Cooperation With The Most Widely Known National Air Conditioner Manufacture Brand











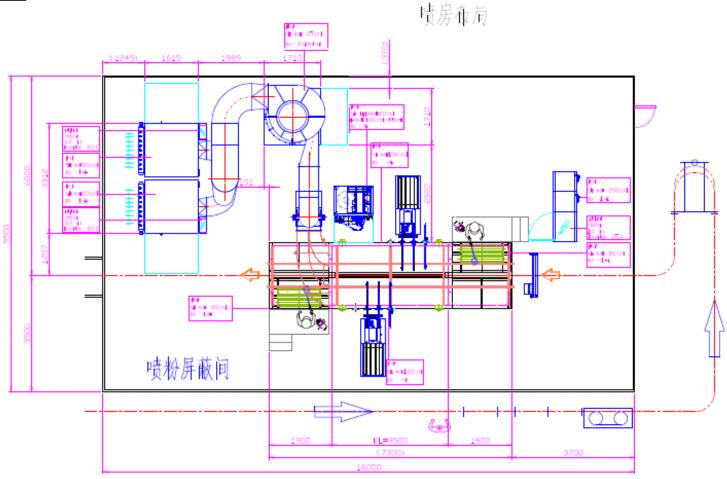
High Transfer Efficiency

Quality Improvement

Safety Control



Layout





Installation Key Data

Object sizes: Max 800mm x 2100mm

Conveyor Speed: 6m/min

Scope of delivery:

28x OptiGun® GA03 automatic gun

28x OptiSelect® GM03 manual gun

2x ZA07 / XT10-10 reciprocator

1x MagicCompact® BA02 booth

1 x PLC MagicControl CM30 system

1 x Monocyclone after filter

1 x OptiCenter® OC02

1x STS Fire detection system



















Company Profile

Gree Electric Appliances Inc. of Zhuhai is an international air conditioning enterprise, which has integrated R&D, manufacturing, marketing and service. In 2015, Gree ranks No. 385 in Forbes Global 2000 and No. 1 in the Household Appliances Industry. Since 2005, Gree is the No.1 in regards to production and sales volume of residential air conditioners.

Company Expectation

The brand image of Gree requires a first class workplace - clean and safe to constantly provide highquality products. Frequent color change requirements demand a

well-designed system to allow a faster and easier operation.

Key to Gema Success

- The blow-out device design of the plastic booth kept the floor clean and blew the powder into the extraction slot, thus creating a constant air circulation to avoid powder accumulations.
- The high exhausting air volume makes sure the air gets out of the after filter cartridge with a dust load at 1.3mg/m³. This fully complies with the national standard for a safe and clean environment.
- The 135° open angle of the injector ensures a gentle powder flow to create an extremely

- uniform powder distribution.
- Meanwhile the proven PCC technology guarantees an exact current control below 10 µA in 0.5 increments. This significantly improves the final coating result.
- The advanced application of the STS fire detection system and wall-mounted dust detector ensure a strong automatic security to protect the plant zone.

As a result, Gree's initial expectation have been fulfilled by the stable performance of the Gema system. Furthermore, Gree could also reduce the running costs and the need of manual interference.

