

OptiCenter

fast, clean
and superb coating results



The new generation of powder management systems has a name: OptiCenter. With its quick and dust-free operation, it enables excellent coating results. OptiCenter is a new modular concept which is suitable for both stand-alone operation and for integration with gun, axis and booth control.



OptiSpeeder II

Efficient powder management

The core piece of this new powder center is the OptiSpeeder II. This unique container concept completely prevents powder loss through fluidization. This means that the environment of the OptiCenter remains dust-free and thus pleasant for the user. Control of the completely closed powder is fully automatic and precise. This enables extremely low powder consumption and leads to excellent coating results.

Better coating quality

The OptiSpeeder II also features a new injector of the type IG06-P. The intake angle is opened to 135°, thereby supporting regular powder flow with little wastage and air consumption. The OptiSpeeder II is equipped with an automatic fresh powder supply and a powder level control system which ensures a constant powder quantity in the container. The intake pipes of the OptiSpeeder II are much shorter than in the conventional powder center. These features translate into an even smoother powder flow and better coating results.



Injector IG06-P



Application flexibility

The application range of the new OptiCenter is extremely wide. Depending on requirements, the system can be supplied either as a stand-alone product or with integrated gun, axis and booth control. It is available as OC01 with a keyboard unit or as OC02 with a touch screen. The design of the OptiCentre is especially compact, and the control elements can be flexibly mounted either on the right or left. This not only makes for space-saving but also for ergonomically optimal solutions.

Dimensions (stand alone)		Powder data	
Width	1100 mm	Minimum quantity required	2 kg
Depth	1400 mm	Maximum quantity possible	5 kg for up to 24 guns 6 kg for up to 30 guns
Height	2100 mm	Powder flow rate	230 g/min per gun
Weight	400 kg	Powder recovery	approx 3.5 kg/min (Cyclone – OptiCenter)
Electric data		Pneumatic data	
Nominal input voltage	230 V / 50/60 Hz	Inlet pressure	6–8 bar
Connected load	500 W	Compressed air consumption during coating	5 Nm ³ /h
Protection class	IP54	Compressed air consumption during cleaning	20 Nm ³ /h per gun 300 Nm ³ /h for 5 minutes



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