

Application Success Stories

Oskar Hafner AG, Surface finishing

oskar
hafner ag



Fast color change

Powder savings

Parallel mode

Application Success Stories

Installation Key Data

Parts: Metal parts

Work piece data: H 3'000 mm
B 1'350 mm
L 7'100 mm

Conveyer speed: 2,5 m/min

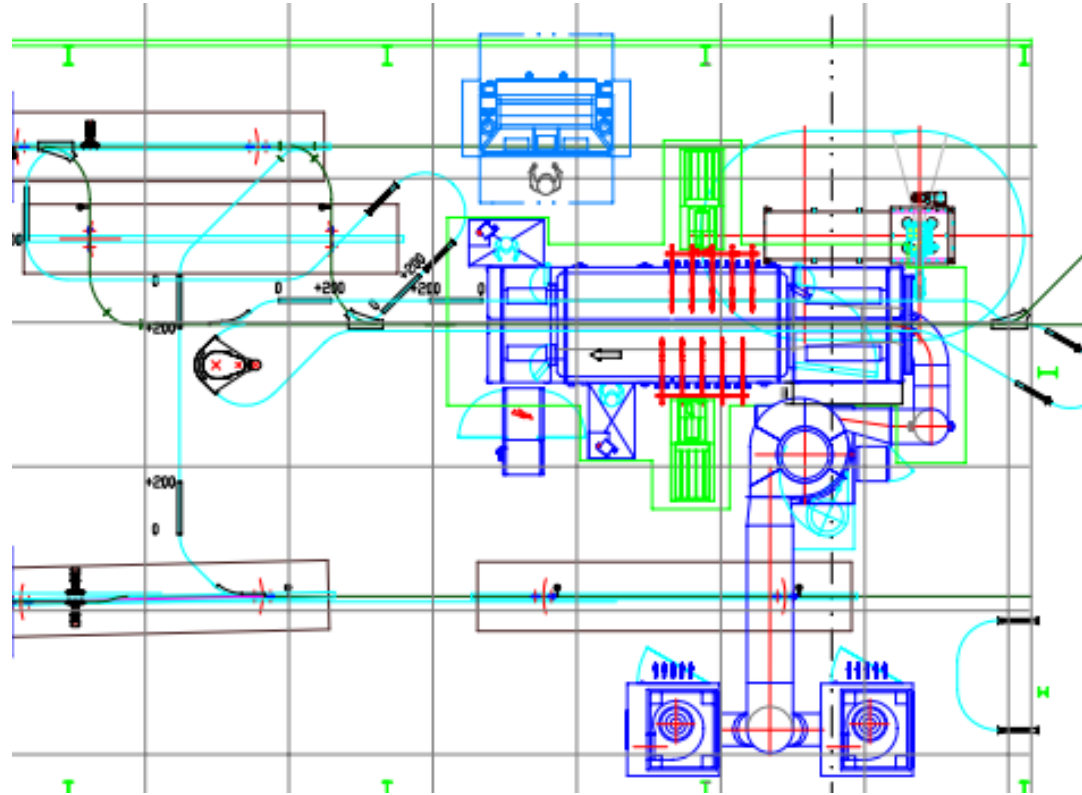
Scope of delivery:

- 10 x OptiSpray All-in-One pumps
- 3 x OptiSpray AP02 application pumps
- 3 x OptiStar® 4.0 CG24-CP gun control
- 10 x OptiGun® GA04-P automatic gun with SuperCorona
- 3 x OptiSelect® Pro GM04 manual gun with SuperCorona
- 1 x OptiCenter® All-in-One OC11 powder management system with DualSpeeder technology
- 2 x Ultrasonic sieve US07 for OptiCenter
- 1 x MagicControl 4.0 control system with GemaConnect®
- 2 x XT10 horizontal axes
- 2 x ZA07-33 vertical axes
- 1 x Horizontal and vertical object recognition
- 1 x Explosion protection system

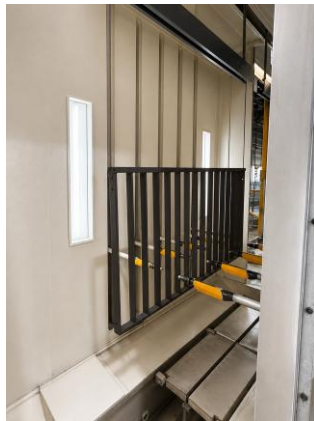


Application Success Stories

Layout



Application Success Stories



Oskar Hafner AG is a Swiss pioneer in the field of electrostatic powder coating.

The customer's expectations focused primarily on improved application performance, a higher transfer efficiency and stable, repeatable coating results. At the same time, colour changes were to become easier and faster, while operation of the system should depend less on the experience of the operator.

A central element of the new solution is the OptiCenter All-in-One OC11.

The **DualSpeeder Technology** with **two powder hoppers** simplifies both the preparation and application of different colors and enables faster color changes in daily operation.

The results:

- Reduced powder consumption
- Reproducible coating results
- Improved transfer efficiency
- Faster and easier color changes thanks to the **dual powder centre**

- Customer-specific programs for individual coating jobs
- Higher serviceability through early notification of wear parts
- Less dependence on the experience of the operator
- High-quality surface finish

The powder coating process becomes easier, more efficient and more predictable – with stable results, reduced powder consumption and greater process reliability in daily operation.