

Application Success Stories

Prime Powder Coating Powder Coating Service Provider



Increase Application
Efficiency

Minimize Downtime

Color Change Flexibility

Application Success Stories

Installation Key Data

Parts: Variety of Fabricated Steel Components and Assemblies
Parts Size: 36" W X 84" H (900 x 2100 mm)
Line Speed: varies

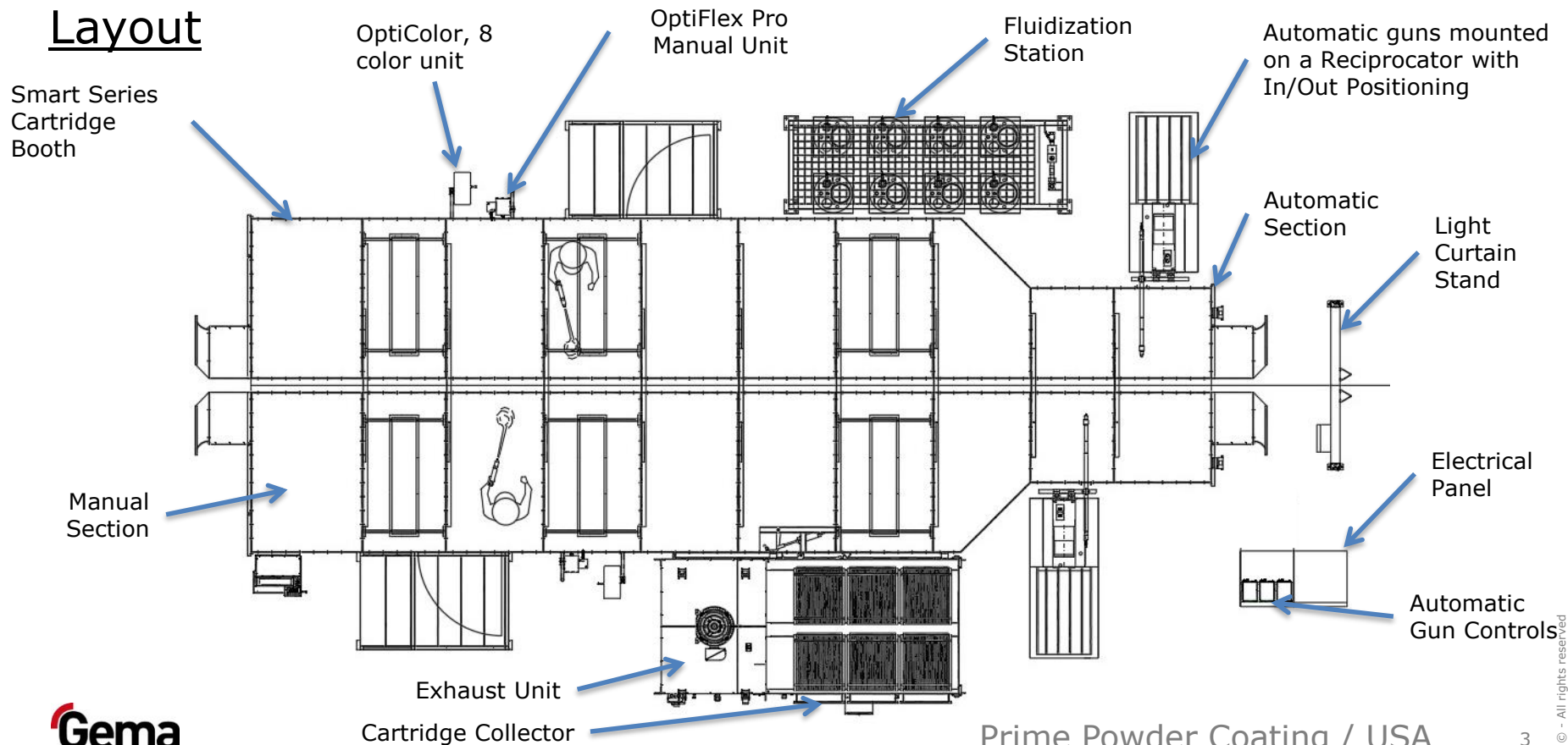
Scope of Equipment in Use:

- 1 x Smart Series Cartridge Booth, 15000 CFM (25'000 m³/h)
- 14 x OptiGun® Automatic Guns GA03
- 14 x OptiFlow IG07 Injectors
- 14 x OptiStar® 4.0 (CG20) Gun Control
- 2 x Reciprocators with Automatic In/Out Positioning
- 2 x OptiSelect® Pro 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
- 9 x Fluidization Hoppers, 100 pound capacity
- 1 x MagicControl 4.0 (CM40)



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Layout



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Company Profile

Prime Powder Coating, located in Memphis, Tennessee, offers powder coating services to companies in southwestern Tennessee and the surrounding regional area. Prime has a state-of-the-art system with an automated conveyorized production line that is capable of cleaning, powder coating and curing. Their 45,000 square feet (4200 m²) facility encompasses 800 feet (250 m) of Intellitrak 1500 Series hanging Conveyor line that is able to carry up to 4,000 lbs (1800 kg).

Company Expectations

Prime was seeking to invest in equipment allowing them to offer powder coatings to their customers. They were keen on identifying the best supplier that would provide them with quality products and service they demanded; listen to their needs; and provide the best solution. Recognizing previous excellent results with a Gema manual unit, and strong service experiences, Prime chose to work with Gema and the official Gema distributor, CCIS/OTC Industrial Solutions.

Keys to Success

Prime was able to receive a custom system design that gave them production flexibility. Specifically they were able to powder coat products using an automatic conveyorized line that quickly changes colors when needed. Prime purchased a Smart Series Cartridge booth with reclaim and spray-to-waste recovery equipment. The powder is applied using Gema automatic powder guns and OptiSelect Pro manual guns. For quick color changeover, Prime uses the OptiColor Unit to quickly change colors.

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