

# Application Success Stories



**Wado Sangyo Co., Ltd.**

*Agricultural Machines, Snowplows Coating*



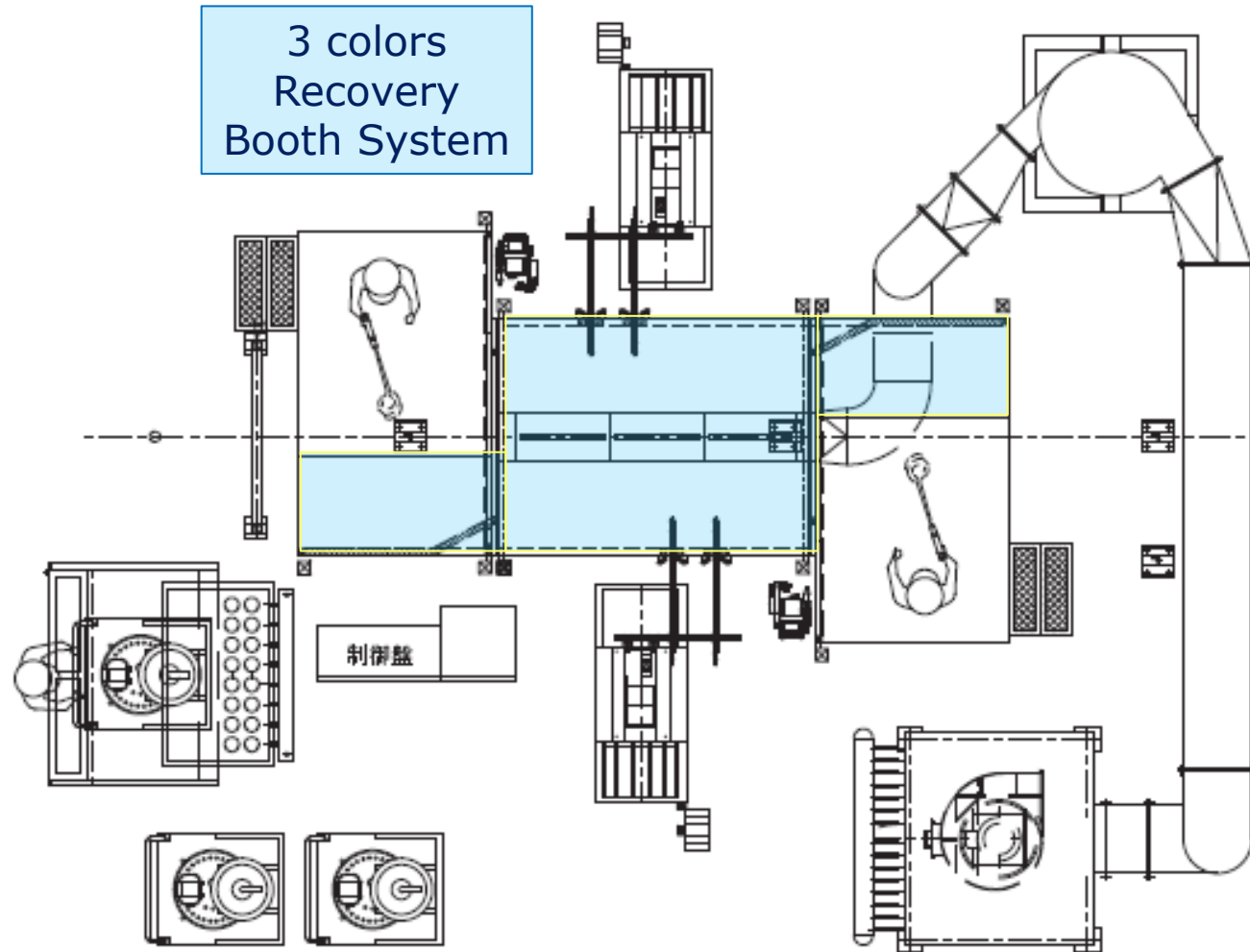
**Enhanced  
production &  
Fast color change**

**Reducing the  
touch-up**

**Reducing VOC  
& Clean  
environment**

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## Layout



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## Installation Key Data

**Parts:** Agricultural Machines, Snowplows

**Parts Size:** 1300(L)x1000(W)x1000(H)

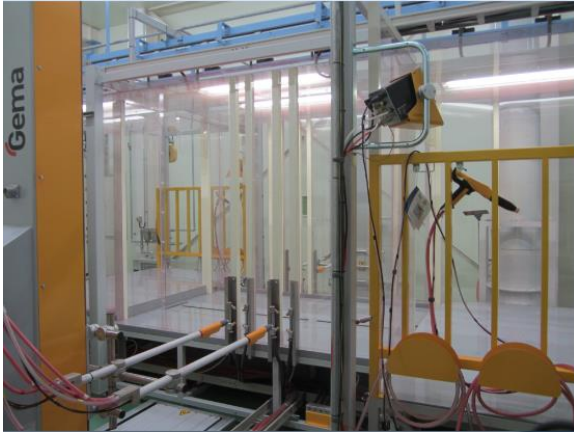
**Conveyer Speed:** 1.5m/min

### **Scope Of Delivery:**

- 1x Color change booth
- 4x Automatic OptiGun GA02
- 2x Reciprocator ZA & XT
- 1x Powder Center
- 3x Powder Hopper PH150 & Sieve PS2
- 1x Mono-Cyclone
- 1x 12'000m<sup>3</sup>/h Filter
- 1x ICS with 10.3' Color touch panel
- 2x OptiFlex2 W
- 1x OptiFlex2 B



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## Company Profile:

Wado Sangyo Co. Ltd. started business in 1941 with the sales of metallic materials and later expanded the business into the mining machinery, ironmongery and furniture business. Afterward, the snowplow became a very successful product and today Wado Sangyo is a leading manufacture of snowplows in Japan with an own brand. Also, the company carries out OEM production for leading manufactures in Japan, such as Honda, Yanmar and Kubot.

## Customer Demands:

The existing liquid coating line created a lot of problems, such as reduced production capacity, the risk of failure due to aging components, deterioration in the working environment by the VOC and cramped space. The solution to these problems was the usage of powder coating technology as a new painting line, which is able to carry out fast color changes and recovers the powder quickly. This was also a crucial point for the investment, because the manufacturer needed to use different types and shades of red powder due to OEM production.

## Key to Gema Success:

The color change system facilitates the usage of three different red colors without any problems and reduces the amount of manpower due to increased automation while achieving excellent performance application. In addition, the Gema coating line achieves the following advantages:

- Double the amount of production
- Recovery of all powders
- Improved coating quality
- Clean environment
- VOC-free