

Application Success Stories

AMS Metallbeschichtung GmbH Job Coater

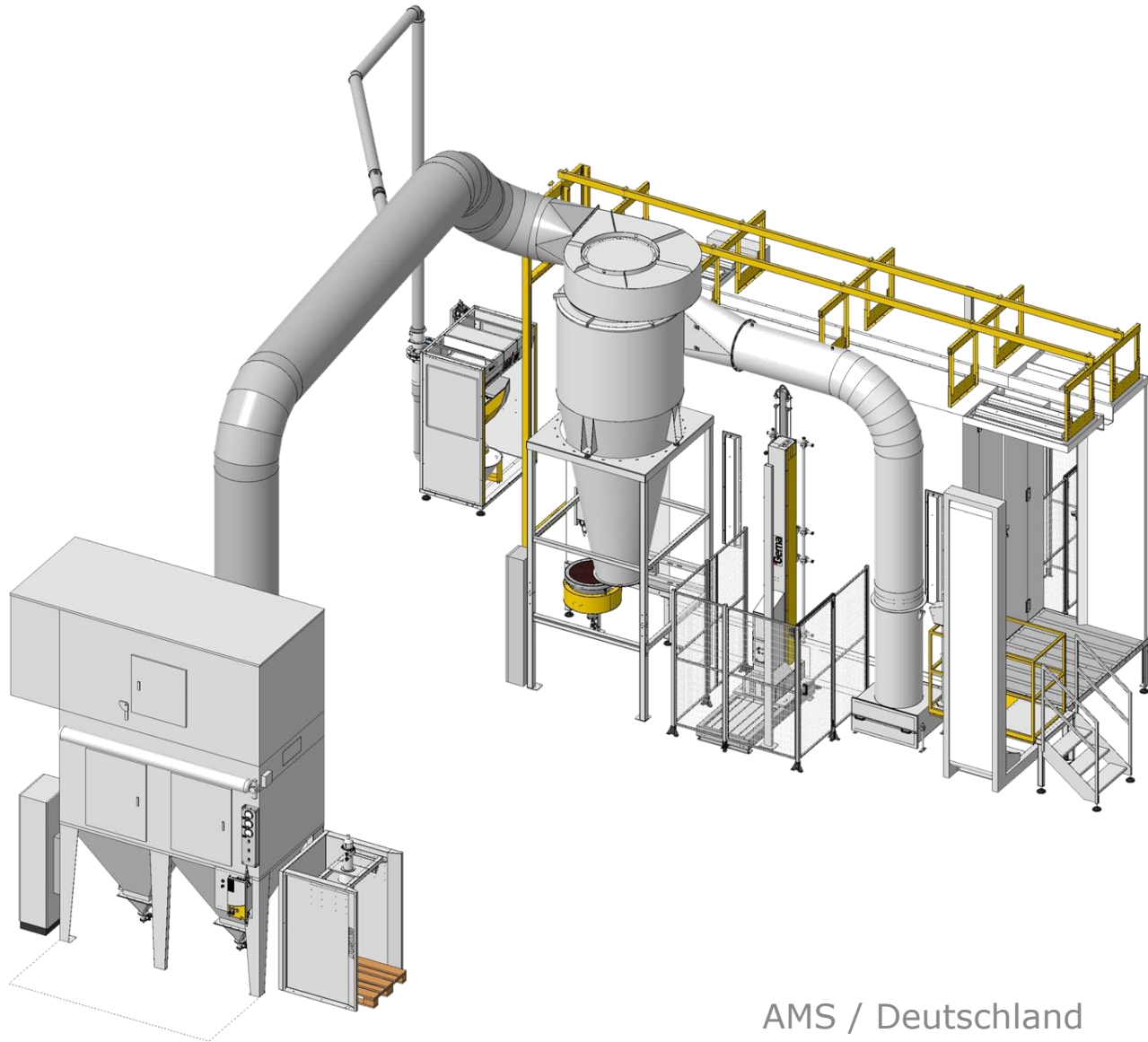


Efficiency

Powder saving

Flexibility

Application Success Stories



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Installation Key Data

Parts:

Job coating

Parts size:

H 2'900 mm

W 900 mm

L 7'500 mm

Conveyor speed:

V 1.8 – 2.5 m/min

Scope of delivery:

1 x OptiFlex AS08 / 12P

10 x OptiGun GA03P-1500 automatic gun

2 x OptiSelect® GM03 manual gun

2 x ZA07-23 reciprocator with XT10

1 x System Control ICS04/CM30 MagicControl

1 x OptiCenter OC03 with 12 x application pump AP01 and ultrasonic sieve US06

1 x MagicCompact EquiFlow booth system



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Based in Schwaigern, Germany, AMS Metallbeschichtung GmbH has four coating units to work on small parts used in machinery engineering and in motor and electronics industries. The company also works on systems for trade fair and metalwork applications as well as elements used in facades. AMS has particularly extensive experience of external work and is also an approved supplier to Deutsche Bahn, several car manufacturers and various field of the military technology sector. Lots of special projects come up with these business areas and AMS is confronted with an increasing color



diversity, several types and qualities of coating powders.

AMS has been using powder pumps for many years and is feeling convinced by the advantages of this technology. Based on its experiences, powder pumps were again in the focus to be used for a proposed future powder coating system. When visiting a similar plant with AP01 application pumps from GEMA, the specialists from AMS were persuaded by the cost-effectivity of the equipment, how easy it is to use and the coating results. They finally opted for a MagicCompact EquiFlow fast color



change system from GEMA equipped with the AP01 application pumps.

Today, the operators using the equipment at AMS are delighted with the consistently high quality of the results, the automatic color changes and the cleanliness of the environment. After just a few months' use, a significant increase in efficiency is visible. This is mainly due to the time saved through faster color changes and the reduced powder consumption.

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