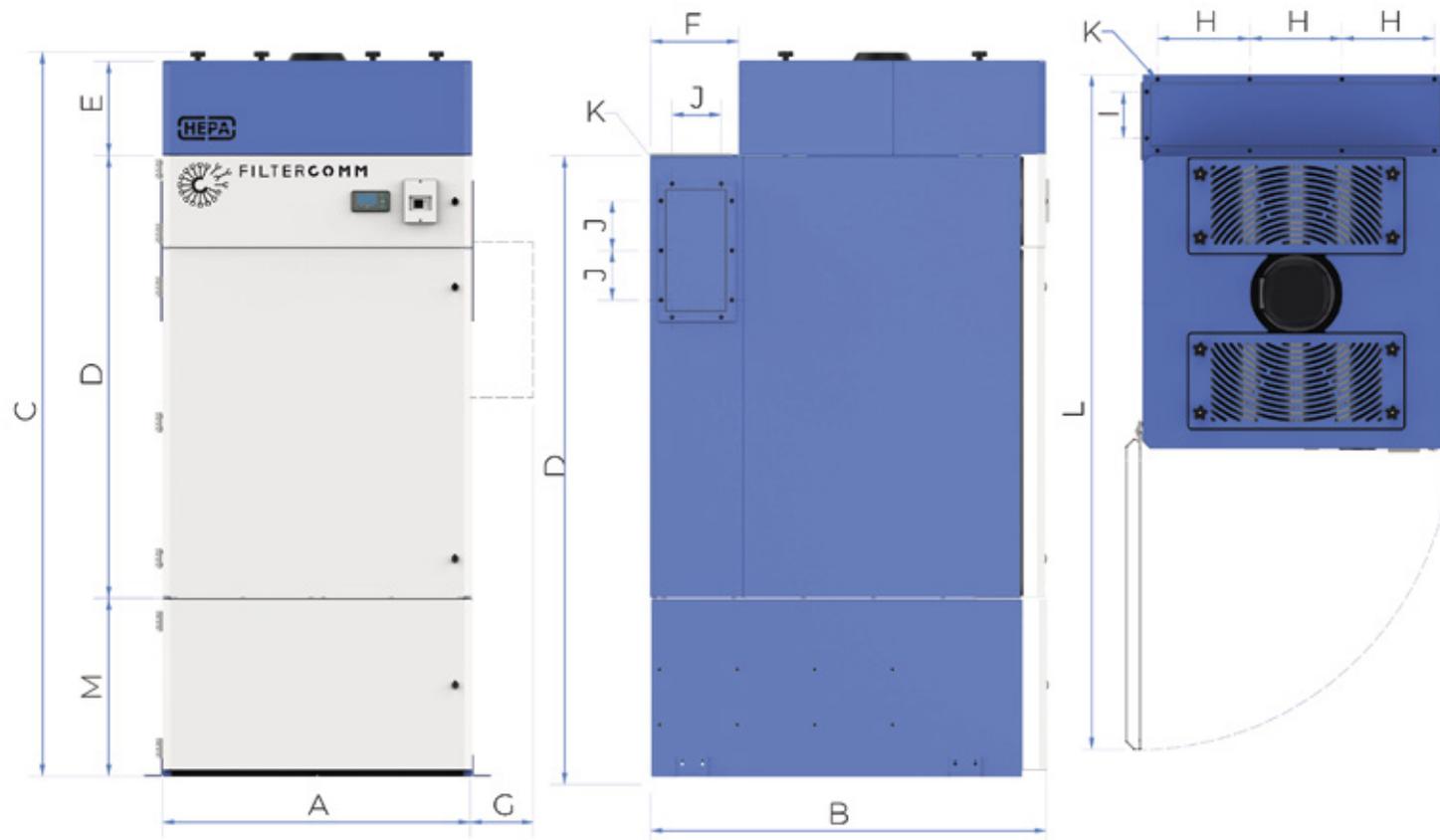
The Stardust range is ideal for installation on single large sized machine tools.

Centralised installation:

Stardust is also suitable as a centralised solution for multiple suction points at the same time.



STARDUST
TECHNICAL DETAILS



Stardust

A B C D E F G H I J K L M N

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1000 1275 2315 1413 300 286 0 300 150 160 M8 2660 570 1983

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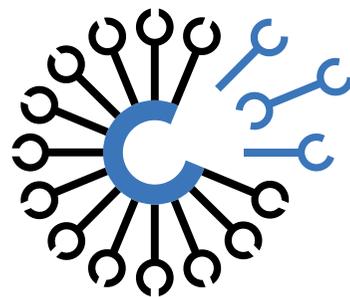
1450 1325 2345 1413 300 236 300 450 150 160 M8 2710 570 1983

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1450 1325 3010 1907 300 236 300 450 150 160 M8 2710 570 2477



Stardust	Max flowrate (m³/h)	Pressure (mm H₂O)	Cartridges (N°)	Filtration surface (m²)	Power (kW)	Weight (Kg)	Noise level w/out HEPA (dB)
2	2.500	250	4	48	2,2	365	<80
3	3.500	260	4	48	3	378	<80
4	4.500	270	6	72	4	491	<85
5	5.500	300	6	72	5,5	512	<85
7	7.500	270	9	108	7,5	868	<85
10	9.500	300	9	108	11	899	<89



all in one.