

Application Success Stories

Staircase and Railing Components Manufacturing Company



Increase Application
Efficiency

Minimize Downtime

Color Change Flexibility

Application Success Stories

Installation Key Data

Parts: Staircase and Railing Components

Parts size: 18" W X 60" H (450 x 1500 mm)

Line Speed: 6 FPM (1.8m/min)

Scope of Equipment in Use:

1 x Smart Series Cartridge Booth, 12000 CFM (20'000m³/h)

4 x OptiSelect® Pro GM04 Manual Guns

2 x OptiColor, Selection Unit, 8 colors

2 x PowerClean Module Kits for use with each OptiColor

1 x Fluidization Station, for 8 colors

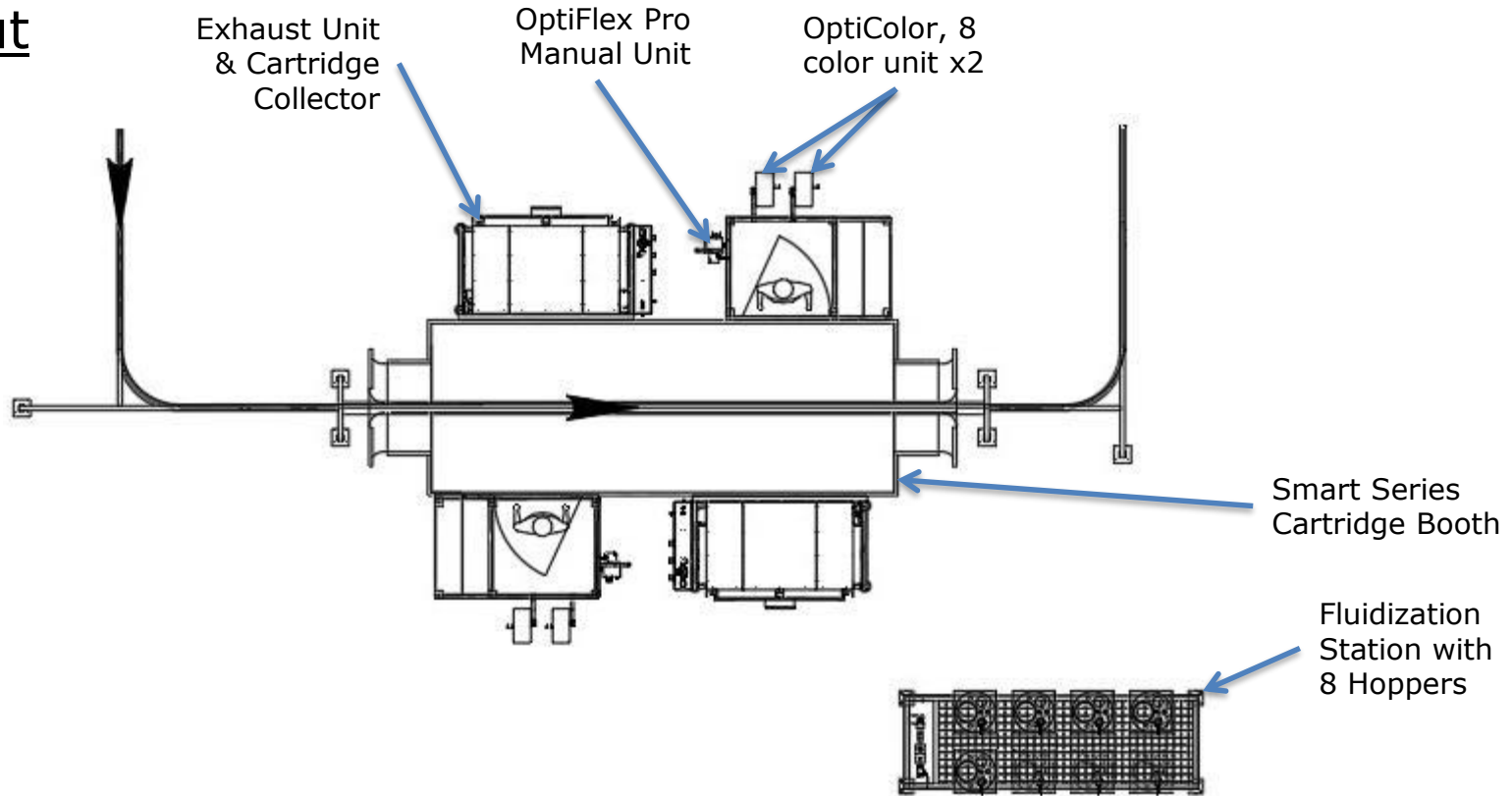
8 x Fluidization hoppers, 50 (20 kg) pound capacity

1 x Fluidization Hopper, 200 (80 kg) pound capacity



Application Success Stories

Layout



Application Success Stories



Company Profile

This Staircase and Railing Components Manufacturing Company produces premium stair and railing systems. Some of the products they make included floating stairs, railings (cable and glass), and stair treads; and they provides their customers with flexibility in design, high quality production, short lead times, and a durable powder coated finish.

Company Expectations

A key aspect of their business approach is to offer their customers with the shortest lead time in the industry. To accomplish this, they needed a powder coating operation that would offer extreme color change flexibility while minimizing the downtime associated with color change. They also needed to ensure that the powder coating was applied with the highest efficiency possible and producing the best looking appearance and coating uniformity.

Keys to Success

This company chose to install a Gema Smart Series booth system incorporating the OptiColor color selection unit and OptiFlex Pro manual powder coating guns. The OptiColor allows them to switch colors in 30 seconds or less, while giving them the ability to manage an unlimited number of colors. The OptiFlex Pro manual guns offers the highest charging efficiency, giving them greater control over their operational cost.

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