

# Application Success Stories

## Take Advantage of MagicPlus System to Upgrade a Safer and Cleaner Workshop

**DAIKIN**



**大金空调**



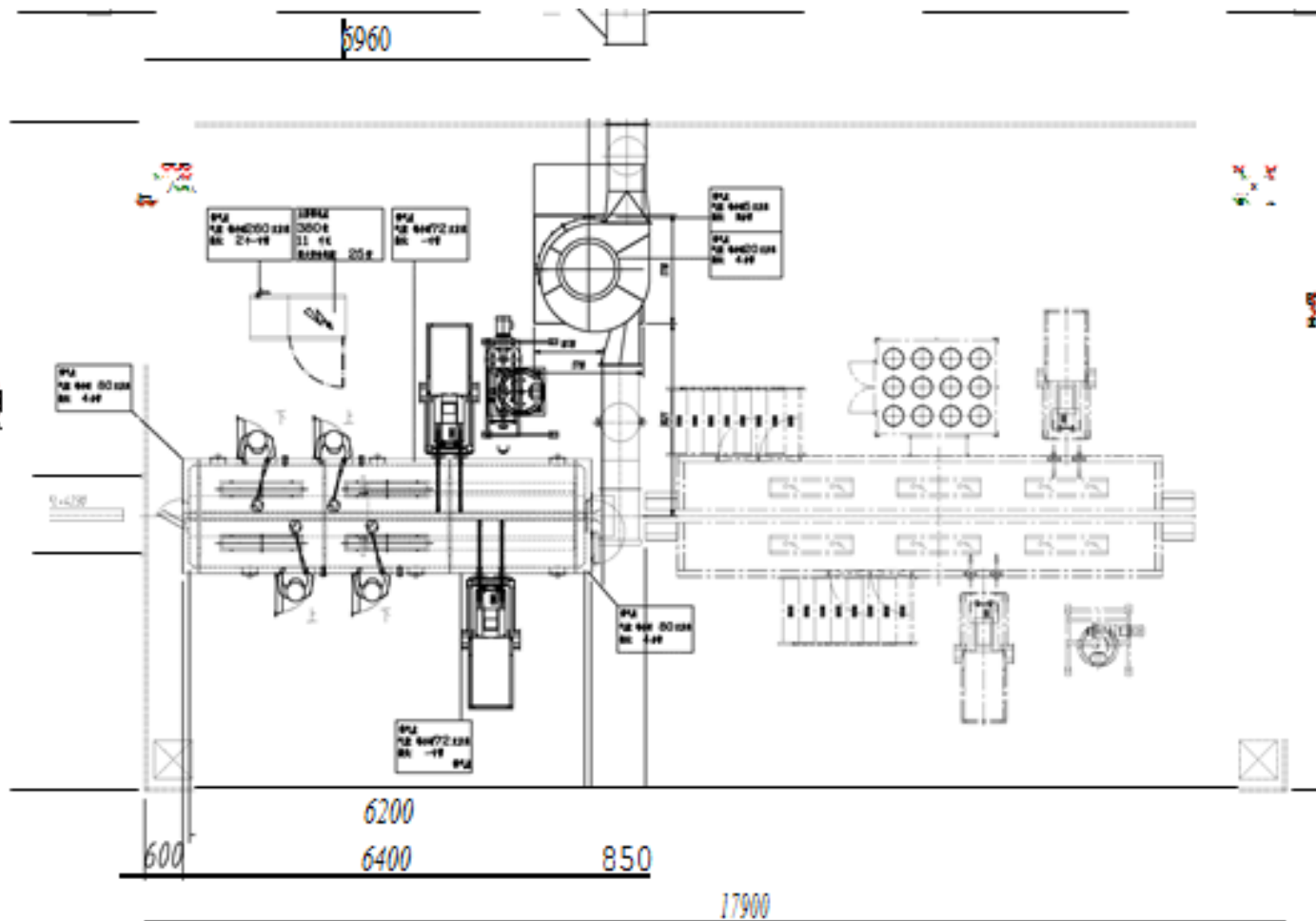
Tailor-made Layout

High Transfer Efficiency

Good Atmosphere

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## Layout



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## Installation Key Data

**Parts:** Air condition

**Object sizes:** H 2200 mm  
W 400 mm

**Conveyor Speed:** 4.5 m/min

**Scope of delivery:**

1x MagicPlus EquiFlow booth 24000nm<sup>3</sup>/h

1x AZO 650

1x OptiMatic AS05-24P

24x OptiGun GA03 Ax-SC Auto gun

4 x OptiSelect GM03 manual gun

1x CM30

2x ZA05/18+XT03

1 x Light barrier



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## Company Profile

Daikin Air Conditioning (Suzhou) Co., Ltd is a subsidiary company of Japan Daikin Industries Ltd. Since its founding in 1924, Daikin Industries continue to grow into active multinational companies in the field of air-conditioning, refrigeration, fluorine chemical, electronic, hydraulic machinery etc. With its abundant series and kinds of more than 5000 products, the Air conditioning and refrigeration BU have devoted themselves with unbridled passion to overcoming the ever-evolving challenge of air to become the leading manufacture. Especially the commercial air conditioning always takes up the best market share.



## Company Expectations

Daikin's old line turned out serious powder overflowing due to its backpack style powder recovery device configured with a set of local brand equipment which has brought warnings from Suzhou Environmental Protection Bureau. An urgent production line rectification calling for safer and cleaner working environment is imperative.

## Key to Gema Success

Daikin finally trusted Gema to take over this upgrade project and chose the solution of MagicPlus booth.

The completed achievement took on an exciting rate **37% powder saving in just 10 Days !**



- Easy integration into old layout concepts due to flexible and space-saving design in a fixed workshop.
- High transfer efficiency and uniform powder film guarantee fatigue free manual coating with only 2 touch -ups.
- The versatile control system CM30 with Touch Panel provide continual access to all coating parameters to precisely apply minimal powder output onto where you need.
- The high exhaust performance and filtration efficiency of final filters are the key to maintain cleaner and safer ambient conditions.