

SIMPLE POWDER HANDLING

The Powder Centre – the key to a quick and clean powder change



The advantages of the Powder Centre at a glance:

- Designed for quick colour changes
- Using the powder directly from the original container
- Use of a fluidized hopper for working difficult powders
- An independent exhaust air system prevents powder escaping
- An even powder output due to level-controlled injectors
- Automatic internal cleaning of the injectors, hoses and guns
- Optimum powder quality due to built-in sieve machine

The Powder centre

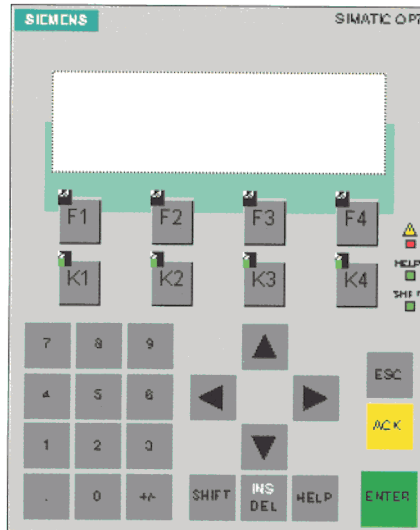
The powder centre is designed for quick and simple colour changes. Clean and simple working of the powder contributes to a large degree to high quality coating results.

The powder is normally used directly from the manufacturer's original 25 kg container; however a special fluidizing container is available for use with especially difficult powders, preventing the separation of the powder. Level-controlled injectors ensure an even powder output of the powder guns. An acoustic signal reminds the operator to replace the container when there is no more powder.

The powder centre's independent exhaust air system guarantees a clean working environment, in both normal and cleaning operation. The internal cleaning of the suction tubes, injectors, powder hoses and guns takes place automatically. The suction in the powder centre prevents contamination of the environment when external cleaning of the powder hoses, suction tubes and injectors is done manually with compressed air. The wear-free sieve machine, built into the powder centre, ensures carefully handling and perfect quality of the recovered powder.

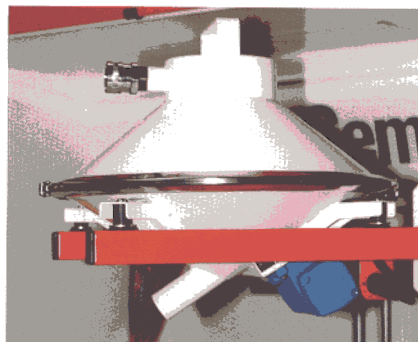
As an option the powder centre can be fitted with a fresh powder supply system for longer single colour operations. Also as an option, we recommend the use of a second powder hose set for very high quality requirements.

The Control unit



Control of the powder centre is done through an integrated PLC control unit. An operator panel is used to control the powder centre. The panel has four lines of text, with which the powder centre is easily and simply operated.

The Powder sieve



The integrated Powder sieve ensures optimum quality of the recovered powder.

Technical Data:

Width:	1,330 mm
Depth:	1,790 mm
Height:	2,370 mm
Weight:	approx. 650 kg (according to equipment used)
Voltage:	3 x 400 V
Frequency:	50/60 Hz
Protection:	IP 54
Compr. air:	6–10 bar
Consumption:	approx. 300 Nm ³ /h (according to equipment used)
Air volume:	approx. 3,000 Nm ³ /h

ITW Gema AG
Mövenstrasse 17
CH-9015 St.Gallen
Switzerland

Tel. (+41) 71-313 83 00
Fax (+41) 71-313 83 83