

Application Success Stories

Jungheinrich Norderstedt AG & Co. KG
Efficient, powerful, safe, and sustainable



Innovativ

Automation

Flexibility

Application Success Stories

Installation Key Data

Range of Parts: Industrial Trucks

Part Size: H 2.100 mm

W 1.500 mm

L 4.100 mm

Conveyor speed: $v_{\max}$ 1,9 m/min

Scope of Delivery:

1 x Filter, 1 x Mono-cyclone 28.000 Nm³/h

1 x OptiCenter® All-in-One OC10 Powder Management System

26 x OptiSpray® All-in-One CG26-CP for automatic guns

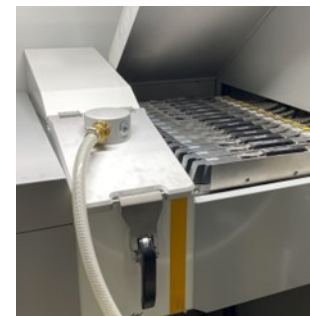
24 x OptiGun® GA04-P automatic guns

2 x CMA-Roboter, with an automatic gun OptiGun® GA04-R-P

4 x ZA16-33 with 20 x UA05 gun axes

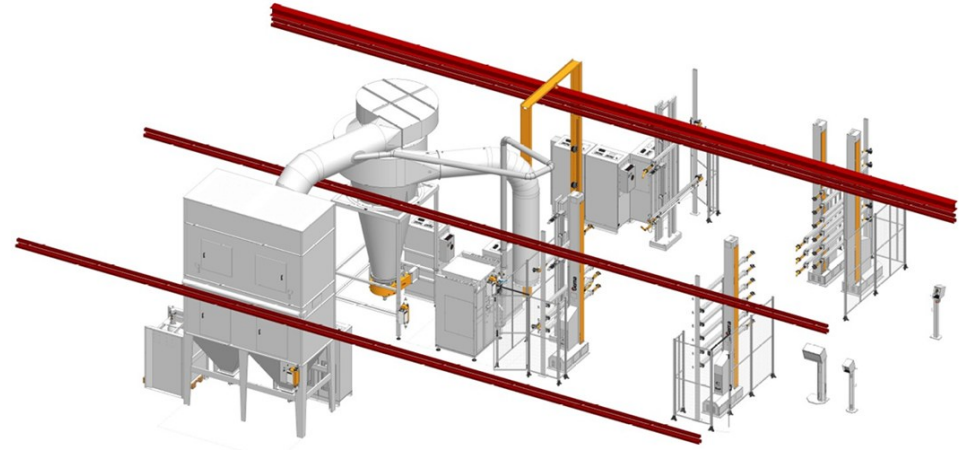
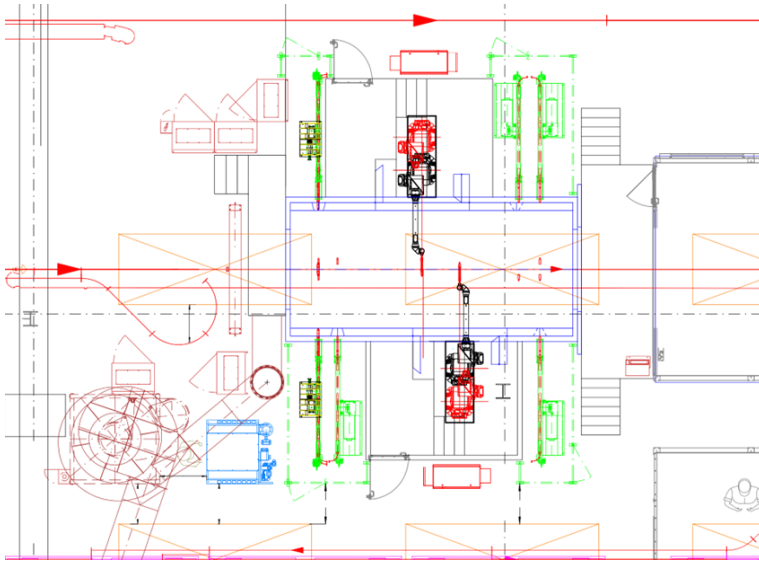
4 x ZA17 linear axes, UA05-2 gun-axes for two guns

1 x MagicControl 4.0



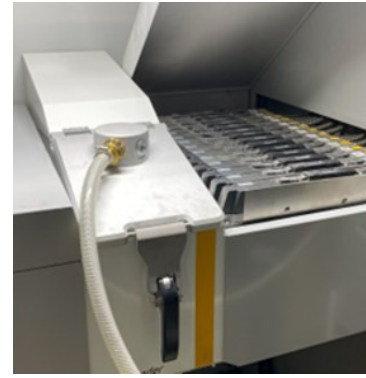
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Layout



JUNGHEINRICH

Application Success Stories



As a leading global supplier of intralogistics, Jungheinrich has been driving the development of innovative, sustainable products and solutions for material flow for more than 70 years. As a listed family business, it is our declared goal to shape the warehouse of the future.

A comprehensive range of automatic storage systems, mobile robots and software implements fully automated intralogistics. Combining economic, ecological and social responsibility is the focus of all business activities.

An existing coating booth was to be made more efficient. It was important to ensure the automation and interaction of the automatic application, the powder management system (monocyclone, post-filter, OptiCenter), the plant control, the lifting and automation devices with the robots available on site.

The Gema concept was presented in November 2024 as part of a coating trial in Gossau and was convincing. In spring 2025, the existing coating booth was modernized.

The use of the CG26-CP, GA04-P, GA04-R-P and the OptiCenter OC10 automatic guns ensures

- efficient dosing of various coating powder
- optimal powder clouds in relation to the components to be coated
- a clean environment and reduced powder consumption thanks to the closed powder cycle

A combination of the new ZA17 linear axes, the ZA16 axes and the use of U-axes enable

- maximum automation
- the combination of a wide variety of automatic guns for efficient and flexible coating