

Application Success Stories

20 colour changes per shift with MagicCompact EquiFlow

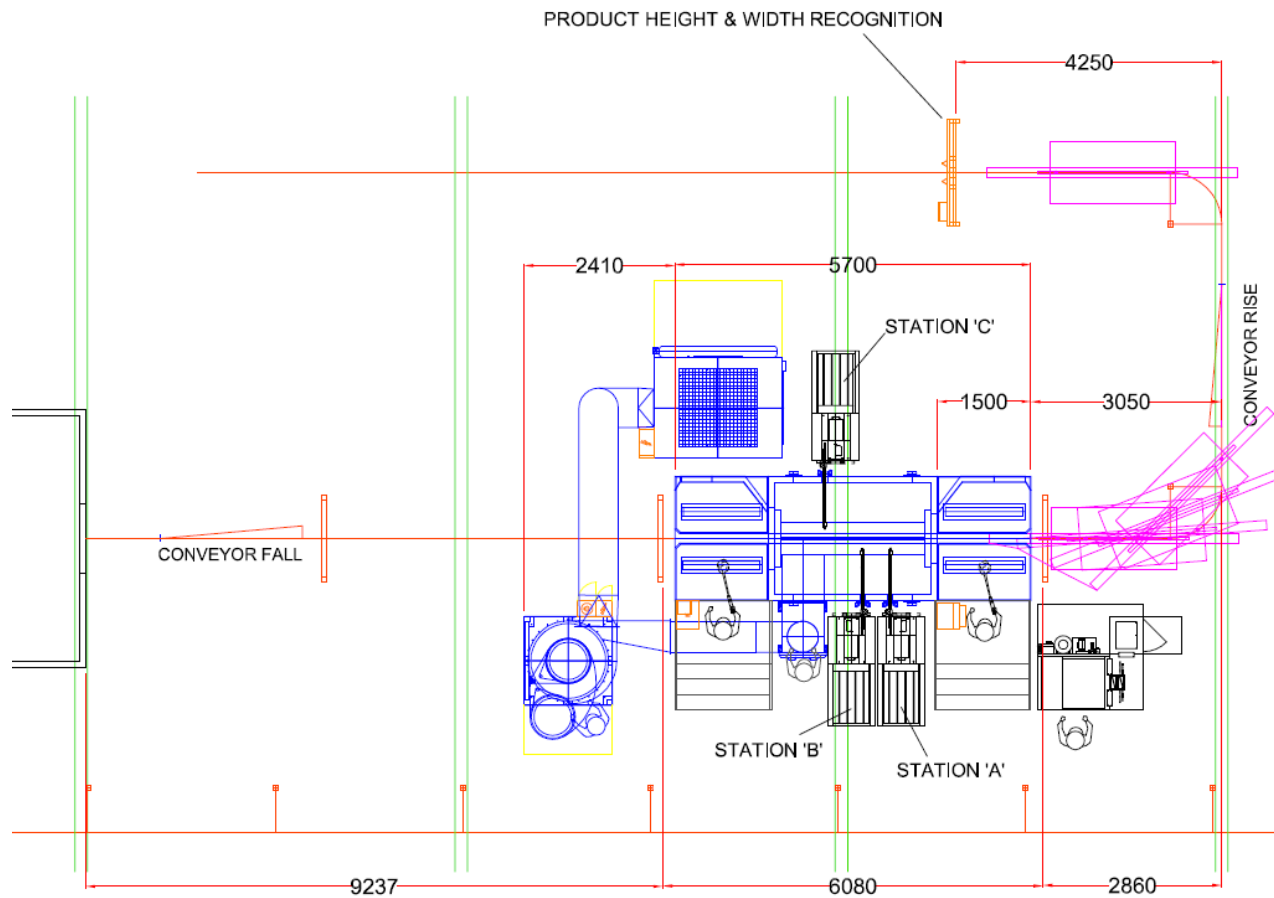


Quick Color Change

Powder Savings

Improved
Productivity

Application Success Stories



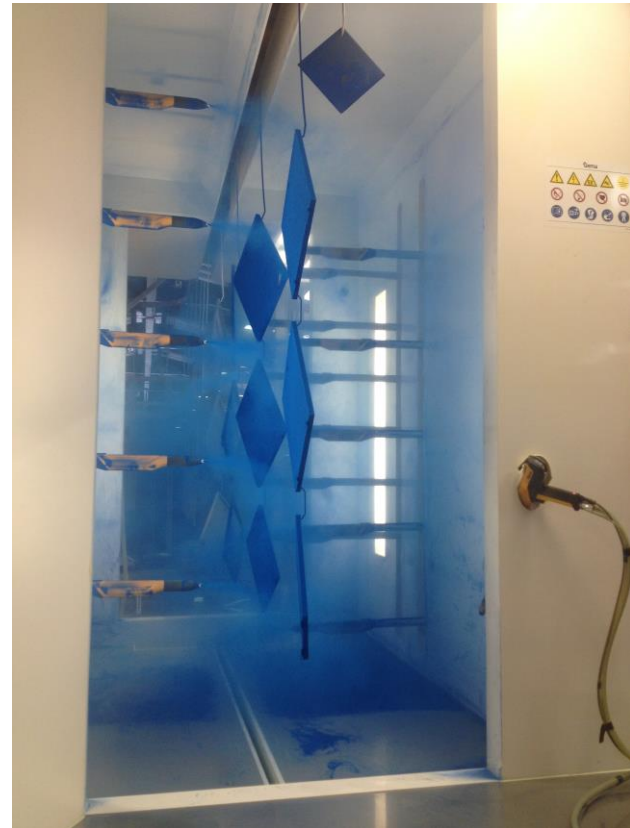
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Installation Key Data

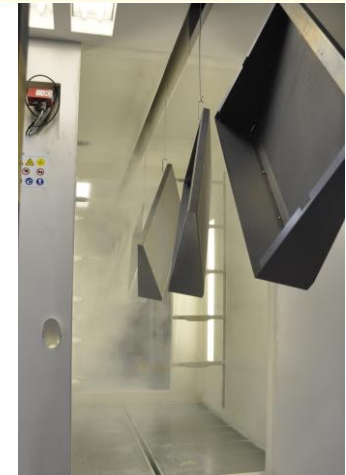
Parts: Metal products for workbenches, lockers, cupboards, trucks, trolleys

Scope of Delivery:

- Magic Compact EquiFlow booth
- CM30 System control
- 3 ZA06 Reciprocators fitted with X-axis
- Fire detection and suppression system to meet latest ATEX regulations
- 16,000m³ Mono-cyclone and Swing-wing filter
- OptiCenter©
- 18 GA03-AX automatic guns
- 2 OptiFlex2 manual guns



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Company Profile:

QMP is one of the UK's leading manufacturers of Work Benches, Lockers, Cupboards, Cycle Shelters, Workshop Equipment, Trucks and Trolleys. As a business QMP has committed to some significant capital investment programs, with over £1m invested in new manufacturing and process equipment in 2014. These investments include a new CNC lights out Punching and Shearing, CNC folding, Robot Welding, along with an Automatic Powder Coating system from Gema,

The challenge:

- ✓ Improve the high standard of product finish across the diverse product range
- ✓ Double QMP's coating capacity and capability to meet increasing demand
- ✓ Automate the internal and external coating of the high volume locker products
- ✓ Significantly reduce the waste produced during the coating process

Results using Gema products:

QMP's Paint Shop Manager Simon Hommer summarized the benefits: "Following the installation of the EquiFlow colour change booth we are now utilizing approximately 95% of the powder, and conduct in excess of 20 colour changes per shift. With an estimated 80% reduction in powder waste against the old process we are delighted with the overall plant efficiency. Coating the product interior has always presented a challenge, particularly in the case of the locker products, this is now a highly automated process thanks to the independent tracking reciprocator.