td finishing ltd.
paint & powder systems
Working With TD

UK BASED COMPANY
FORMED IN 2002
INSTALLED PLANTS WORLDWIDE
BESPOKE FINISHING PLANT
WET PAINT
POWDER COATING
E’COAT
PROJECT MANAGEMENT
FIRM FINANCIAL STANDING
Pre-treatment systems available for a wide range of industrial requirements

5 – Stage Oxsilan plant shown for bicycle manufacture
Pre-treatment plant shown
Stainless-steel – Oxsilan plant
1000 hours – 5 Stage
for contract powder coating
Pre-treatment - Finishing Systems

TD finishing provide a wide range of Pre-treatment systems including multi-stage online as well as automated dip-tanks.

Plants ranging from 2-stage degrease-phosphate and rinse to a to 7-stage+ qualicoat approved for over 1,000 hours salt spray test finish.

Chemical treatments available for use on any range of substrate suitable for powder coating.

Ancillaries

Where required equipment can be supplied with Reverse Osmosis Systems and PH correction.

Dip pre-treatment systems are also available with gantry crane and drying well ovens.

For more information;
Email andrew@tdfinishing.co.uk or call 07852 445667
Large conveyorized Powder-curing oven during installation, with power and free conveyor system and double floor-mounted heater units
Conveyorized Air-recirculating convection ovens are available to suit any size or product or process requirements.

Image Shown: GKN Wheels Powder coating oven, 6 pass 200°C oven for 60 minute cure process before 72 minute cooling.
TD Finishing Negative Pressure Air-seals.
Designed to minimise heat loss and prevent powder loss
Shown: Lasershape – Curing oven, entrance and exit
Oven Design

TD Finishing manufacture a wide range of industrial ovens, supplying a great number of industries including; Rail, Oil & Gas, Defence, Marine and Aerospace.

TD Finishing powder cure ovens are designed to produce the highest performance, 150 mm high-density insulation, negative pressure air seals and custom distribution ducting design all contribute to a close temperature uniformity, oven efficiency and a high-quality product finish.

Energy Efficiency

As a priority, TD are focused on energy efficiency, and running costs. All equipment includes modern, highly-efficient package-gas burners. And, where applicable the burners supplied will be fully modulating Gas & Air.

Our electric Ovens and Dryers are supplied with high-efficiency stab-in heater packs and all electrical wiring is completed to a very high standard in line with the latest edition IEE Regulations.

For more information;
Email andrew@tdfinishing.co.uk or call 07852 445667
Sidetrack Conveyor System
Heavy Duty Side Mounted Conveyor System Detail
Automation

For powder application TD finishing work with leading Spray booth manufactures to provide turnkey automated systems. Including automatic coating, no-part no-spray pre-treatment, chemical dosing, as well as power and free conveyor systems.

As with powder, TD finishing also offer plant solutions for the wet-spray market. Including Spray-booths, Robots, Paint delivery, Paint Kitchens, Flash-off, and Infrared Curing Ovens among others.

Quality

TD Finishing excel in the provision of high-quality, reliable and robust systems.

We know that your customers demand excellent and consistent finished product. so no matter if it’s doors, cars, furniture or bikes our installations are built to suit your product, your factory and to ensure satisfied customers.

For more information;

Email andrew@tdfinishing.co.uk or call 07852 445667
Brompton Cycles Control Panel for Pre-treat, drying oven, curing oven and conveyor system.
Control Systems

TD Finishing equipment is available with full PLC control allowing for recording and viewing in real time the status of your facility. Whether you have remote access or a large plant, operators are able to see at a glance that your production is running smoothly.

Giving readings of purge timers, set-point, current temperature, conveyor status, and well as fan / burners / pumps running. All of which can be recorded and supplied with your finished product to improve quality control.

Design Capabilities

TD Finishing offer a full CAD and electrical design package. The in-house engineering team are able to take your ideas and requirements from concept to commissioning.

With a combined experience of over 70 years, innovating plant design and installation, the Team at TD can supply equipment to any requirements.

If you have any industrial finishing requirements please do not hesitate to contact us below;

For more information;
Email andrew@tdfinishing.co.uk or call 07852 445667
Conveyorized powder coating plant installed for contract coating at Lasershape. Plant includes Oxsilan Pre-treatment system, RO Water treatment drying oven, auto powder-booth, Curing oven and side mounted conveyor system.