

Application Success Stories

MBG Job Coater

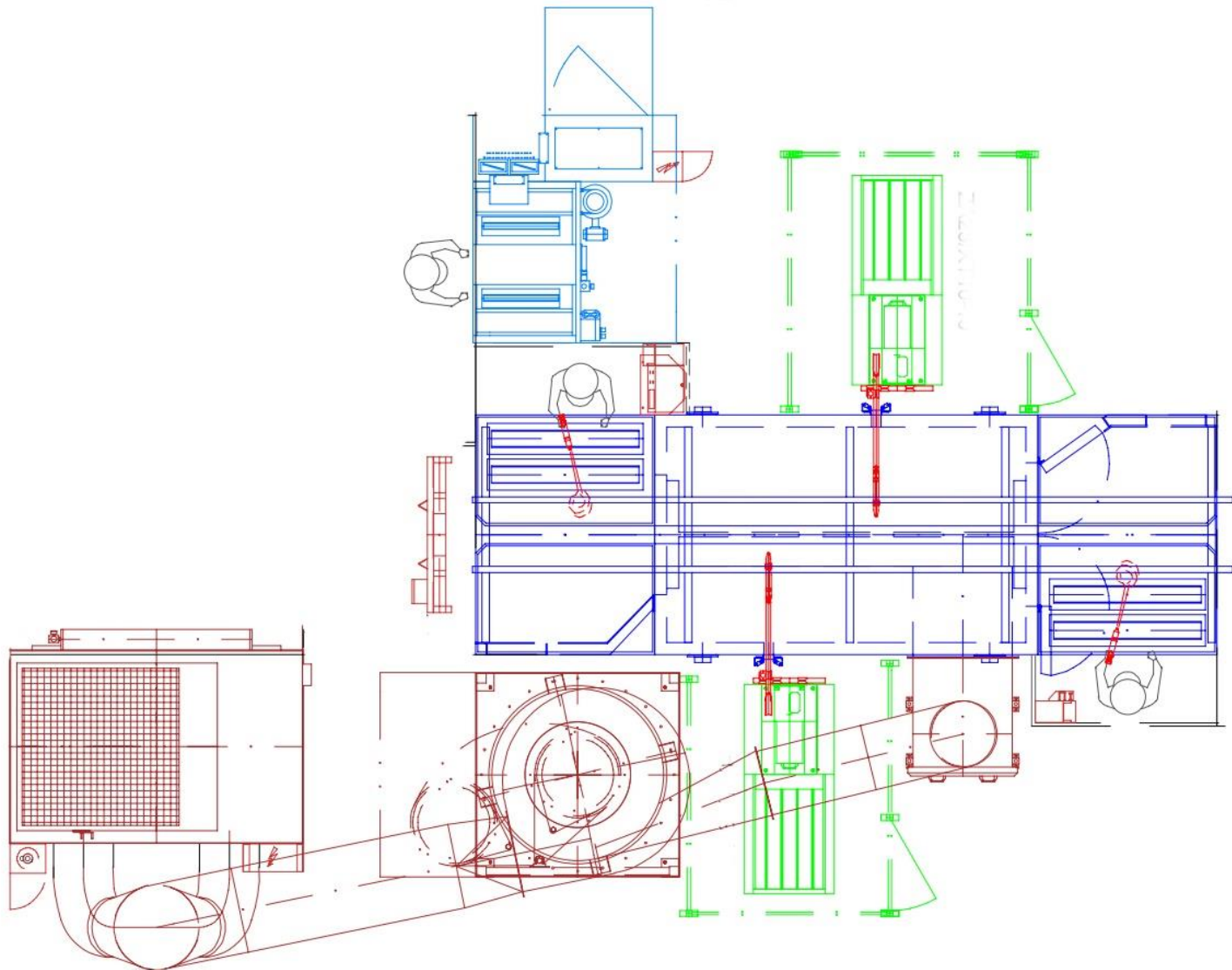


Economics

Powder saving

Flexibility

Application Success Stories



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Technical Data

Part spectrum:

Job coating

Parts size:

H 2'200 mm

W 800 mm

L 8'000 mm

Conveyor speed:

V 3.0 m/min

Scope of delivery:

1 x OptiFlex AS06 / 18P

16 x OptiGun GA03-1400 automatic gun

2 x OptiSelect®2 GM03 manual gun

2 x ZA07-23 reciprocator with XT10

1 x Control system ICS04/CM-30 MagicControl

1 x OptiCenter OC03 with 18 application pumps AP01 and ultrasonic sieve US06

1 x MagicCompact EquiFlow booth system



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Based in Gerstungen, Germany, MBG has not stopped developing since 1998 – from a simple job coater to a versatile surface finisher. The approximately 100 employees currently look after successful businesses involved in the production of facades and the manufacture of machinery, cars and commercial vehicles.

Like any other job coater, MBG is also facing major challenges. An increasingly diverse palette of colors, specific customer requirements and the wide range of quality associated with powder coatings need to be accommodated quicker than ever but at attractive



prices. And this calls for a flexible and reliable powder coating unit which is also quick to clean.

MBG had already been using powder pumps for some time. But increasing maintenance work and problems procuring replacement parts meant a new installation was required. The question was whether to continue with the sensitive pump technology or revert to using injectors. Having run the rule over some well-known application providers and based on the positive experience of working with manual coating devices from GEMA, a decision was made to opt for the Magic Compact EquiFlow quick color change system. A visit to



a well-known Swiss job coater – who had been using AP01 application pumps for quite a long time and was delighted with them – convinced MBG to go for this application pump type made by GEMA.

MBG is thoroughly convinced by the results. Color changes are almost completely automatic, quick and clean, the system impresses with the consistent coating quality and the powder consumption has decreased significantly. Whereas the big bag for waste powder used to be full after just one week, the system has to be emptied now once a month only!

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