

Application Success Stories

JOBA Recycling Containers & Job Coating



JOBA

GRUPPE

www.jo-ba.de



Future proof

Powder savings

Flexibility

Application Success Stories



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Technical Data

Parts: Recycling Containers & Job Coating

Parts size: H 2'100 mm
W 1'000 mm
L 3'000 mm

Conveyor speed: V 1,8 m/min

Scope of delivery:

- 1 x OptiFlex® AS06 – 14-P
- 12 x OptiGun® GA03 – 1300 automatic gun
- 2 x OptiSelect® GM03 manual gun
- 2 x ZA07 – 23 axis with XT10 – 12
- 1 x MagicControl CM30 control system
- 1 x OptiCenter® OC02 with 14 x powder injectors
- 1 x MagicCompact® EquiFlow BA04 powder booth
- 1 x OptiFeed BigBag for waste powder



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The two pillars of JO-BA in Bremen are the development and production of recycling systems for textiles and contract coating. The old automatic system consisted of mixed components from different manufacturers and could no longer meet the requirements in terms of coating quality and working conditions.

A new powder coating plant was planned for 2013. This should be in use for the next 20 years, be flexibly applicable and come from a manufacturer who can ensure service and a supply of spare parts over such a long period of time.



These reasons convinced JO-BA to choose Gema as supplier.

The best solution for JO-BA was a quick color-change system BA04 MagicCompact. The system was planned with over-dimensioned after-filter and cyclone. To enable in the future to handle flexibly a wide range of parts in contract coating and, if necessary, also to be equipped with two additional slots for additional powder guns. The central challenge was to position the large cabin with the appropriate filter and cyclone. The new system makes perfect use of every millimeter of space in the hall,



allowing ergonomic processes for the coating experts at JO-BA.

Together with the new application, the results are convincing. Color changes take about 15 minutes only and the system runs completely on recovery, without loss of powder. Together with the high application efficiency of the powder guns, up to 1 kg of powder per recycling container can be saved. With the MagicCompact system made by Gema, JO-BA has gained flexibility and significantly improved efficiency, ergonomics and economy!

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