

## Product description WIRE 2018



### Powder coating machine - model RSC

The RS POWDERTECH powder coating machine, model RSC, was designed for an even, finely dosable and absolutely dust-free powdering of cables, wires, hoses, profiles with powders like talc, stearate, lac powder, swellable powder etc. The machine is able to powder diameters up to 200 mm as well as tapes up to 500 mm width.

Due to the electrostatic charging of the powder a strong adhesive power on the product and a very even layer on the surface is reached. The electrostatic also makes sure that no powder falls from the product outside of the dusting chamber. Transport of the powder takes place by means of dried compressed air. We can offer machine with electrostatic but also supply with only 2 or 4 powder nozzles is possible, depending on application.

For powdering hoses, profiles and tapes made of rubber mostly a machine without electrostatic is used, but with 2-4 pneumatic powder nozzles.

In the machine there is a fluidized powder hopper out of which the powder is sucked by pneumatic Venturi pumps and blown into the guns.

For an optimal adjustment of the powder quantity you can adjust the power of the electrostatic charging from 0-100 kV, the powder quantity and the speed of the dust cloud. Depending on the product the powder gun can be equipped with different powder nozzles.

In the machine there is a fully automatic and maintenance free filter system which is no longer cleaned off by blowing in compressed air. Thanks to this filter system a strong and constant vacuum is generated in the machine, which guarantees that no powder will escape into the ambient. Inlet and outlet openings of the dusting chamber do not have to be sealed by brushes etc.

If there is not enough space in the line to place the machine we are able to deliver a free standing dusting chamber which is connected to the machine by hoses of max. 3 m length. For an extremely fine powdering of slowly running products we provide as an option a fine dosing device to make sure that only a breath of powder is transported to the guns.

We deliver a wide range of options adapted to your specification.

As accessories we deliver for example a 90 l powder hopper, a powder flow indicator, giving an alarm if there does not enter any powder into the powder guns, an automatic control of the electrostatic and pneumatic according to extrusion speed as well as interface to connect the machine with the line.

The machine will be presented in function with powder.

**WIRE Dusseldorf 16 – 20 April 2018 - hall 12 - stand 12A48**



#### NEW ADDRESS:

Grootkoppel 16 · 23858 REINFELD/HAMBURG

☎: +49 40 679942-0 • 📠: +49 40 679942-11

@: [info@schlicht-gmbh.de](mailto:info@schlicht-gmbh.de) · [www.schlicht-gmbh.de](http://www.schlicht-gmbh.de)

Geschäftsführer:  
Lars Bochmann  
Heiko Heynen

Sitz der Gesellschaft: Reinfeld  
Amtsgericht Lübeck HRB 17274  
USt-IdNr.: DE118684238

HypoVereinsbank Hamburg  
IBAN: DE62 2003 0000 0001 5088 11  
BIC: HYVEDEMM300