

Application Success Stories

Case Study: JIT Powder Coating Job Coater



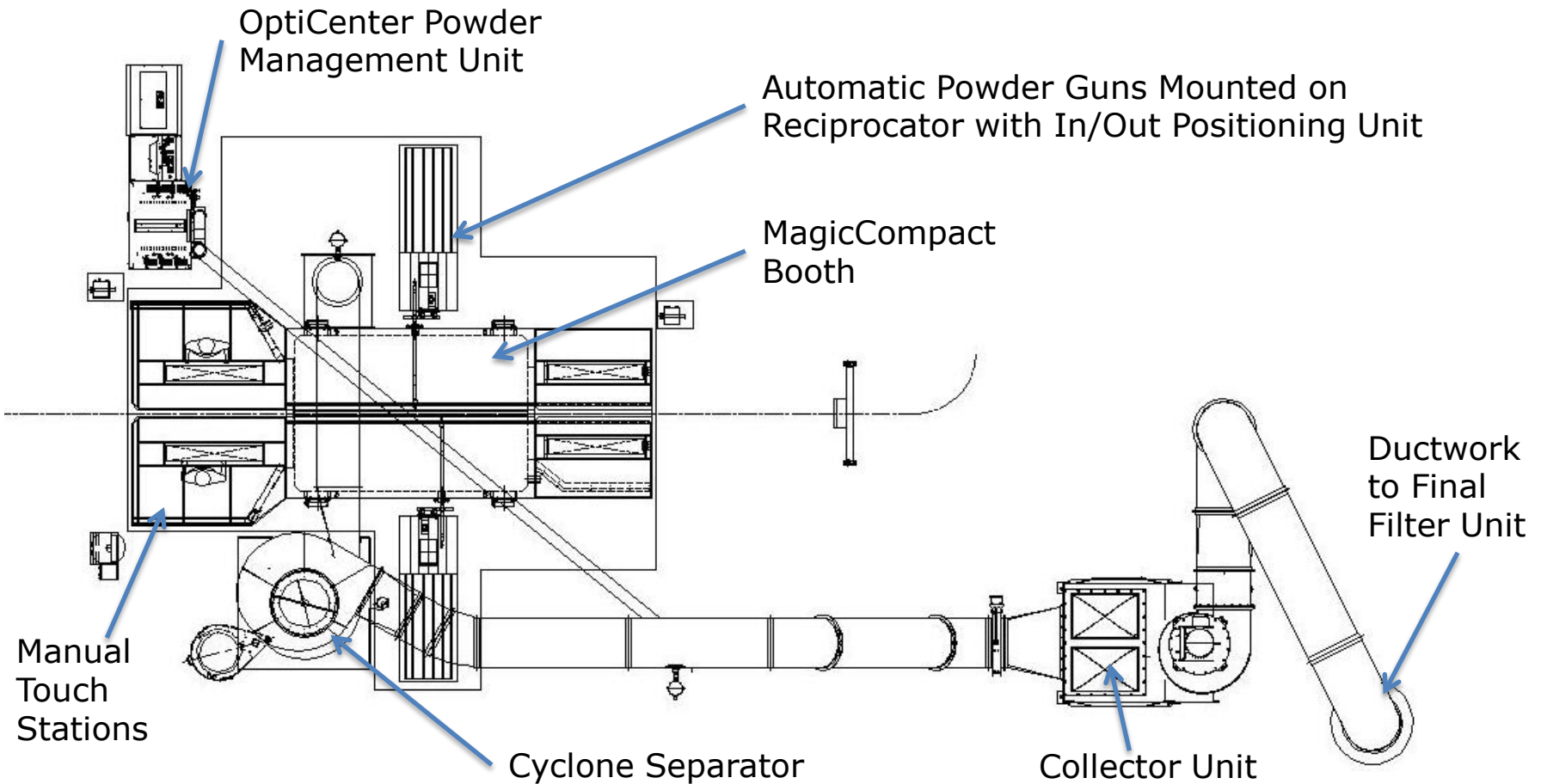
Increased
Productivity

Color Change
Flexibility

Improved Film
Thickness Control

Application Success Stories

Layout



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Installation Key Data

Parts: Various Parts (Custom Coater)

Part Size: 36" W X 60" H

Line Speed: 8-10 FPM

Scope of Equipment in Use:

1x MagicCompact® with EquiFlow® BA04,
12,000 CFM

1x MagicControl CM30

1x OptiCenter® OC04

8x OptiGun® GA03-X Automatic Guns

2x OptiFlex® 2 Manual Guns

2x Reciprocators ZA

2x In/Out Positioning Base Units XT



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Company Profile

JIT Powder Coating Company, based in Farmington, Minnesota is a leading job coater for a region covering Minnesota, western Wisconsin and northern Iowa. JIT operates two conveyerized paint systems and a batch line within a 48,000 sq ft building. JIT coats parts up to 7' high x 6' wide and 50' in length, and parts weighing up to 2000 pounds. JIT is an Axalta Star Coater and a certified applicator for Tiger Drylac architectural finishes.



Company Expectations

As a long time user of Gema manual powder spray guns, JIT turned to Gema to replace their automatic powder coating line equipment. JIT was seeking a solution that improved application consistency and repeatability, as well as increasing color change flexibility and recovery capability. As a coating service provider, color change flexibility and unlimited powder recovery capability were of critical importance.



Keys to Success

JIT chose Gema's MagicCompact EquiFlow booth and OptiCenter Powder Management unit for improving their quick color change capabilities. JIT also evaluated the application consistency of Gema's OptiFlex automatic guns and control to find improved film thickness control and repeatability. JIT also valued the expertise and support from Gema's ServiceNet team and their authorized distributor American Industrial.