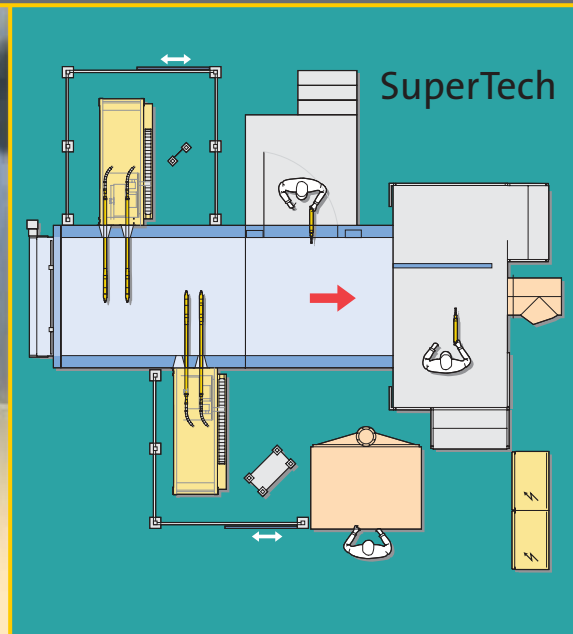


SuperTech plastic booth for multi-colour operation



Compact and practical – powder changes from 5 minutes!



SPACE SAVING

WALK-ON BOOTH FLOOR

MANUAL COATING STANDS

WAGNER

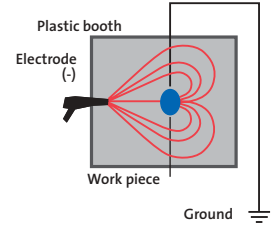
www.wagner-systems.com

As short as possible – for the quickest colour changes

From black to white in 4-5 minutes with 2 personnel (depending on booth length)

Whether fully automatic powder coating, or alternating tasks with pre- and/or after coating, SuperTech provides all the options. The optimal physics of the plastic sandwich construction ensures minimal powder adhesion to the walls and supports the best powder application onto the work piece.

Passivating electrode effect due to the sandwich construction

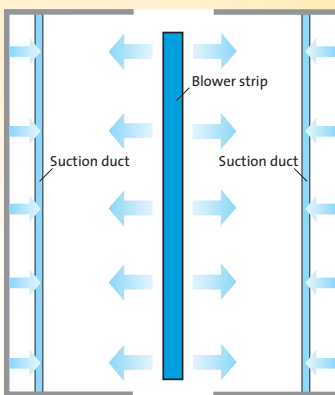


The ideal structural shape for powder coating

Compact, with **no supporting frames and no pit excavation**. Rectangular booth shape – **also suited for horizontal gun arrangement**. No powder deposits on the floor – fast booth cleaning and economical use of material. SuperTech combines these benefits, and that's not all:

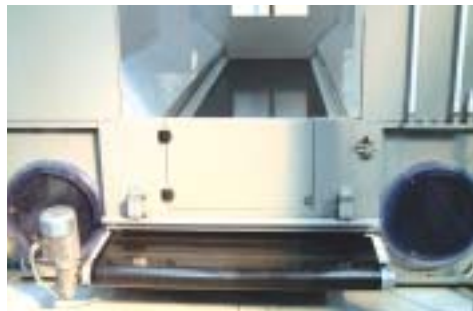
- Pre- and after coating stands are provided
- Blow-out device for the integral booth floor. This keeps the floor clean and blows the powder into the extraction slot

- Powder extraction belt as an option. This continuously transports the over-spray powder into the powder recovery system
- The floors of the booth can be walked on, facilitating cleaning and maintenance work
- Excellent illumination of the booth and manual coating stands
- Extraction of over-spray on both sides throughout the length of the booth. This creates a uniform air speed and good coating
- High application effectiveness due to low booth floor and vertical airflow
- No powder deposits thanks to optimisation of the air flows in the extraction channels (Twister effect)



← Fixed integral booth floor with blow-out device

Floor with powder extraction belt →



Convenient manual coating stands



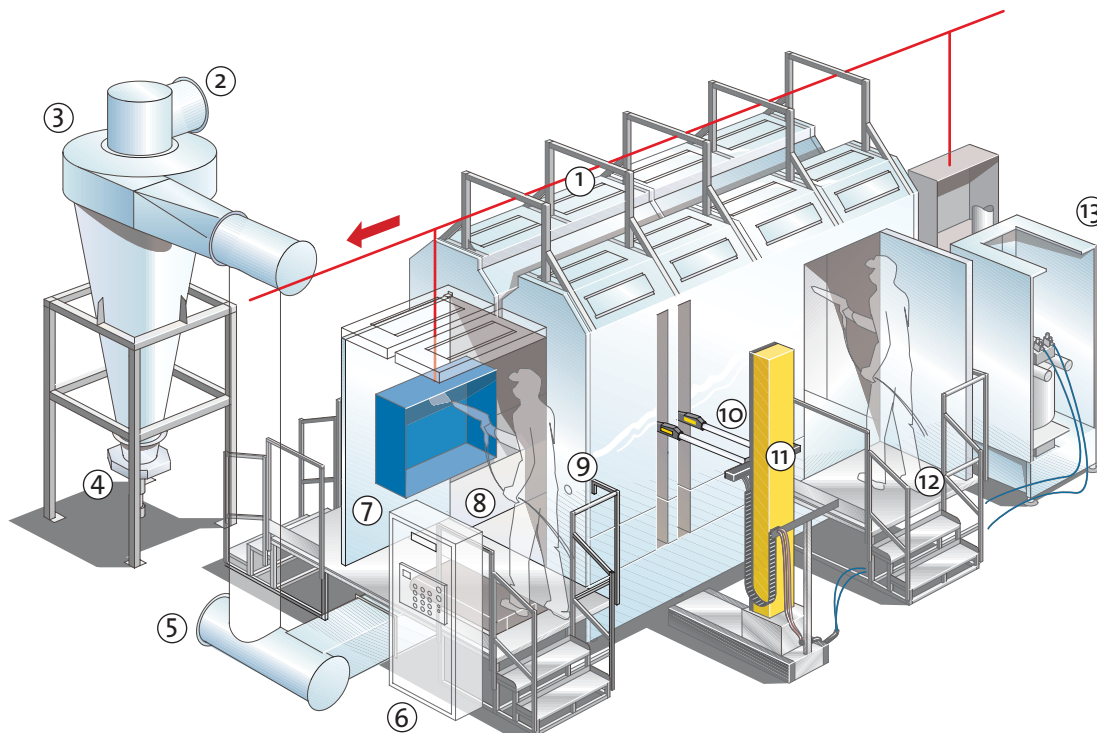
When planning the powder booth, the hand coating stands should also be taken into account:

- Manual coating stands possible at either end as an option
- Side manual coating opening with doors alternatively or in combination
- The manual coating stand at the end has a hinged wall, which at the same time is used to shut off the flow line opening when changing the colour

- Manual coating stand also available with reversible stop (opening left or right)
- Each manual coating area has additional illumination
- Gun holder integrated into the booth wall



SuperTech – practical design for a variety of tasks



Key

- | | |
|--------------------------------|---|
| ① Very good booth illumination | ⑧ External manual coating stand |
| ② To the after-filter | ⑨ Parking location for manual gun |
| ③ Cyclone | ⑩ Powder spray guns and blow-out device |
| ④ Powder recovery | ⑪ Reciprocator |
| ⑤ Self-cleaning suction system | ⑫ Integral manual coating stand |
| ⑥ Control cabinet | ⑬ Powder centre |
| ⑦ Reversible working direction | |

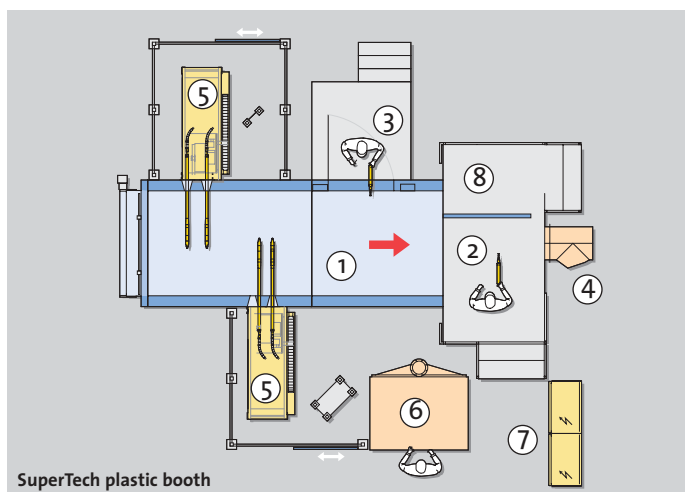
Note:

In practice, reciprocators are made safe with a barrier.

Small, compact, fast

Small and fast

The basic thinking behind this booth system can be traced back to this short phrase. Compact dimensions in combination with intelligent detail solutions for all modules bring more productivity on a smaller area with a better coating result.



SuperTech plastic booth

Compact construction:

- No pit required
- Bottom edge of work piece from 900 mm
- Integral conveyor guard panels prevent contamination of the conveyor and allow short hook lengths
- Low conveyor level

- Optimises the production run by avoiding gradients and minimising work-piece spacing
- Space-saving pipe installation for powder recovery

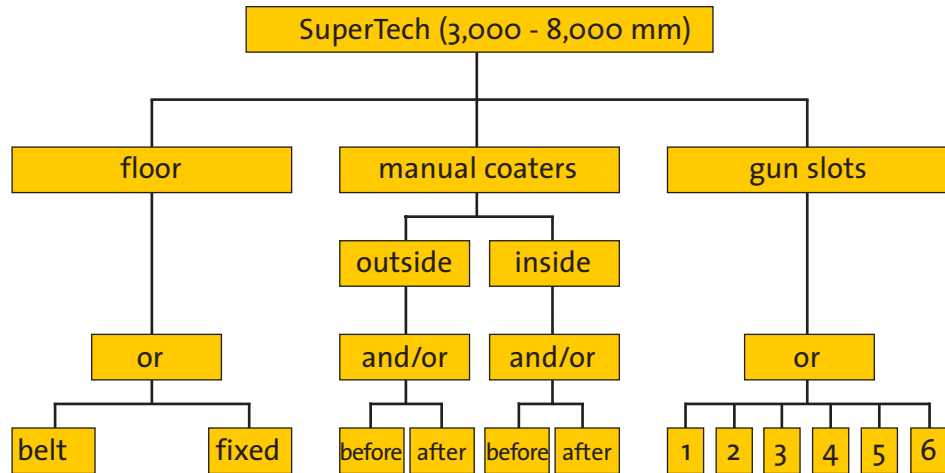
Key

- | | |
|--|-------------------------------|
| ① Powder extraction belt or fixed floor | ⑥ Powder centre |
| ② External manual coating stand | ⑦ Control cabinet |
| ③ Integral manual coating stand | ⑧ Click-clack door (optional) |
| ④ Extraction for the cyclone | |
| ⑤ Automatic reciprocators with automatic powder guns | |

The right concept for every coating task

Modular construction of the peripheral systems

The Wagner plastic booths allow all current system components to be combined. All components are replaceable and can be integrated 100 % into the Wagner module concept.



Optimising production

The decision on which booth is ideal for which requirement depends of course on the various individual requirements and processes. Thanks to the high level of flexibility and variability of the Wagner systems, it is possible to adapt them to suit all customer requirements.

The practical powder supply for multi-colour operation

- Powder circulation operation
- 2 vibration tables for light/dark operation, optional
- Simple operation through a control panel
- Option of integral powder extraction, 4,000 m³/h airflow.
- Automatic fresh powder dosing with level monitoring

Technical data

SuperTech plastic booth	
Air extraction rate	12,000 m ³ /h - 28,000 m ³ /h
Work piece widths	600 mm, 800 mm, 1,000 mm
Work piece heights	1,400 mm - 2,200 mm
Bottom edge of work piece	from 900 mm
Internal length	3,000 mm - 8,000 mm
Manual coating	Can be combined by choice
Automatic slots	1-6 per side
Mono cyclone and after-filter	12,000 - 28,000 m ³ /h

Complementary system components for the powder circuit

- Mono cyclone
- After-filter systems
- Sieving machines
- Powder centres
- Cleaning accessories

Complementary system components for the powder application

- Control cabinets
- Automatic XL powder guns
- Manual powder units
- Movement technology
- Sensing and recording systems



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