



## ID-Manual booths

POWDER COATING MADE EASY



- Versatile
- Powerful
- Economical

## From small production runs to industrial manufacturing

Economical coating equipment and professional coating results play a major role when selecting a powder coating system for trade and industry.

Quick color change, utilizing paint by reducing waste material and compliance with safety regulations are important factors that contribute to the high performance of WAGNER ID-Manual booths.



## The ID-suspension booth – for small and multi-coloured coating tasks

The ID-suspension booth is ideally suited for the coating of individual parts or small production runs and also works extremely economically in mixed colour mode. The workpieces are hung at the front and coated manually.

### BENEFITS FOR THE USER:

- Large coating opening, optimal utilization of the size of the object
- Smooth interior, easy to clean
- Large service opening at the rear
- Simple operation
- Short powder cycle, safeguards the powder
- Energy saving air circulation, the extracted air is fed back into the workspace
- Economical in mixed powder mode for individual colours

### MAIN FEATURES:

- Spraying opening (W x H) 1.440 x 1.530 mm
- Ideal for small to medium sized workpieces
- Integral generous lighting for maximum safety and convenience
- Stainless steel floor plate
- ID-booths fulfill ATEX guidelines
- Everything integrated and from a single source! Powder recovery, preparation and supply!
- Closed powder cycle with 100% recovery
- High suction performance of 4.000 m<sup>3</sup>/h, horizontal conduct of the air
- The large extraction grid avoids powder bounce-back and provides clean working conditions
- Booth and powder container, both mobile
- Generous practical booth lighting (for suspension booth and transfer booth)

# The WAGNER ID-booth range

## Variations to meet customer requirements

Depending on the production process and the number of colours, the individual needs of customers can be met with the different booth types and expansion stages offered.



### THE POWDER SPRAY STAND – FOR PARTICULARLY LARGE ITEMS

The powder spray stand works well when normal and large items have to be coated. The inclined air guide plates ensure good overspray recovery and fast cleaning.

- Suitable for coating large items
- Inclined air guide plates to steer the air flow
- Small set up area
- Suitable for integration into a workpiece conveyor system
- Stainless steel floor plate
- ID-booths fulfill ATEX guidelines



### TRANSFER BOOTH – FOR COATING SMALL AND LARGE PRODUCTION RUNS

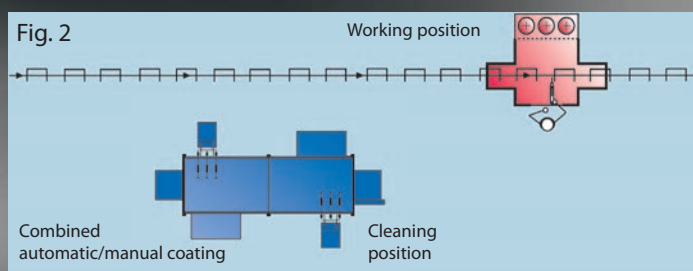
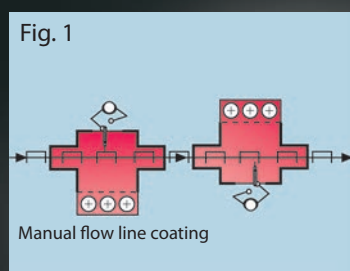
Small and large production runs can be coated extremely economically in the flow line operation.

- Suitable for use as a single booth for manual and automatic operation or as an alternative booth for special colours
- Conveyor slots and vestibuls
- Integral lighting
- Stainless steel floor plate
- For more coating power: a 3.500 mm long version of the booth with two coating openings
- ID-booths fulfill ATEX guidelines

# The versatile application possibilities of ID-booths

## ID-booth systems offer optimal application technology for all areas of use

Figures 1 and 2 show applications for two sided manual coating and a combination of manual and automatic coating. Especially suitable for special colours: A combination of the mobile ID booth and automatic coating equipment.



## Installations in many countries throughout the world continuous operation around the clock—

WAGNER's decades of experience in powder coating speak for themselves. The rugged modular construction of WAGNER booths makes it easy to adapt to the individual finishing needs of our customers. Technology and know-how - everything from a single source! WAGNER's excellent powder coating results and satisfied customers says it all.

### TECHNICAL DATA

| Equipment features                                 | Suspension booth | Powder spray stand | Transfer booth | Transfer booth 3500 |
|--|------------------|--------------------|----------------|---------------------|
| Integral lighting                                  | yes              | no                 | yes            | yes                 |
| Powder containe                                    | yes              | yes                | yes            | yes                 |
| Recovery   | yes              | yes                | yes            | yes                 |
| Deflector grid                                     | yes              | yes                | yes            | yes                 |
| Fixed castors                                      | yes              | yes                | yes            | yes                 |
| Sieving machine and fluid bed for circulation mode | yes              | yes                | yes            | yes                 |
| Polyester fleece cartridges                        | yes              | yes                | yes            | yes                 |

| Equipment features         | Suspension booth        | Powder spray stand | Transfer booth | Transfer booth 3500 |
|----------------------------|-------------------------|--------------------|----------------|---------------------|
| Total air flow             | 4.000 m3/h              |                    |                |                     |
| Total filter area          | 30 m2                   |                    |                |                     |
| Power rating               | 2,2 kW                  |                    |                |                     |
| Current supply             | Three phase 380 V/50 Hz |                    |                |                     |
| Compressed air requirement | 20 Nm3/h                |                    |                |                     |
| Inlet air pressure         | 6-8 bar                 |                    |                |                     |
| Powder container           | 80 l                    |                    |                |                     |

| Dimensions             | Suspension booth | Powder spray stand | Transfer boot | Transfer booth 3500 |
|------------------------|------------------|--------------------|---------------|---------------------|
| Width in mm            | 1.500            | 2.500              | 2.500         | 3.500               |
| Depth in mm            | 1.900            | 1.900              | 1.900         | 1.900               |
| Height in mm           | 2.485            | 2.485              | 2.485         | 2.485               |
| Drain size W x H in mm |                  |                    | 500 x 1.530   | 500 x 1.530         |

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