

# Application Success Stories



**Hokuei Co., Ltd.**

*Fuel Tank, Gas Container Storage,  
Farm Equipment Coating*



**Aging  
Equipments**

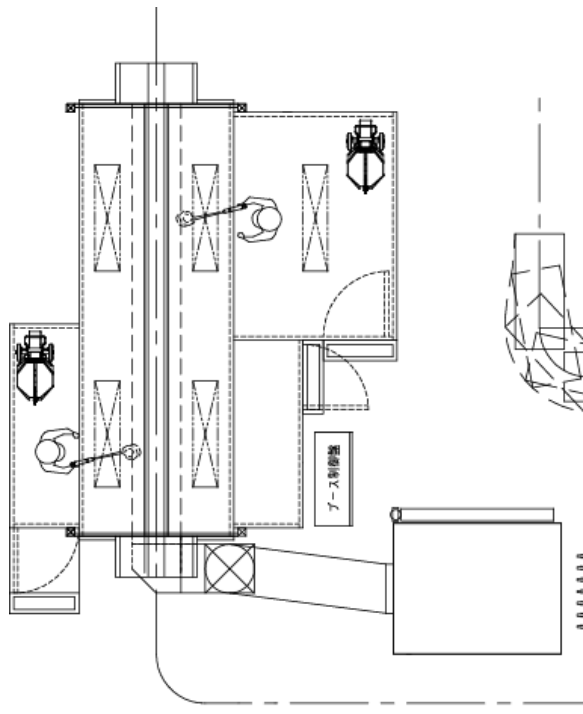
**Reducing  
VOC**

**Introduction of  
New Technology**

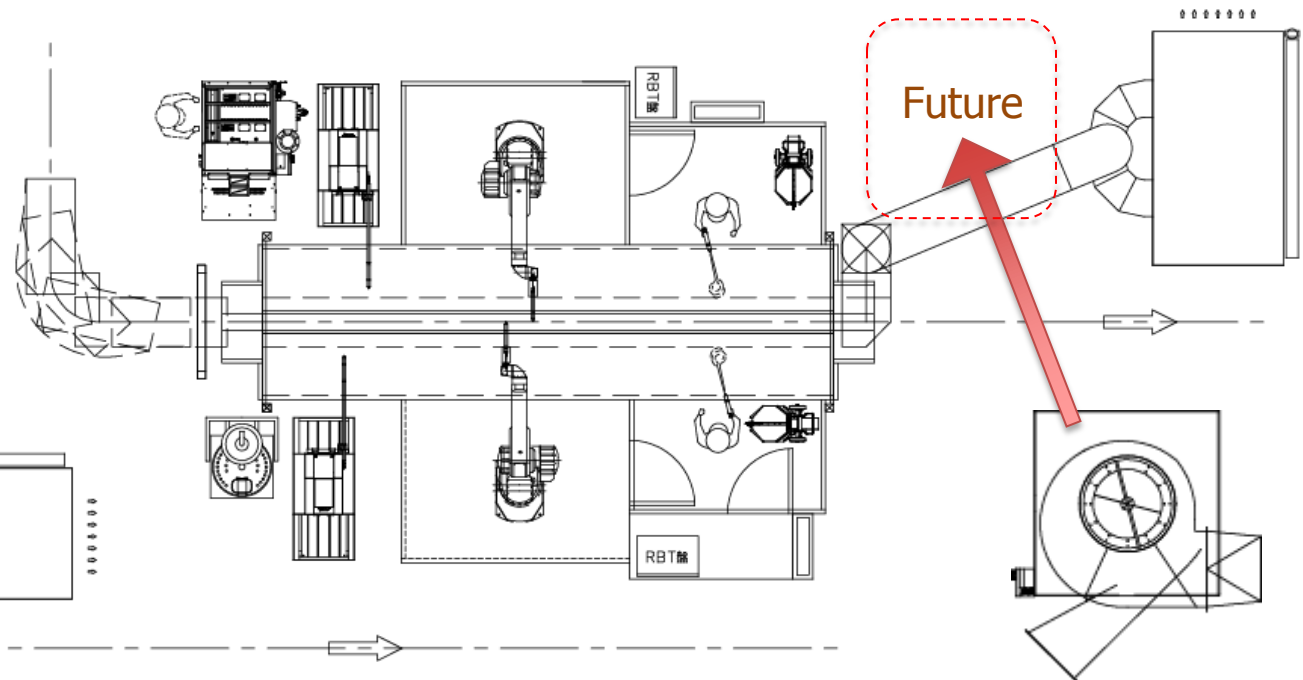
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## Layout

Manual Coating Booth



Single Color Recovery Booth  
(can be update to multi color recovery)



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## Installation Key Data

**Parts:** Fuel Tank, Gas Container Storage, Farm Equipments

**Parts Size:** 1850(L)x620(W)x2500(H)

**Conveyor Speed:** 2.0m/min

### **Scope of Delivery:**

- 1x Diamond Booth
- 1x OptiFlex AS05-14P
- 2x ZA06-18/XT11-10
- 1x OptiCenter OC02
- 1x PH150+PS2
- 2x Robots & 2x GA02
- 1x 24000m<sup>3</sup>/h Filter
- 2x Manual Gun
  
- 1x Manual Booth
- 1x 16000m<sup>3</sup>/h Filter
- 2x OptiFlex-2B



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## Company Profile:

From 1951 founding through the manufacturing and selling of the home heating equipments, now the Housing equipments such as Home fuel tanks and Gas cylinder storages becomes their main business, and some of agriculture equipments and fences are also their products. They manufactures products in a continuous process and get high satisfaction from the market for the low-cost and quick-delivery.

## Company Expectations:

Aging of the plant was a main factor but also low productivity , unstable paint quality and health/safety by liquid manual coating were rush into a settlement to new coating line. And also the powder coating that helps prevent corrosion.

## Key to Gema Success:

2x reciprocators with 12x automatic guns and 2x robots with 2 guns in automatic recovery boot are expanded

productivity, achieved high & stable coating quality, and saving manpower. Also realized cost saving for the powder consumption by high performance Gema powder guns. Finally, they got a cleaner and safer working conditions, and minimized VOC.

They using this automatic booth for single color at this moment, but it's possible to meet their future requirement of multi-color by built-in OptiCenter.