

Case Study (Turnkey)



Thompson and Capper Ltd, located in Runcorn UK, have a number of side vented coating pans, including a CSI TechniCota 400 installed in 2004. With a growing demand for products, they needed to increase their coating capacity. CSI were pleased to be selected as the supplier of choice for a new machine.

CSI is part of the Lark Technology Group, therefore CSI were able to offer a full turnkey installation solution; providing comprehensive electrical and mechanical expertise from within the Lark Technology Group of companies.

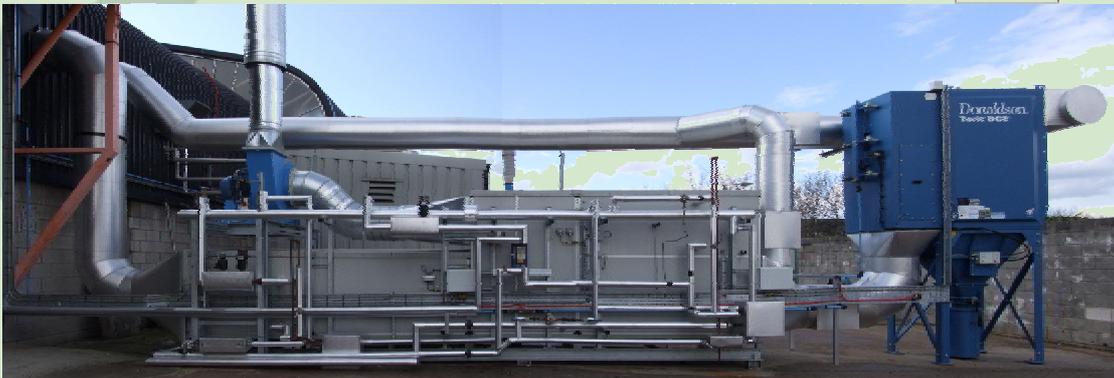
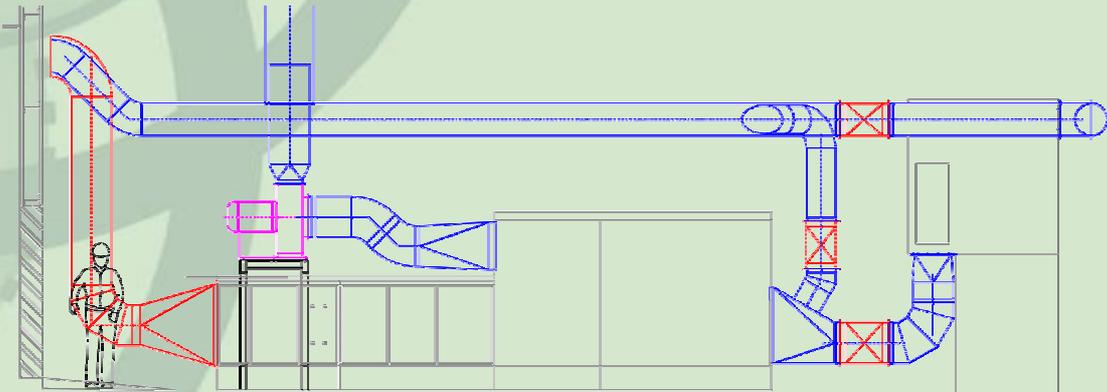
Making CSI the overall manager of the installation project reduced the time spent by Thompson and Capper on project work. Their main involvement being strategic decisions about when site services could be disrupted.

Some of the key project milestone events:

- Air compressor replacement and upgrade.
- Steam connections and manifold expansion.
- HVAC equipment placement.
- Machine and electrical panel placement.
- Ductwork installation with insulation.
- Electrical interconnection.
- Pipe work interconnection (Steam, Air and Water) and insulation
- Main electrical supply connection.
- Site acceptance testing (commissioning).
- Product testing.



HVAC Installation



IQ/OQ Validation was undertaken by Thompson and Capper, utilising documents and support provided by CSI.

Calibration service was also completed by CSI on all critical process loops.

The completed system was put into operation with comprehensive equipment training for the production staff, with process support supplied by CSI coating technology staff.

Many thanks to Thompson and Capper for their support and permission to publish this case study



THOMPSON & CAPPER LIMITED