

Case Study: Protective Lacquer Coating Facility

Project: Machete Varnish Facility

Client: UK based manufacturer of agricultural tools.

Project Brief: To provide a new facility to apply a protective varnish coat to machete blades at a site in Ghana.



Our customer has over 140 years of experience in producing and marketing hand tools that are used in agriculture, construction, and horticulture. The brands are recognized throughout the world as the benchmark for quality by generations of farmers and general users.

The plant was designed and manufactured at our Staffordshire factory to provide a new facility to apply a protective varnish coat to the machete blades. The quality of the finish is moisture dependent which is a problem that we had to overcome for the Ghanaian climate.

The installation team travelled to Ghana and worked with the customers team to build the plant ensuring that the local maintenance crew had an in depth understanding of the facility. All was complete and tested on time ready for production to commence after the company's annual holiday.



Facility Comprising:

- Overhead conveyor system
- Dipping tank
- Flash off tunnel
- Tunnel oven

Plant Features:

- Energy efficiency
- Safe system for highly flammable varnish
- Capable to upgrade to new environmentally friendly coatings.

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