

Application Success Stories

uemet GmbH – Uebigauer Metallverarbeitung
Sheet metal parts, housing systems, switchgears



Automation

Coating quality

Capacity gain

Application Success Stories

Installation Key Data

Parts:

Sheet metal parts, housing systems, switchgears

Parts size:

H	2'000 mm
W	800 mm
L	3'000 mm

Conveyor speed:

V_{\max}	2,0 m/min
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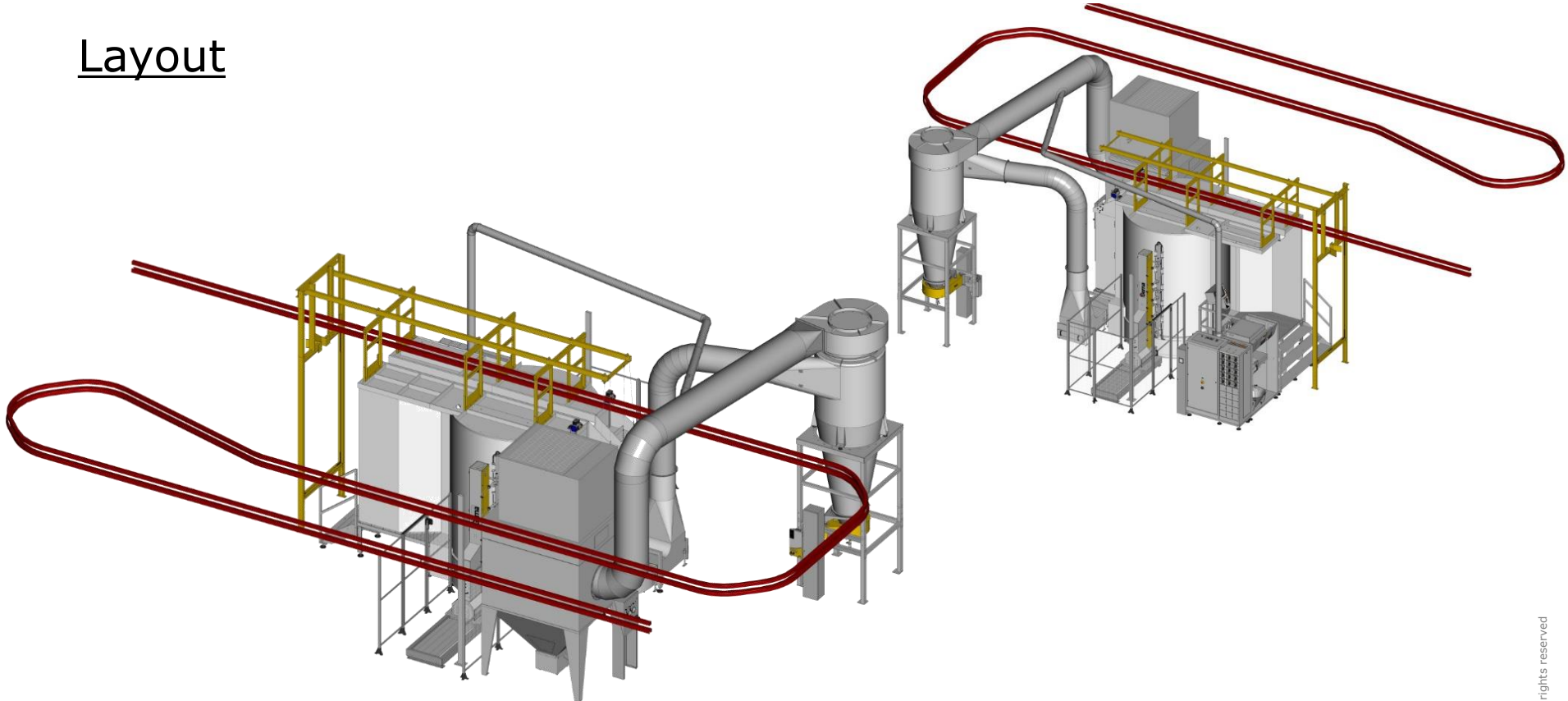
Scope of delivery:

- 1x MagicCylinder® QCS04 quick color change system
- 1x OptiFlex® AS08 with 11x OptiStar® 4.0 CG20-C
- 10x OptiGun® GA03-1700 automatic gun
- 1x OptiSelect® Pro GM04 manual gun
- 1x OptiCenter® OC08 with 11x OptiFlow IG07-P
- 1x MagicControl 4.0 control system
- 2x ZA07-18 / XT10-14 reciprocator system
- 1x Cyclone and 1x after-filter 16'000 m³/h



Application Success Stories

Layout



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uemet GmbH is part of the "uesa group" and offers customized and customer-specific solutions in the field of metal. As a core competence, uemet GmbH designs and develops switchgears, transformer stations and charging stations for electric mobility.

The steeply growing order volume and the increasing variety of parts could no longer be handled with the manual coating plant. To expand capacity and improve coating quality, they planned an automated powder coating line from the ground up.

The biggest challenge was the placement in the planned fabrication hall with tight space conditions. After inspecting various system concepts and based on coating trials, uemet decided on the MagicCylinder system from Gema. This has 10 automatic guns and a pre-coating station for manual coating. The powder is supplied by an OptiCenter OC08 with OptiFlow injectors.

The installation of the plant took three weeks and for one week the experts from Gema accompanied the production. Although uemet had previously only had

experience with manual coating, the employees quickly got to grips with the new technology.

Shortly after commissioning in July 2021, it became clear that quality and capacity fully met the requirements. With the new automatic system, uemet GmbH is ideally positioned for the future.