

January, 2020

## Product information powder coating machine

### **RS POWDERTECH** model RSC-NG

(ROLF SCHLICHT COATING-NEXT GENERATION)

The new **RS POWDERTECH** machine, type **RSC-NG**, was designed for even, finely dosed and absolutely dust-free powdering of e.g. hoses and profiles (up to 400 mm width), strips and cables up to a diameter of max. 160 mm. Different powders such as talc, stearate, lacquer powder, swelling powder, graphite etc. can be used.

In addition to a newly developed filter system and a completely newly developed electrostatic system, some other small improvements have been incorporated. The changes will contribute to an improved powder result, better handling and higher ease of maintenance and lower maintenance costs.

The **new filter system** has better cleaning results and is designed for a longer filter life as well as easier, faster and cheaper maintenance. Spare parts costs are reduced.

The new system is simplified. This enables the integration of simple parts with less susceptibility to wear and failure.



The **E-statics** is a **completely new development** and corresponds to the state of the art in surface coating technology. It shows a reduction in wear parts in the pistol as well as a longer service life of the cascade and continuously high voltage and therefore reliable charging without losses. The cascade is designed so that the full nominal output is available even on two to four pistols.

The pistols are made of stronger material and are much more stable than the previous models. The risk of electric shock due to incorrect installation of the guns after maintenance has been significantly reduced.

The gun is equipped with a flushing / cooling system that is controlled automatically. This reduces wear.

Compared to all previous generations, the new system has a significantly lower loss of power at the E-static due to its design. It offers full power per gun even with two up to four guns. In the old generation, the power was divided between two pistols.

1/2

With an additional switch, the E-statics can be switched off completely while the machine is running. A flashing light indicates whether charging is still in progress. The settings are made by specifying the target / actual value. It can be read whether the set values are reached.

As in the past, we attached great importance to longevity. It is therefore also possible to convert existing machines to the latest generation of E-statics as well as to the new filter system.

The machines are offered in a modular system. By customizing to the customer's application, almost all products can be powdered. Special solutions are possible at any time.

A number of options are offered to adapt the machine to the requirements of the process.