

Application Success Stories

Case Study: Southeastern USA Manufacturer Aftermarket Automotive Wheels



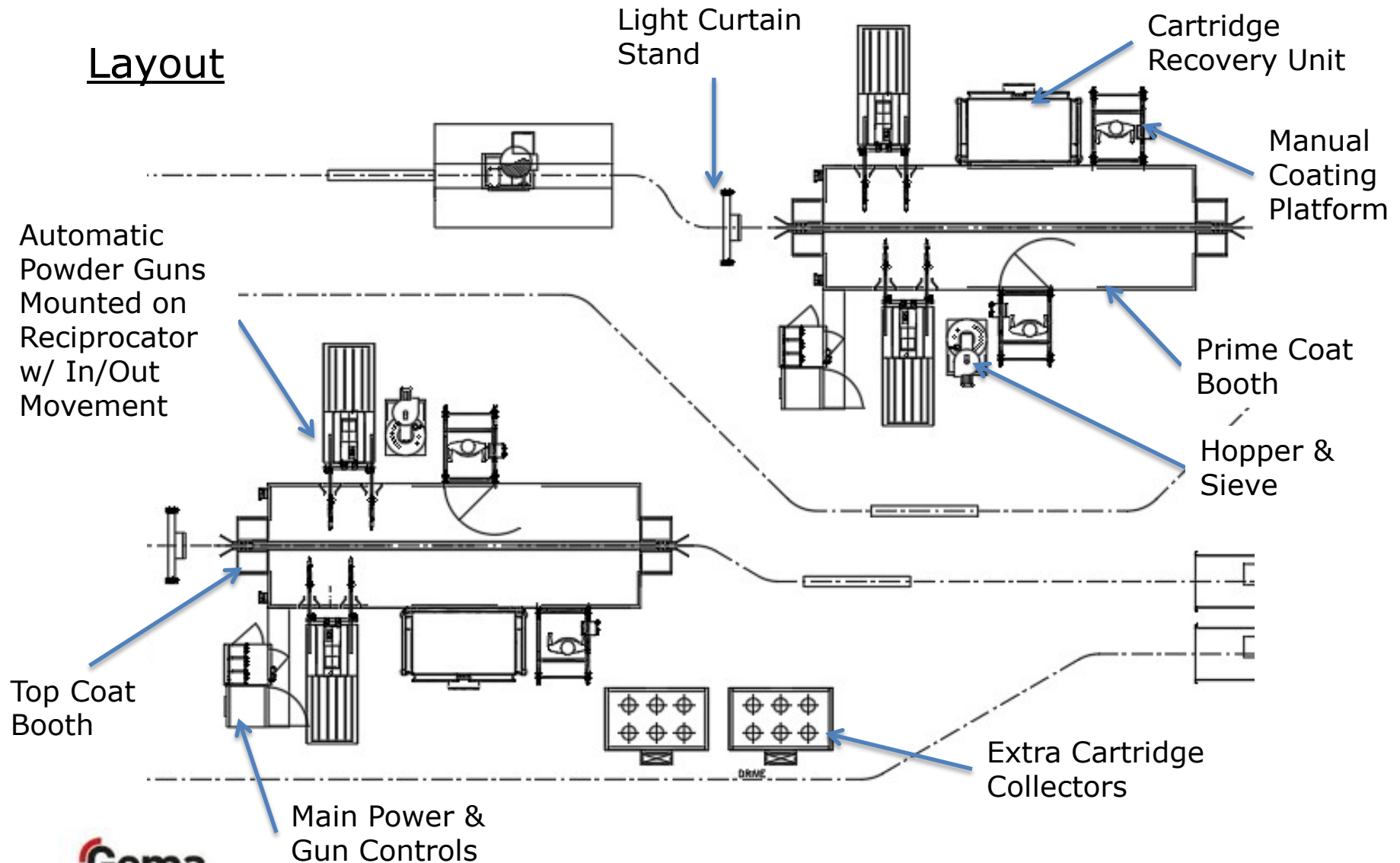
Application
Automation

Improve Material
Utilization

Increase Production
Throughput

Application Success Stories

Layout



Application Success Stories

Installation Key Data

Parts: Automotive Wheels
Part Size: 26" L X 26" H X 14" W
(660 x 660 x 360 mm)
Line Speed: 6 FPM (1,8m/min)

Scope of equipment purchased:

Prime Coat Automatic Booth

- 1 Smart Series, 6,000 cfm (10000 Nm³/h) booths
- 2 OptiFlex® 2 Series manual units
- 4 OptiGun® GA03 Automatic Guns, OptiStar® CG08, and OptiFlow IG06 Injectors
- 2 Reciprocators with manual in/out positioning
- 1 OptiControl CM22

Top Coat Automatic Booth

- 1 Smart Series, 6,000 cfm (10000 Nm³/h) booths with extra collectors for three colors
- 2 OptiFlex® 2 Series manual units
- 4 OptiGun® GA03 Automatic Guns, OptiStar® CG08, and OptiFlow IG06 Injectors
- 2 Reciprocators with manual in/out positioning
- 1 OptiControl CM22



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Installation Key Data

Parts: Automotive Wheels

Part Size: 26" L X 26" H X 14" W
(660 x 660 x 360 mm)

Line: Chain-on-Edge, Clear Coat
Application

Scope of equipment purchased:

Clear Coat Automatic Booth

- 12 OptiGun® GA03 Automatic Guns
- 12 OptiStar® CG08, and OptiFlow
- 12 IG06 Injectors
- 1 OptiControl CM22



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Company Profile

This company, founded in the mid 1990's is a leading designer, marketer and distributor of branded aftermarket wheels. Their recognized brands are found across all major vehicle segments. They recently invested \$14 million to start a new 220,000 sq-ft (20500m²) facility in the southeastern part of the United States.



Company Expectations

Plans for business expansion and relocation of production lines were drivers for this company's investment. Increasing production throughput by utilizing more automation was important. Producing a multitude of unique and exotic wheel designs, this manufacturer wanted to ensure the new line met their quality standards; and focused on increasing coating performance and material utilization.



Their decision was to select a system designed and installed by Gema's distributor, Dietz Supply Company. The Gema equipment included in this system were two (2) automatic booths (prime coat and top coat) as well as the replacement of automatic guns used on a chain-on-edge line (clear coat.) The results have been extremely successful as they are experiencing increased production throughput and operational efficiency, along with outstanding coating performance.



Keys to Success

Southeastern Mfgr – Automotive Wheels / USA