



**JUNAIR**  
SPRAYBOOTHS

## COMMERCIAL SPRAY BOOTHS CASE STUDY



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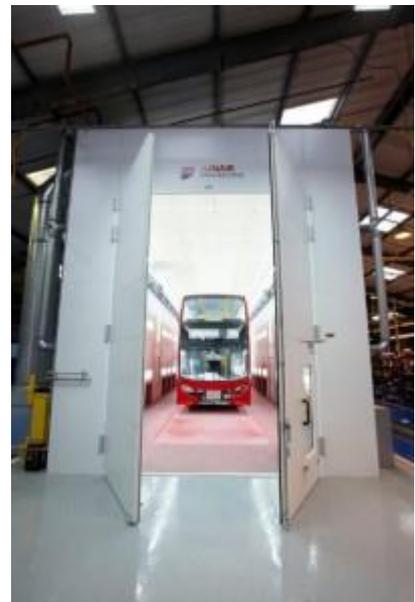
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## Junair Spraybooths Prove To Be Just The Ticket For Plaxton Bus And Coach Builders

With a name that is synonymous with all that is best in coaching it goes without saying that Plaxton Ltd required the same high standards when it came to choosing a supplier for a commercial vehicle spray booth oven to process the first double decker buses at their site in Scarborough.

Junair won the contract in competition with other well-known spray booth manufacturers by demonstrating their ability to meet the exacting design and engineering standards required but what proved key to Plaxton's decision was the technology Junair could offer.

Junair were able to offer Plaxton Ltd their patented QADs technology which ensured a consistent panel temperature, resulting in a minimum variation in panel temperature over the double decker bus from top to bottom, ensuring consistent paint curing. The addition of static neutralisation technology combined with the QADs ensured that strict health and safety requirements for painting double decker buses were met.



QADs is Junair's patented auxiliary air moving system and it provides the most effective drying and curing process available in the market today. The clean, filtered and heated air supply generated by QADs creates the ideal environment for the fast, controlled flash off of waterborne base-coats and the rapid through curing of low VOC top coats. The system is designed to cover the whole vehicle in one operation, ensuring that there is consistent drying of waterborne base coats.

Process times using QADs are significantly reduced, often by as much as 30%. As well as the faster process time achieved, curing temperatures are reduced, resulting in significant energy-savings and with the spiraling cost of energy this was of major consideration when choosing a new supplier.

As part of the booth specification, the Wallman access platform system was incorporated. This system runs within centimetres of the booth wall, which meant that the QADs could not be surface mounted. The QAD towers in the corners of the booth were corner mounted as normal and the central QADs were recessed neatly into the booth wall. All were fitted with pneumatically opening doors to prevent overspray landing on the jets.

Mr Alan Atkinson, General Manager at Plaxton Ltd said "Junair have delivered all our objectives in terms of spray booth performance and installation time. From the sales process, when they listened very carefully to what we required and what we wanted to achieve, through design and installation, Junair has delivered."

Based in Greater Manchester, Junair is the UK's leading manufacturer of Production Enhancing Equipment for the Bodyshop industry. Since its formation in 1989, Junair has been at the forefront of pioneering developments within the Spray booth Oven arena with innovative products such as QADS, Select Control Baking System and SN Automatic Static Reduction setting the standard for others to follow.

Other Junair Commercial spray booths have been installed at:

**UK Bus & Coach company, Optare – [www.optare.com](http://www.optare.com)**

Optare is one of the most respected names in the UK bus industry. It is no surprise that with a history of innovation and buses that are powered using various energy efficient technologies, from enhanced diesel technology to full electric drive lines, that they continue to grow and succeed.

Junair Spraybooths are proud to be awarded a contract to install their third booth at Optare. Initially Optare were considering re-locating their existing spray booth from another site, however following the overwhelming success of two previously installed Junair spraybooths they decided to invest in a third. Junair wish Optare continued success and are privileged to an equipment supplier to such a prestigious company.

**UK road sweeper company, Johnston Sweepers – [www.johnstonsweepers.com](http://www.johnstonsweepers.com)**



Johnston Sweepers new state-of-the-art production facility is flying up: Junair have made their first spray booth delivery, which is a drive through full CV Booth fitted with Junair's patented "QADS ECOactive" energy saving system. This will be followed by a twin shot-blast facility and is Phase 1 of the multi-million pound contract to deliver a state of the art paint shop for Johnston Sweepers, designed, manufactured and installed by Junair Spraybooths.

This will be followed in May by Phase 2 of the project, comprising of an overhead conveyor system and four drive through LCV Booths. To complete the project Junair will supply and install a centralised dust extractions system, a lux & motion sensing lighting system and radiant heaters. The whole project will be completed in 12 weeks ready for Johnston's huge increase in order intake. The system is being prepared for phase 3 comprising a powder coating system later in the year.