

Application Success Stories

HARTING Systems POS Systems



Pushing Performance



Powder saving

Efficiency

Process stability

Application Success Stories



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Technical Data

Parts: POS Systems

Parts size: H 1'500 mm
W 800 mm
L 1'200 mm

Conveyor speed:

V 0,8 m/min

Scope of retrofit:

- 1 x OptiFlex® AS06 / 8P
- 8 x OptiGun® GA03-1400 automatic gun
- 2 x OptiSelect® GM03 manual gun
- 2 x ZA07-18 axis with XT10
- 1 x MagicControl CM30 control system
- 1 x OptiCenter® OC03 with 10 x OptiSpray AP01 application pump and US06 ultrasonic sieve



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For over 20 years, HARTING Systems has been producing goods sales systems for the distribution of theft-prone products, such as tobacco, for POS systems at the checkout area. In addition, the company offers a complete checkout area package - from the cash desk to displays - from a single source.

For major industrial customers, HARTING Systems develops, plans and produces customized housing technology made of aluminum, steel and stainless steel for specific applications. The products are characterized by their longevity, robustness and safety and are produced and assembled as



complete or subsystems according to customer orders. Since HARTING Systems does not manufacture products on stock, but exclusively to customer specifications, powder coating must be very flexible and process-safe.

The two MagicCylinder systems have been in use since 2001 and were equipped with correspondingly old application technology. A retrofit with application pumps, OptiCenter, new lifting equipment, newest powder guns and CM30 control from Gema created a whole new level of quality on one of the lines. The retrofit not only significantly saves energy and powder, but also makes



operation easier for employees. With color changes, there is hardly any need to change hands and the surroundings of the coating line always remain clean.

During commissioning it became apparent that thanks to Gema's new application technology, it was even possible to stint a robot that had previously been used for precoating parts. Thanks to the retrofit, the quality of the coating and process reliability have improved massively, and HARTING Systems now only coats high-quality parts on the newly equipped line.

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