



POWDERTECH

Quality + Competence since 1959



Electrostatic and pneumatic machines for a dust-free and finely dosed powdering of cables, wires, hoses, profiles and belts with powdering agents such as talc, stearate, swelling powder, graphite, water-repellent powder etc.

quick | even | dust-free

POWDERING

with high precision

This machine combines knowledge and development from 1959 to 2019. Due to the completely new development of the electrostatics and the filter system, it was possible to further simplify the machine and to reduce the losses of the e-statics as well as the maintenance costs and to further improve the known high powdering quality. As with the old models, air consumption is reduced by 2/3 compared to competing machines.

The product to be powdered will be dusted evenly and all around by means of one to four electrostatic powder pistols or by pneumatic powder nozzles.

The electrostatic charging not only produces a very even layer of the powder on the surface, but also ensures a strong adhesion to the product. Due to our patented and successfully tested filter system the powder is kept in the powder chamber.



- ✓ Completely new developed e-static system
- ✓ Significant reduction of powder loss
- ✓ Absolutely dust-free operation
- ✓ 1-4 powder pistols, 100 kV each pistol (real) or 1-4 pneumatic nozzles
- ✓ "Easy Change" filter system
- ✓ Better cleaning results, less wear parts
- ✓ Speed up to 1500 m/min.
- ✓ Optionally powder flow indicator
- ✓ Optionally free-standing powder chamber
- ✓ Optionally 90 l powder hopper
- ✓ Optionally fine dosing unit
- ✓ Poka Yoke principle for pistol spare parts

FEATURES

quick • clean • dust-free • precise

MACHINE COMPONENTS

individual • flexible • precise



100 kV powder pistol

Newly developed pistol system, optionally with pistol cleaning system to reduce wear. With removeable baffles for different sizes of powder jets.



Control / operator panel

Completely new developed e-static system as well as revised control unit and operator panel including set-actual comparison.



Filter system

Completely revised filter system, now with "Easy Change" system for quick and smooth replacement.



Powder chamber

Made of polystyrene or steel, firmly mounted or free-standing.



Powder fine dosing

For a perfect powder dosing at low extrusion speed a continuously adjustable powder transportation will be mounted as an option. This unit makes sure that only a breath of powder is transported to the pistols.



Powder flow indicator

Powder flow control with potential-free outlet, alarm lamp.



Powder refilling hopper

Optionally an automatic 90 liter powder refilling hopper can be supplied. This powder hopper is connected with the machine by 3 m long hoses. Control by means of a level sensor in the machine. This cart can also be used for dry storage of powder.

TECHNICAL DATA

POWDER COATING MACHINE

Range of diameter	up to 80 mm - standard powder chamber max. 140 mm – special powder chamber
Belts / profiles	max. 550 m width, 400 mm height
Electrostatics	80 kW each pistol without losses
Pistols	1 – 2 / standard powder chamber 1 – 4 / special powder chamber
Jet pumps	1 – 4
Compressed air	from 6 bar
Filling volume	18 l
Speed	up to 450 m/min. – standard powder chamber up to 1500 m/min – special powder chamber
E-connection	0.4 – 1.2 kW side channel blower
Operation voltage	country-specific
Dimensions	<u>Machine</u> Depth: 1.140 mm, Width: 800 mm, Height: 1.942 mm <u>Powder hopper</u> Depth: 540mm, Width: 500 mm, Height: 840 mm
Weight	Machine 330 kg, powder hopper 35 kg

LOCATION REINFELD



MANUFACTURING LOCATION

SPECIAL MODELS

We offer a number of special solutions as modular system, i. e.:

- ☑ extra small powder chambers
- ☑ powder chambers before stranding
- ☑ free-standing powder chambers
- ☑ powder chambers without E-Static
- ☑ HMI/touch screen solutions
- ☑ various interfaces
- ☑ and much more



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