

Application Success Stories



SENIOR ARCHITECTURAL SYSTEMS



Senior Architectural Systems has recently made a significant investment in upgrading its horizontal powder coating line.

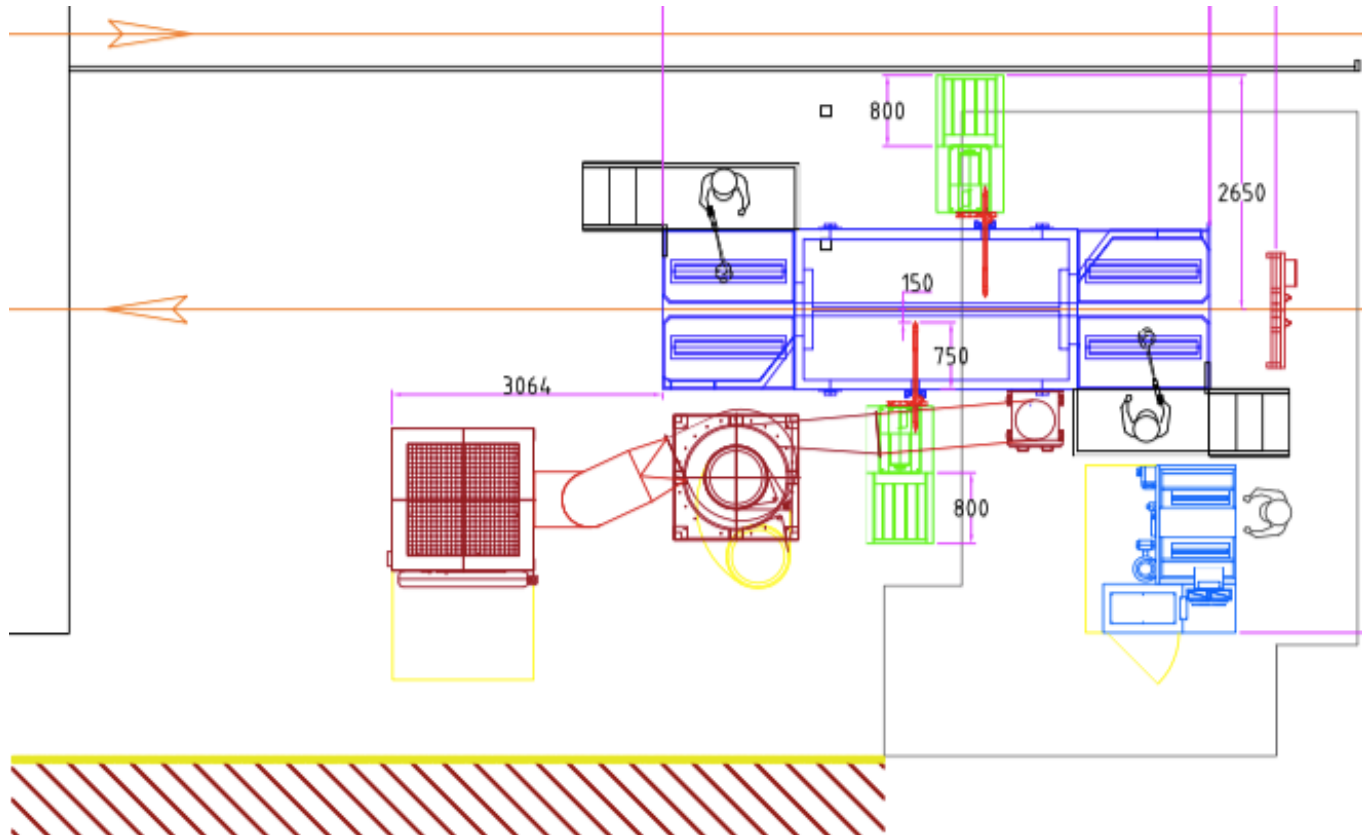
Fast colour change

Improved powder
yield

Repeatable and
consistent results

Application Success Stories

Layout



Application Success Stories

Installation Key Data

Parts:

Aluminium Profiles

Production data:

- 2000mm high
- 800mm wide
- 2.5m per min

System Type:

- Magic Compact BA04
- 8 Automatic guns
- 2 manual stations
- OptiCenter® OC03
- 10 AP01 Pumps
- CM30 control system
- Product recognition
- X & Y reciprocation



Application Success Stories



Company Profile: From small beginnings, Senior has grown to become the largest privately owned fenestration systems company in the UK, measured by turnover. By focusing on giving customers what they want when they want it, we are now the preferred choice for our

growing number of regular customers.

The investment: Whilst the company's vertical paint line is ideal for larger runs of over 100 aluminium bars, the horizontal paint line is the perfect way to coat smaller orders. Senior

chose a state-of-the-art horizontal paint line from Gema, who are widely recognised as world leaders in powder coating technology.

Application Success Stories

Key objectives and success areas:

- ✓ Higher quality finish – the whole paint line is automated and computer controlled, so that just the right amount of paint is delivered to all surfaces, giving a more even coating.
- ✓ Faster colour change – the time taken to change colour has been reduced from around 30 minutes to 10 minutes, giving greater flexibility and allowing more orders to be processed in a day.
- ✓ Less waste – the new equipment reuses waste powder, which will save 22 tons of waste paint being sent to landfill annually. That's good news for the environment.

Installation of the new paint line began in late January and just 2 weeks later the booth is fully operational and working perfectly. Six members of staff have already been trained to use the new equipment, ensuring that a fully trained operative is always available to fulfil orders, and deliver a first class customer service.

Customer comments:

Managing Director, Mark Wadsworth said "One of Senior's strengths is our ability to provide a complete fenestration service from design and supply of systems, through to powder coating, glass unit manufacture and delivery. This enables us to guarantee cost-effective, highly efficient and time sensitive turnaround, so that deadlines can be met

without compromising on quality."

"Our new horizontal paint-line will keep our Denaby paint facility at the cutting edge of powder coating technology, allowing us to provide a superior product and service, whilst significantly reducing our impact on the environment."

