

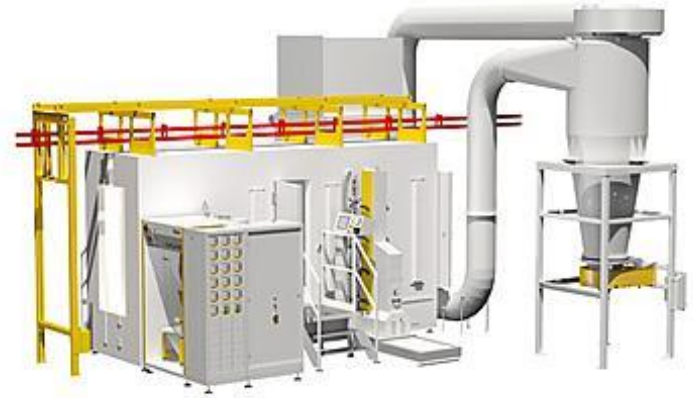
# Application Success Stories

**Midlands based manufacturer Unifabs expands capabilities through state of the art powder coating facility**



**UNIFABS LTD**

DESIGN-MANUFACTURE-DELIVER



Powder coating  
brought in house

Big cost savings

Complete service  
now offered to their  
customers

# Application Success Stories

## Installation Key Data

**Parts:** Various Fabrications

**Production data:**

- 1200mm high
- 600mm wide
- 1.2 metres per min

**System Type:**

- MagicCompact®
- OptiCenter® OC02 with OptiFlow IG07
- 12,000m<sup>3</sup>/h
- 6 x OptiGun® Automatic guns
- 2 x OptiSelect® Manual stations
- MagicControl 4.0 (CM40) system control
- Product recognition
- X & Y reciprocation



# Application Success Stories



## Company Profile:

Unifabs have been at the forefront of cutting edge sheet metal fabrication since 2007, their customers span multiple sectors, from point-of-sale and retail, through to automotive and HVAC. Unifabs' continued success is

supported through their excellent reputation for delivering high quality manufactured products combined with first class service and reliability. A recent addition to Unifabs' capabilities is a product finishing line, a significant

investment that complements the existing manufacturing capabilities, allowing Unifabs to take products from initial design concept stage to the finished article.

<https://www.unifabs.eu/>



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Managing Director, Jason Austin explains their reasons for the upgrade, “Unifabs ambition has always been to offer the complete end-to-end solution to customers, this is supported through our investment in best in class manufacturing machinery, coupled with the best people. Our recent award for ‘Excellence in Industry’ speaks to the exceptional service we deliver every day. When it came to investing in our new powder coating facility it was imperative we selected the right partner for our business, we are about delivering exceptional results”.

The powder booth pictured above is an advanced fast colour change system from market leaders Gema Europe. The booth benefits from the latest innovations including the MagicControl 4.0 Gema’s pioneering interface for Smart Factory Automation, the system control ensures intelligent networking for all application components providing greater efficiency and management of the process. The system also benefits from the latest OptiFlow powder pump technology, OptiFlow injectors can feed more powder with less compressed air, reducing the wear of the injectors and of the guns and increasing efficiency. All connections are equipped with a robust quick release mechanism enabling rapid access to all parts and allowing disconnection and reassembly with ease.

Jason continued “Whilst the same high standards are required across all parts processed in the Unifabs facility, the nature of them can vary significantly. This meant certain technical challenges had to be overcome when selecting the right system for the variety of work”.

Finishing Department Operations Manager, Steve Penney said of the chosen system, “It’s a fantastic system and our investment is living up to expectation, it’s a high speed, multi-metal and highly flexible line that delivers exceptional coating results. With rapid colour changes, highly efficient powder management and pre and post touch up stations, it’s the perfect system for the volume and variety of products we manufacture and for the quality we demand of ourselves”.

Managing Director, Jason Austin finished by saying, “By adding Gema’s flagship powder coating system to the facility we are now in a position to fulfil our ambition and provide our customers with a true end-to-end solution”.