

# Application Success Stories

## **XIANDAI Porcelain Enamel Co., Ltd**

### Retrofit Local Guns with Gema Application Technology



Powder Saving

Higher Transfer Efficiency

Wear-Resistant  
Components

# Application Success Stories

## Installation Key Data

**Parts:** Enamel cups and plates

**Object Size:** Height 600 mm

Width 300 mm

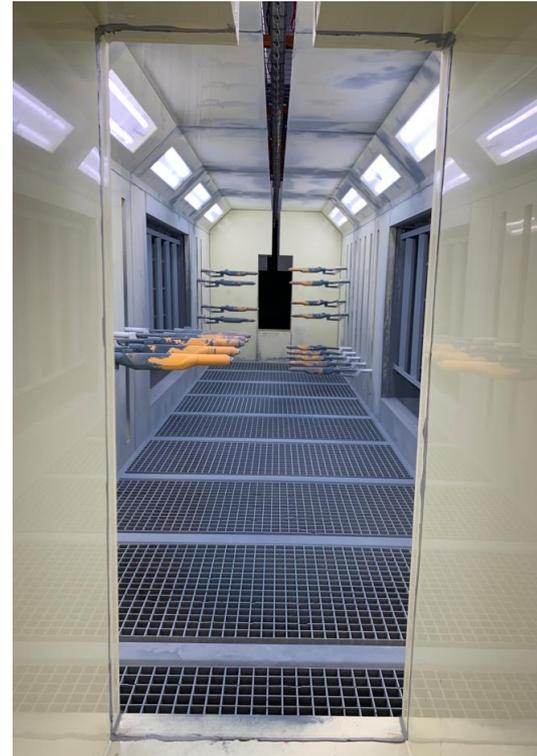
**Conveyor Speed:** 3-4 m/min

### **Scope of delivery:**

18 x OptiGun® GA03-E

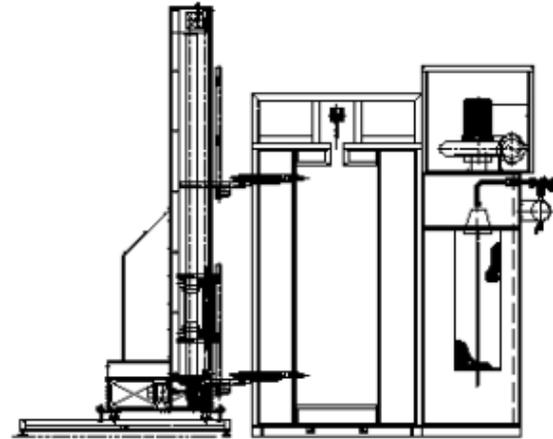
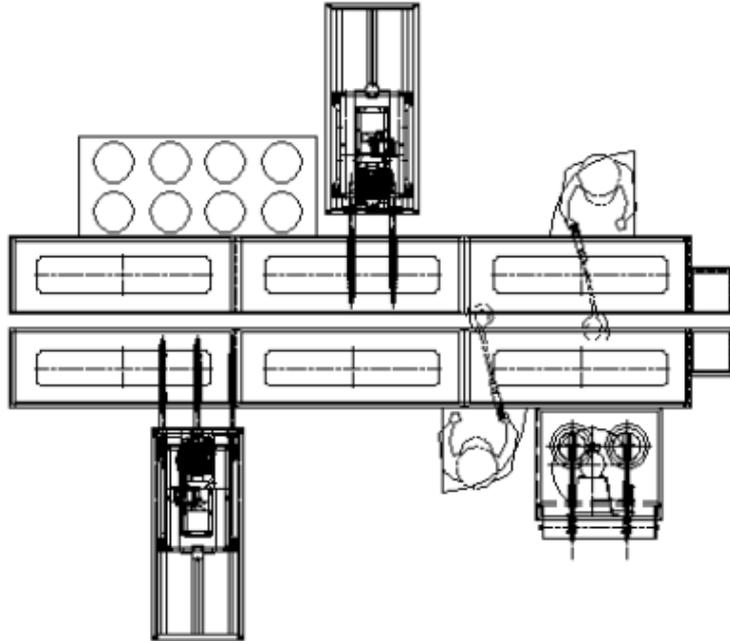
18 x OptiStar® CG20

18 x OptiFlow Enamel Injector EI06



# Application Success Stories

## Layout



# Application Success Stories



## Company Profile

Since its founding, the XIANDAI Porcelain Enamel Co.,Ltd, has always maintained its philosophy that respects high quality of enamel products and with protocols that rigorously follow with the guidelines of global markets. In recent years, XIANDAI has changed gradually from wet to dry powder coating in all product lines, ensuring that energy and material are saved to the highest degree, which is in line with the same code as Gema technology.

## Company Expectation

XIANDAI offers various porcelain and enamel products with its own colors and surface materials.

The company planned to purchase Gema application technologies to achieve cost savings and production friendliness through:

- less manpower, thanks to higher transfer efficiency
- less energy consumption
- increase in quality
- process simplification

## Key to Success

Before the Gema OptiGun GA03-E was installed at XIANDAI, other local applications spraying solutions with various nozzles were often rejected due to low productivity, overspray problems and poor process control for different parts, and the performance of the venturi injectors cannot meet daily production targets.

When the local Gema sales team visited the site, they brought Gema's latest GA03-E to show ways through result-oriented spraying to the owner of the factories, who decided to retrofit after experiencing the GA03-E.