

HITEC SPRAY JOIN FORCES IN BLADES FACTORY EXPANSION

Blades Joinery is a long established partnership employing some 16 operatives specialising in high quality furniture and fittings for a very impressive corporate and private client portfolio. From quality office fittings for prestigious London companies to fit or re-fit new or refurbished multi-million pound residential dwellings, their service in providing the finished product is as “top draw” as you can get.

Their success has brought growth. A planned re-location and expansion provided the opportunity to re-fit their own sprayshop with three new spray booths (to replace the original two) and they were to turn to surface coating specialists, Hi-Tec Spray Ltd., (HSL) to deliver the £35k project.

Each of the three spray booths measured 3500mm deep x 4000mm wide x 3000mm high with a dry filter extract on one side and inlet filters to the other and were made of single skin, galvanised panels with glass panelled, double doors to the front. The performance of the specially designed, high powered fans delivered a superior capture rate of overspray than the previous system, improving the air quality within the booth and making the system more environmentally friendly as it meets HSE and HSG178 standards.

Gaining as much working width as possible in each booth brought its own obstacles as the outer limits were impeded by the roof pitch in the single story building. The extractor/inlet fans were to be located above each booth on a mezzanine floor and the ducting was designed to accommodate the limitation.

For future flexibility, alongside the air ducting, burner chambers to each room and a control panel were designed-in to facilitate a burner to be retrofitted at a later date.

Hi-Tec Spray Ltd. supply more than application equipment and plant in isolation. They also develop a partnership with their clients to design and develop turnkey systems, where, on the one hand – individual components work well independently, and on the other – collectively fit together like a glove. They are one of few companies able to pull both sides of the industry together to deliver that total professional solution



Caption: Hi-Tec Spray's 3-Spraybooth system in Blades' new 13000 sq. ft. facility in Kent.