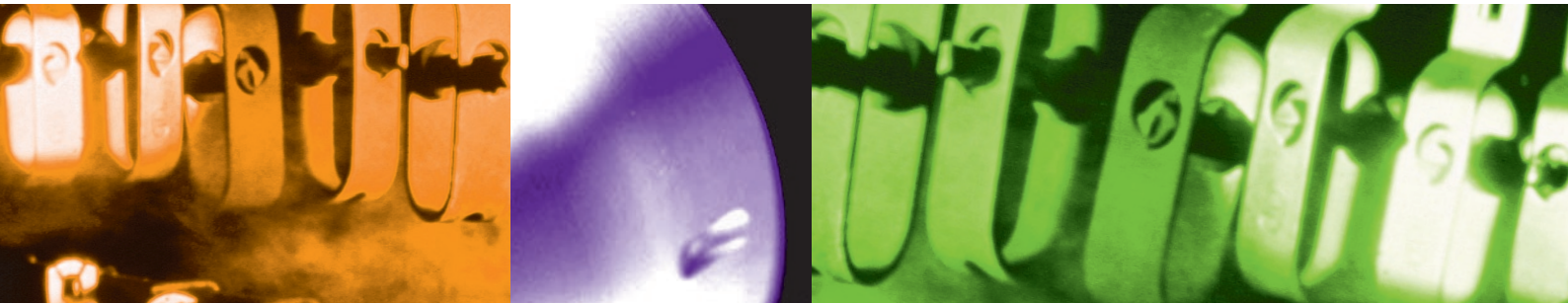


ManuCompact

[Manual modular booth for electrostatic powder coating



USES

The ManuCompact booth has been designed by Sames to equip manual powder coating installations. Ideal for limited spaces, the ManuCompact booth is perfect for small and medium production series.

It is also extremely useful for application on prototypes and samples and on parts moving along a conveyor.

It can powder coat objects as big as 1.2 m in height, 1 m in width and 0.65 m in depth.

ADVANTAGES

To give you entire satisfaction, Sames has made this booth compact, mobile and adaptable to an automatic line.

Optimum safety and comfort

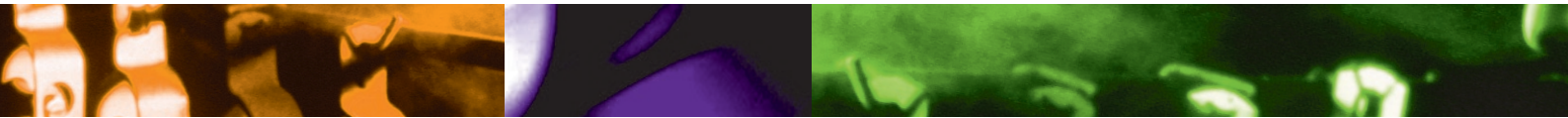
The perfectly regular horizontal air flow and low noise level of this installation contribute to making the work zone atmosphere very agreeable.

- For simplified use, the control cabinet integrates all electric and pneumatic functions and the pressure drop and cartridges unclogging read-out.

Sturdy construction and appropriate technology

- Because of its compact design and need for less floor space, the ManuCompact booth fits easily into work shops and automatic lines.
- The ManuCompact booth can be integrated rapidly into the customer's production outfit thanks to its easy mobility and fast and simple connections.
- Made of stainless steel, the ManuCompact booth from Sames only requires minimum maintenance and upkeep.
- When the ManuCompact booth is used with a single colour, extra powder is recovered.





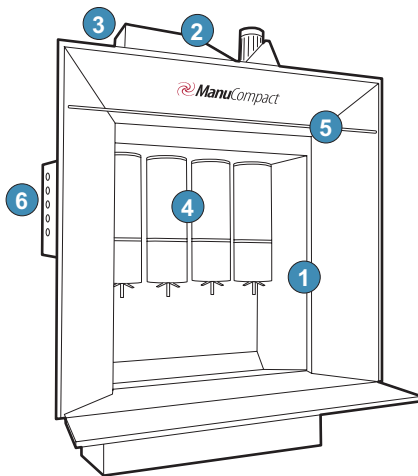
DESCRIPTION AND WORKING PRINCIPLE

The ManuCompact booth unit comprises, the powder enclosure (1), a ventilation-filtration system (2), an unclogging system (3) and cartridge filters (4) to recover extra powder. These elements represent the essential environment for operating application equipment.

Individual or groups of parts are hung on a bar (5) and coated in the central zone.

A horizontal air flow prevents the powder from polluting the area outside the powder enclosure. Recovery of the powder residue is ensured by four filter cartridges. Unclogging of these cartridges is done at regular intervals by means of a counter current of pressurised air in the ventilation circuit. There is a large capacity plastic hopper on rollers for the powder.

The ManuCompact booth's control cabinet (6) holds the unclogging function. The electrical and pneumatic connections are "fast connecting".



Sames Technologies
 13, chemin de Malacher Inovallée - B.P. 86
 38243 Meylan cedex - France
 Tél. 33 (0)4 76 41 60 60 - Fax. 33 (0)4 76 41 60 90
www.sames.com

TECHNICAL CHARACTERISTICS

| Booth | Work part | |
|----------------------------|----------------------------------------------------------|---------|
| Overall height | 3117 mm | 1200 mm |
| Working surface | 460 mm | |
| Width | 2240 mm | 1000 mm |
| Depth | 1500 mm (table folded) 1900 mm (table unfolded) | 650 mm |
| Powder hopper | 2000 mm | |
| Weight | 450 kg | 30 kg |
| Filter cartridges | 4 | |
| Air flow | 4500 m ³ /h | |
| Filtering surface | 80 m ² | |
| Power installed | 5 kVA | |
| Ventilator power | 3 kW | |
| Compressed air consumption | 18 Nm ³ /h at 5 bar | |

OPTIONS

In sheet metal adapted for use on automatic line.
 With hanging portico for specific parts.

REGULATIONS

- CE epsilon II 3D/ IP65 / T200°C/ -10°C < Ta < 40°C
 - Nota: The purified air must be rejected outside the building where the cabin is installed, while complying with the rules of environmental protection.

