

SCX

 *Special Projects*



EC&I >

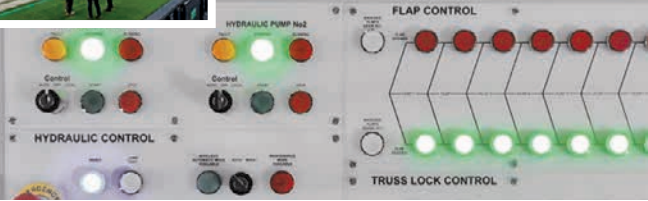
Electrical, controls and
instrumentation for reliability,
accuracy and safety

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EAST SURROUND CONTROLS

EC&I Proj +GM1- (E)UC1-1
PERFORMANCE SCIENCE SCX



> Tottenham Hotspur 10,000t retractable pitch

The pitch and touchline retracts in 25 minutes, by remote control
There are 290 electric motors and over 140 hydraulic cylinders
The EC&I system contains over 1,800 devices and 148 enclosures



> 2x 25t nuclear Goliath cranes

Semi-automated positioning controls and full SCADA system
Remotely operated using 14 HD CCTV cameras per crane
Multi-layered functional safety designed to IEC 61508 standard



> Two concertina roofs at Wimbledon

Both roofs close in 10 minutes, operated from a central control room
Each roof has up to 120 actuators, 44 motors, 164 servos and 50 VSDs
Complex integrated mechanical and electrical design solution



> EDF Energy 150t nuclear fuel route crane upgrade

Full EC&I systems retrofitted to existing fuel route crane
Includes new wireless controller and full SCADA system
EC&I and safety design to IEC 61508, ISO 12100 & ISO 13849

> Call us on 0114 262 6199 or email info@scx.co.uk



- > **Magnox Berkeley ILW import/export nuclear cranes**
2x 32t semi-automated cranes with bespoke rotating grapple
Two MotoSuiateur load arrest safety devices per crane
Multi-layered functional safety designed to IEC 61508 standard