

Application Success Stories

Fast group is the biggest supplier of supermarket appliances in Brasil. In 2013 they have placed 4 Gema booths, being 2 in a new line and 2 as a retrofit of 2 steel booths. Their main aim was quality increase, increase of colour changes and powder savings. They have placed one monocolour booth and one multicolor booth, being both Magic Compact BA04. We will focus our attention at Fast, as a retrofit situation. They had 2 steel booths, using only manual coating. Each booth had 4 men, 2 each side, and their coating speed was 3 mt/min. The intention was:



Increase
Production

Higher
Quality

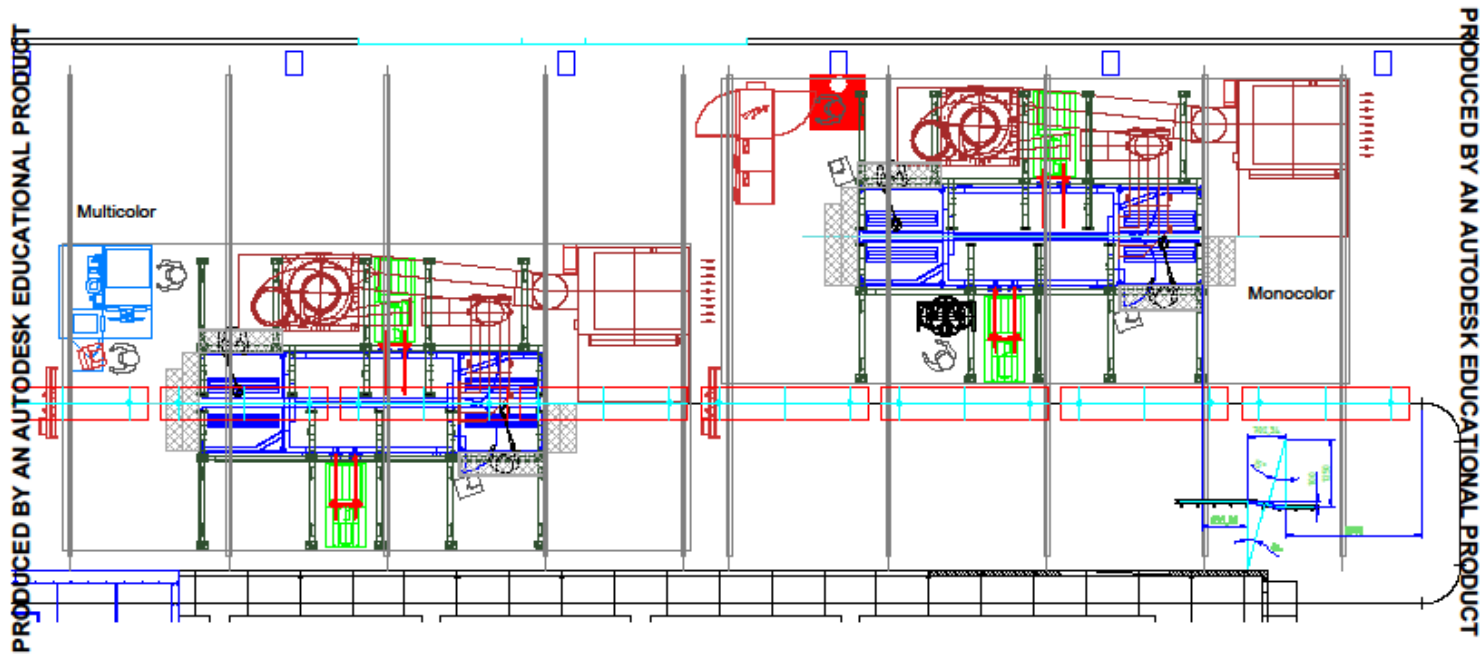
Less Man
Power

Less
Powder Loss

Higher
Color
Number

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Installation Key Data

Parts:

Metallic Furniture

Production data:

- 1800mm high
- 450mm wide
- 5.0m per min

System Type:

- Magic Compact BA04
- 22 Automatic guns
- 2 manual stations
- OptiCenter OC02
- 24 IG06 Pumps
- CM30 control system
- Product recognition
- X & Y reciprocation



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Significant Investment

"In order to have a nice retrofit of the line we had to do several changes on the existing line, like increasing the pre treatment tunnel, ovens and conveyor. We also had to remove the old rooms where we had the old booths. This has represented a big investment but the expectations and needs were very high", said Fabio, the production manager of Fast Gondolas.



Plant Details

The plant incorporates the latest Gema Magic EquiFlow automated spraying booth and equipment, this investment provides maximum coating consistency, a highly efficient powder recycling system combined with quick colour change capability.



Compared to the old line of Fast, this installation allowed Fast to do more and faster colour changes. All the installation was designed to be more flexible than before, allowing the client to work better, faster and cheaper.

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Key objectives and success areas:

- ✓ Provide customers a first class powder coating finish
- ✓ Automatically coat parts most of the time
- ✓ Have the flexibility to colour change quickly with minimal downtime to meet customer demand
- ✓ Provide an environmentally sound solution in relation to energy, and powder consumption
- ✓ Have an easy operator interface and simple functionality for the plant operators
- ✓ Cleaner working area
- ✓ Less operators than before

As the bigger supermarket furnisher manufacturer, Fast was able to go a step more ahead of their competitors. Actually this line is considered by all the market as the most advanced one in Brasil. " Today we are able to provide more material to our clients with a wide range of colours and with much higher quality. Our costs, mainly in powder and people is significantly lower than

before. Together with the gain on quality a production we are able to say that this was one of the best investments we've made.

We have other lines with other booths from other brands that we are already thinking about change them into Gema." Said Fabio.