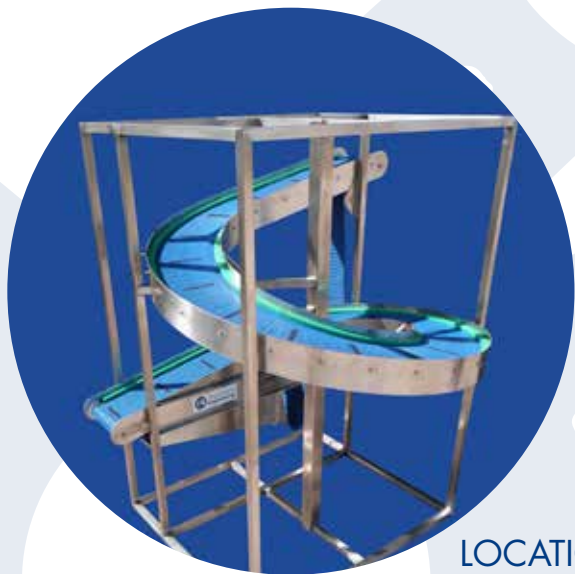


AUTOMATION CASE STUDY

Eccleston Engineering was engaged by a large food manufacturer to provide a single solution to counteract two issues on a production line in Wigan. The problems to overcome comprised a height difference between adjacent processes on the line and the requirement for a time lag in the process to allow for cooling. Additional considerations included access to the line through standard doorways and integration with the controls of the overall line.

A site survey and discussions with the client produced a detailed specification for both the performance and physical characteristics of the conveyor.

The design and build process included trials with various belt materials, in-house fabrication and rolling of stainless steel, together with gearing and motor control design.



The solution comprised a spiral conveyor which integrated seamlessly with the overall line but is not sensitive to temperature change experienced in the process.

Eccleston Engineering worked closely with all members of the team, including the client, end users and suppliers to ensure this bespoke solution was delivered on-time and on-budget.

Throughout the entire process we always considered the requirement to deliver this project safely, reliably and to the highest standard.

LOCATION	Wigan
CHALLENGE	Provide a conveyor capable of height and temperature change, whilst introducing a time lag for cooling
SOLUTION	Bespoke spiral conveyor with integrated controls