

HITEC SPRAY AND STEVENS & CARLOTTI TURN ON THE HEAT

Stevens & Carlotti are leading sub-contractors of metal components and assemblies, fabricating sheet metal products, with industry wide applications, to an impressive portfolio of clients.

Delivering competitively priced products without compromising quality or service is part of their business ethos and has driven their readiness to invest in state-of-the-art equipment – a philosophy that led to Maidstone based, surface coatings specialists Hi-Tec Spray Ltd (HSL) being appointed a mainstream supplier.

Their continued growth since 1967 has recently encouraged the development of a new building dedicated to an additional wet paint spray facility to complement the existing facility that still runs alongside their powder coating plant in the original building. HSL were invited to design, install and commission two, fully enclosed spray rooms and one gas fired box oven. They were commissioned in June 08 at an estimated worth of £80k.

Of the two spray rooms the slightly smaller enclosure measures 5000mm wide x 4000mm deep and 3000mm high and is constructed from galvanised, mild steel panels. The extraction is at one end with filtered air replacement being introduced via hinged roof panels.

The larger booth, measuring 5000mm wide x 7000mm deep and 3000mm high is also constructed from galvanised, mild steel panels but with the double side extraction combined with the central roof input, creates a semi downdraft spray environment. This affords good all-round spray application, particularly when coating large products, without compromising extract efficiency in a large spray area environment. Both environmentally friendly booths operate on a forced shop air replacement system with the use of high-efficiency fans and filter media that meet HSE and HSG178 standards.

The Direct Gas Fired Box Oven measures 4000mm wide x 4000mm deep x 2500mm high. It is located between the two booths with 100mm thick mineral wool insulation within the wall and roof panels to prevent heat loss and to minimise running costs.

The roof insulation design also serves as a vertically vented explosion relief area to prevent personal injury in the unlikely event of explosion.

To the side of the oven is the wall mounted control panel with a sophisticated operating system incorporating every expected safety feature.

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.

Tel: 01622 356590

Email: sales@hitecspray.co.uk