

Metals Sector

Control system upgrade supports new use for an existing production line and a site wide lean manufacturing strategy



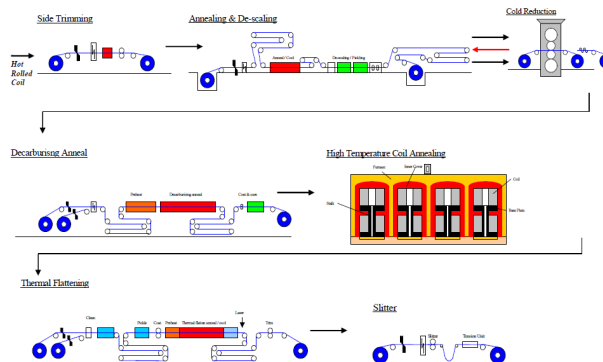
With more than 40 production sites supplying a vast range of steel products to manufacturers worldwide, our client made a strategic decision to revamp one of its UK production sites to produce a specialist product – Grain Orientated Steel, used in high power electrical components.

The Brief

To revamp one of the existing process lines the client wanted a single supplier to provide the whole project scope, with a proven track record of delivering safely against a challenging schedule.

Scope of Services

- System Design
- PLC and SCADA Systems
- MCCs
- Drives Suites
- Control Desks
- RIO panels
- Network
- Electrical Installation
- Commissioning
- Support



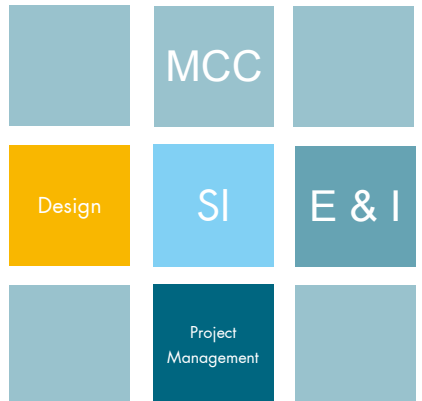
Scope of Supply

- Project Management
- Site Survey & Drawing Verification

Key Features

- Line drives arranged to regenerate via an Active Front End, reducing harmonics, saving energy and capital costs.
- Wide use of Profibus DP (replacing discrete cabling) enables faster commissioning and enhanced, centralised diagnostics.
- High Availability Fibre Optic Network supporting PLC and SCADA communications
- New safety guarding zones implemented.

Control System Upgrade



Value Added by Boulting

- Project team co-located with client to save time during design phase.
- Whole scope ownership.
- Ongoing support