

Application Success Stories

A Wheel Project Finally Achieved From Persistent Team effort



High Transfer
Efficiency

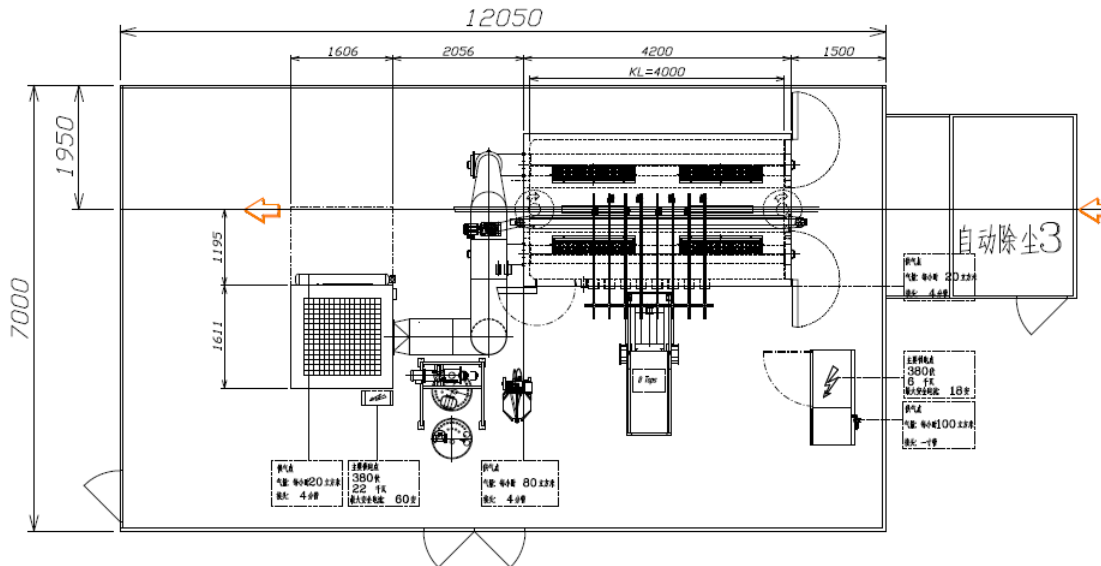
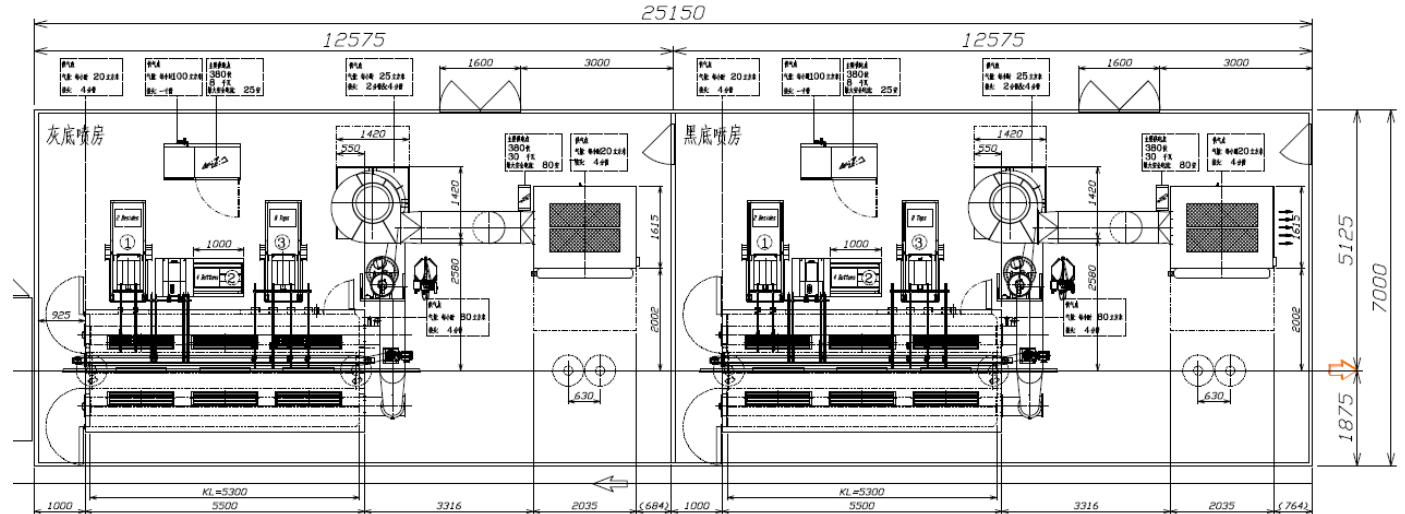
Precise Gun Control

Layout Design

Application Success Stories

Layout

2*prime line



1*clear line

Application Success Stories

Installation Key Data

Parts : Aluminum wheels

Object sizes: 13" – 22"

Conveyor Speed: 3.5-4 m/min

Scope of delivery:

For each of two prime lines

12 x OptiGun® GA03 Automatic guns (8*top,2*side ,4*bottom)

1x MagicControl CM30 Control Unit

1 x ZA07-13 reciprocators with YT04 axis

1 x PS2 vibrating sieve

1 x after filter with exhaust air volume at 16,000 [m³ / h]

1 x OptiFeed FPS 19 system

For the one clear line

8 x OptiGun® GA03 Automatic guns (top gun)

1 x manual type Z-axis reciprocator

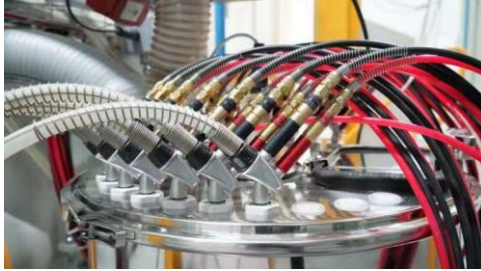
1x MagicControl CM30 control unit

1 x after filter with exhaust air volume at 12,000 [m³ / h]

1 x OptiFeed FPS 19 system



Application Success Stories



Company Profile

Changsha Dai Xiang auto parts technology co., LTD. was established in March 2018, with registered capital of 50 million yuan and 1000 employees. The company is mainly engaged in high-end personalized aluminum alloy wheels, auto parts research and development, manufacturing and sales. Its products are mainly exported to Europe, Japan and other overseas markets. The Daixiang project, whose target is an annual production of 5 million wheels, is the key investment attraction project of Changsha in 2018. After the completion of the project, it will become the largest personalized retail wheel manufacturer in China.

Company Expectation

The automobile OEMs is becoming highly critical to coating effects on wheels. As a well known job coater in the field, Changsha Dicastal was seeking a reliable coating specialist to undertake its brand new project. Gema's Sales team spent several months' of effort to visit the project leaders providing technical communication and collecting requirements to refine the final proposal solution over and over again. The project was taken from the hands of original designated supplier by persistent teamwork.

Key to Gema Success

- Field visits to several sample lines obtained in the wheel coating industry and first-hand feedback reports from operators are the best credentials to persuade new users.
- The heart of powder coating always accounts for the OptiGun GA03 integrated 100kV high performance cascade to lead high transfer efficiency and constant film thickness.
- Even with challenging powders on complex geometries, the 1,2000 m³ / h exhaust air volume ensures high recovery efficiency for excellent film quality.
- Gema systems well match diversified wheelbase design fits for customized coating programs to realize automatic multi-angle coating