

## Furniture Production Magazine Article/Case Study.

### SCHUBOX MULTI-INSTALLATION AT YP FURNITURE.

On the edge of Gainsborough, in the flat lands of Lincolnshire, a dynamic state-of-the-art furniture manufacturer is steadily carving out a reputation for design and quality. Y P Furniture is part of the JDP Group, John Payne being the Chairman. The Gainsborough operation is headed by Tony Churchill, a man with a track record of success in the furniture industry. Production is looked after by Geoff Dobson. Together they produce and supply direct to high street retailers. These top-level retailers demand a quality product for discerning customers.

YP Furniture realised that the finish of their furniture both clear and pigmented had to improve, at the same time throughput of the polishing shop had to increase to match the upgraded mill and a dramatic increase in orders. Having experienced the benefits of catalytic infra red drying/curing systems with Schubox units at other organisation, Tony and Geoff called in Schuberts.

A layout involving Schuboxes and driven/gravity roller conveyors was agreed and subsequently ordered. Three Schubox units (with a further one on order) service base and top coat booths. A range of assembled furniture is carried on carrier boards via a combination of free and driven conveyors, first to spray then to dedicated Schuboxes, on to de-nibbing and finally from the top coat Schubox, fitted with automatic doors, to fitting and packing.

This final Schubox incorporates the latest voc cleansing technology. The heavily VOC-laden air is taken during the flash off phase and 'cleansed' through a 'catalytic floss' material fitted in the Schubox. The high solids AC is fully cured in under 10 minutes and arrives at the out feed of the Schubox, perfectly dry with no odour, as is normally associated with this type of finish. This proves full cure and YP's success.

The Schubox technology is now accepted internationally. Schuberts work with agents in east Europe, the Netherlands, Scandinavia and shortly via a

'know how' swap, with an important Italian machinery manufacturer. This latter arrangement will assist in a rapid penetration of the auto-spray line market for water and solvent based materials including UV.