

Airedale

With over 40 years' experience Airedale are a leading supplier of air-conditioning units, exporting to over 60 countries worldwide. Unfortunately in 2014 the Airedale facility was consumed by a catastrophic fire completely destroying their production facility. In the aftermath of the fire Airedale soon realised that they could turn this to their benefit by commissioning a state of the art paint finishing line and completely revolutionising their facility.

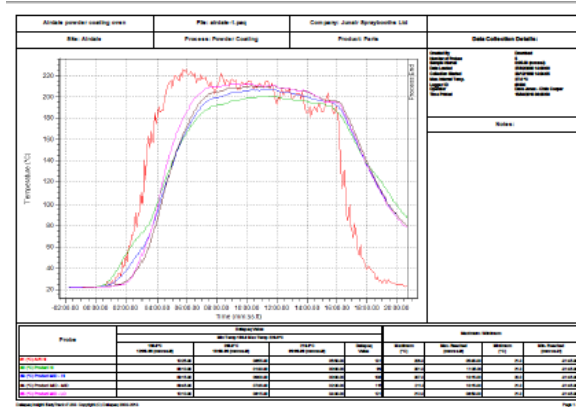
In order to ensure that Airedale could continue limited manufacturing, whilst their new factory was being rebuilt, Junair installed a manual powder coating facility with a box oven and overhead product handling facility at a temporary manufacturing site. On completion of the new factory, the manual coating equipment was relocated and is now being used for larger products and one off units.



The brand new state of the art factory now includes a fully automated powder coating line, comprising of a powered overhead conveyor, a high temperature tunnel curing oven and a fully automatic powder coating booth with powder reclamation and fast colour change. The conveyor system was specified to a high level to include a fully automatic lubrication and tensioning system ensuring its longevity. The entire layout of the conveyor was redesigned to include large radius curves and to minimise floor columns for the supporting steelwork, ensuring longer items can pass through the paint line. The whole plant was optimised to ensure the process is more workable and units are easier to load to unload from the powder coating line.

The thermally efficient cure oven used to cure the air conditioning units, has proven to have an extremely even temperature curve, ensuring consistency of output and the energy efficiency of the plant. The oven has 150mm high density installation to walls and roof for optimum efficiency, and has been fitted with

modern specification burner systems.



The complete line was designed in accordance with Gema who provided the latest in powder coating application, recovery and fast colour change facility.

As the equipment is housed within the main manufacturing area, and the new plant forms part of the factory tour, the installation was therefore required to be well finished and aesthetically pleasing.

Angus Trenholme, Technical Director, Junair Spraybooths commented “The fire at Airedale was devastating to the factory, however they’ve managed to turn things around and now own a world class manufacturing facility. Straight from handover Airedale reported a full rate of production. We’ve managed to turn a tragedy into a success story.”

For more information on how Junair can help you visit www.junair.co.uk, call the experienced team on 01706 363 555 or alternatively email sales@junair.co.uk