Application Success Stories

Case Study: Midwestern USA Manufacturer
Fabricated Sheet Metal Products

Upgrade Application Automation

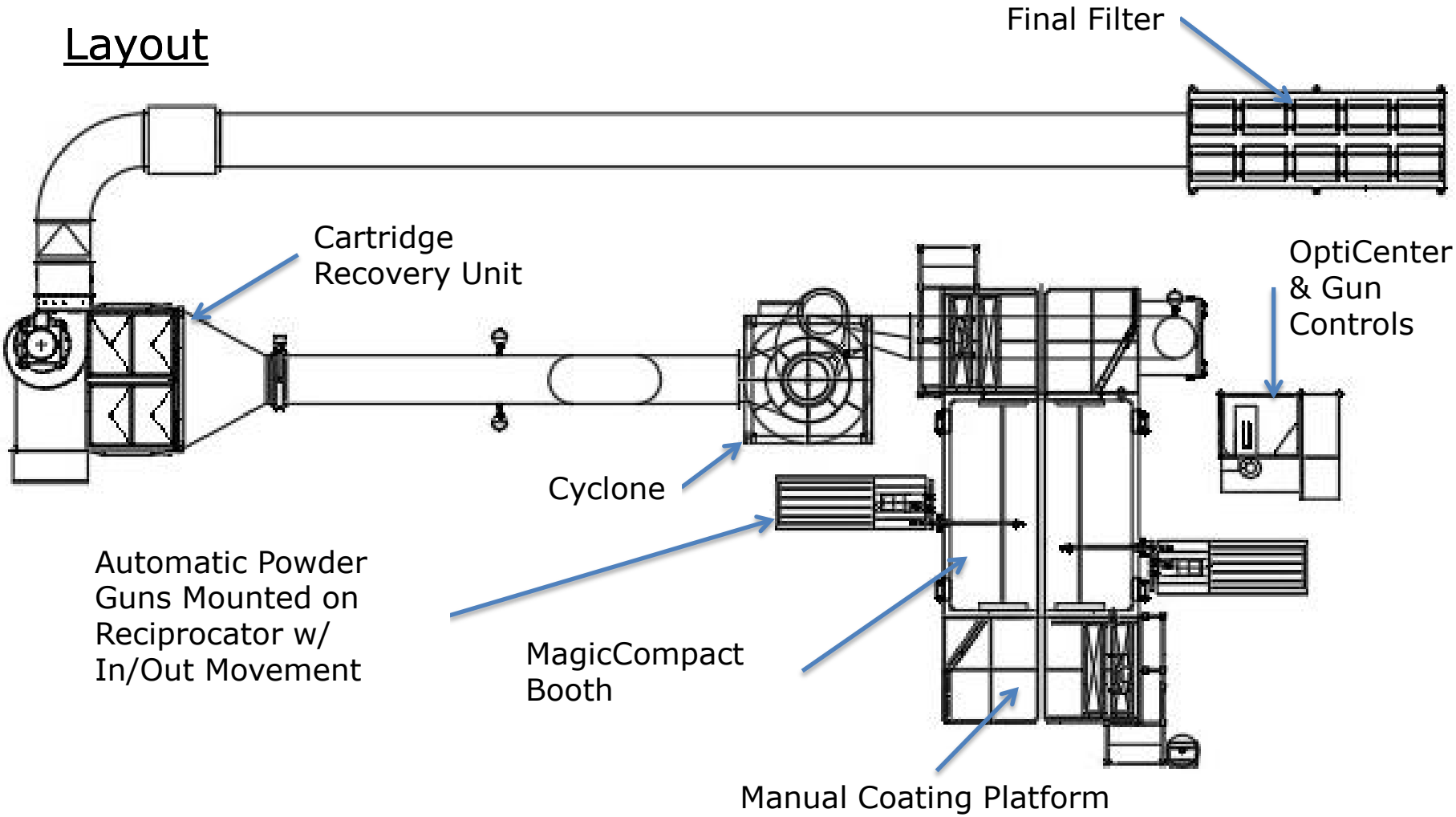
Improve Color Change Flexibility

Increase Production Throughput

Gema

Application Success Stories

Layout



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Installation Key Data

Parts: Various Sheet Metal Fabricated Products

Part Size: 96” L X 62” H X 48” W (2400 x 1600 x 1200 mm)

Line Speed: 10ft/min, 3m/min

Scope of equipment purchased:

1 MagicCompact® booth, 14,100 (24 Nm^3/h) CFM

2 OptiFlex® 2 Series manual units

10 OptiGun® GA03 Automatic Guns, OptiStar® CG08, and OptiFlow IG06 Injectors

2 Reciprocators with in/out positioning

1 MagicControl® 4.0

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Company Profile
Started in the early 1970's, this company has grown to be one of the larger fabrication and coating business in the northern region of the upper Midwest part of the United States. Their services include design, fabrication, coating, and assembly for a wide range of industries such as telecommunication, electrical, general industrial, as well as recreational and sport utility.

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.

Keys to Success
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 of have been extremely successful as they are experiencing increased production throughput and operational efficiency, along with outstanding coating performance.