

MAS

Air shower for material

The operating principle is based on the [action of filtered air jets, HEPA degree](#), which at a 25 m/s~ speed cause the detachment of inert or inactive particles keeping them off of materials passing through the shower.

Material can pass through the shower in both directions with different procedures.

A [specific software](#) ensures the ideal process conditions.

The air shower can have glass doors with aluminium frame or rapid roll-up doors: it depends on the shower dimensions, the type of passing material and the type of handling.

Doors can be directed on request and, according to the access point, positioned on the front, at the corner or on three sides (3 doors version).



Options and custom building

- Stainless steel AISI 316L manufacturing.
- ATEX execution.
- Special filters: ULPA, activated carbon filters.
- Sliding doors.
- Equipment in support of material inserting (stainless steel or aluminium pallets, autoclavable trolleys, roller conveyors, rotating platforms).
- Ionisation system.
- Special dimensions on request.
- All models are available in *Safety* version, with BAG-IN/BAG-OUT system for filters replacement in safety canister (e.g. high potency dept., hormones production, etc.).

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Material	Stainless steel AISI 304
External dimensions WxDxH (mm)	2000x2000x2850
Internal dimensions WxDxH (mm)	1580x2000x2000
Doorway passage WxH (mm)	1400x2000
Control system	PLC Siemens
Air jets speed	25 m/s
Nozzle position	No. 16 in the corners, No. 5 on the upper wall
Inlet filtration	HEPA filter, classification CEN EN 1822-H14 efficiency 99,995%
Exhaust filtration	Prefilters G4
Internal lighting	LED
Power	400V 50Hz 4,5kW

