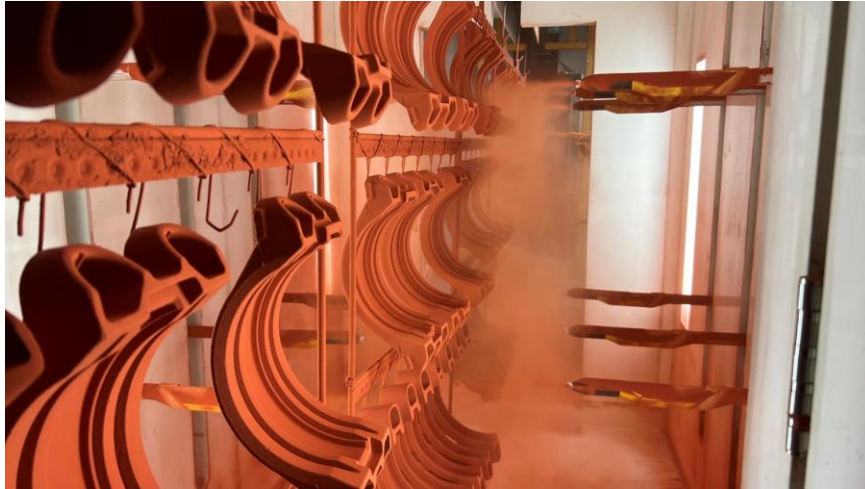


Application Success Stories

The best choice for standardization of powder coating products



Cleanness of
Environment

Uniform film thickness

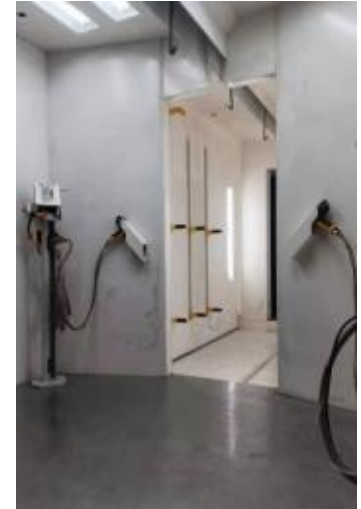
Precise charge control

Application Success Stories

Installation Key Data

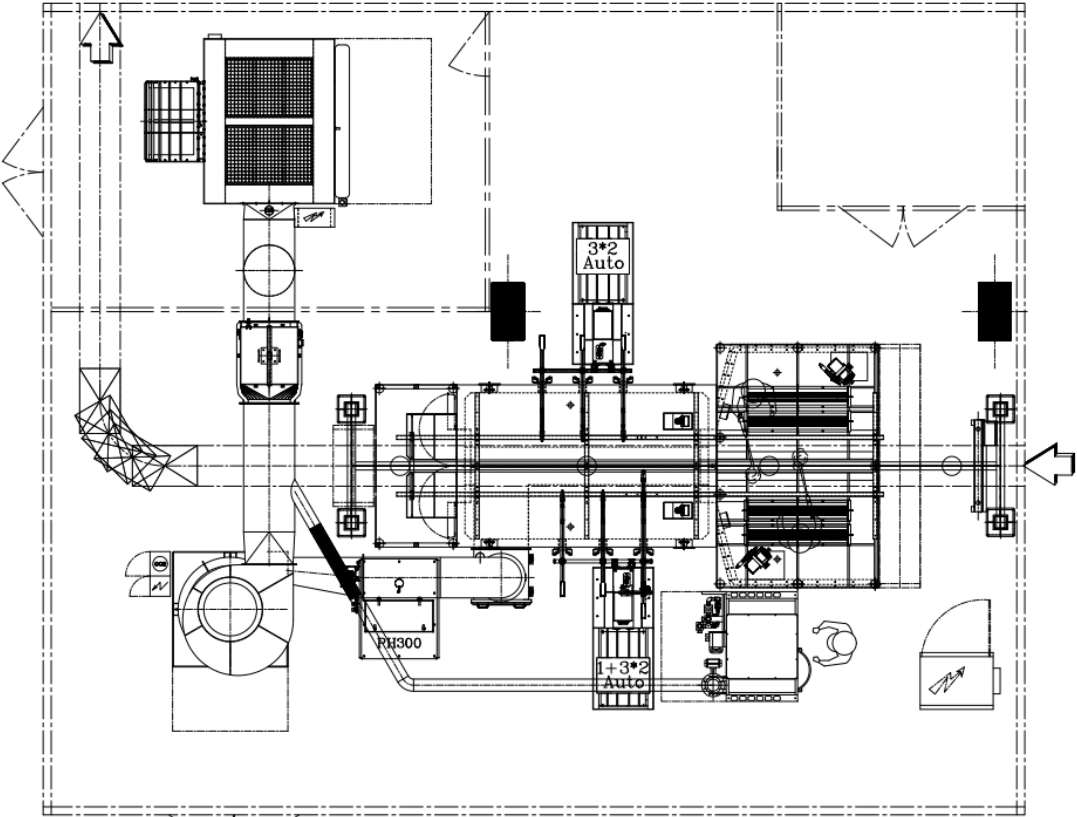
Parts: Pipe connecting piece
Parts size: H 1000mm
L 500mm
Conveyor speed: 3.0-5.0 m/min

Scope of delivery:
13 x OptiGun® GA03 automatic guns
1 x MagicPlus booth
1 x MagicControl 4.0 (CM40)
1 x OptiCenter® All-in-One OC06
1 x PH300 Powder fluidization tank
2 x ZA07/XT10 Reciprocators



Application Success Stories

Layout



Dalian Bingshan Metal Technology Co., Ltd / China

Application Success Stories



Company Profile

Company B was established in Dalian in 2004 as a Sino-US joint venture, and is a large casting company with annual sales of over 40,000 tons of parts. The company's main products include: piping system connectors, compressor castings and fastener products, hydraulic valve body castings for construction machinery. The company's piping system connection products have passed FM, UL, ULC, LPCB, Vds, SAI, CCCF product certification.

Project Expectation

The client expects this coating line to become a production benchmark for its factories around the world. By adopting the full set of cutting-edge coating products from Gema, a flexible and comprehensive electrostatic coating line is created to standardize the production process and final product.

Application Success Stories

Key to Gema Success

The OptiCenter All-in-One OC06 is the state-of-the-art multifunctional and compact design, that effectively saves space on the customer's site. Combined with OptiStar CG22 new generation gun controller it monitors and controls airflow and electrical parameters more accurately. This results in best powdering efficiency and perfect coating quality.

The intuitive user interface of the MagicControl 4.0 controller, with its comfortable touch screen interface equipped with modern icons, can be easily mastered by the operator in the field.

In terms of energy consumption of the OptiStar All-in-One the Gema products reduce electricity consumption by 25% compared with similar products and reduce the compressed air consumption by 50% during production, which will help users to lower energy costs in the medium and long terms and help owners to achieve the goal of reducing carbon emissions.

OptiStar All-in-One combined with Gema EquiFlow technology forms a closed-loop powder spraying environment, reducing powder over-spray and improving powder use efficiency. Based on the latest control features the CM40 system control helps users to realize the film thickness standardization and minimize defects between multiple batches of products. This guarantees high quality powder coated surfaces.

