

# EPL Composite Winding Project



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## The Brief:

To design and commission a KR210 based robot cell to provide a development platform for EPL to carry out studies on winding composite fibre onto a robot held former.

This included the following activities:

- To design and install guarding to suit the floor requirements at EPL (now Haydale Composite Solutions)

- To design and install cell controls for the KR210 robot and KRC2 Edition 5 controller.

- To install and commission the robot at Haydale's premises.

- To provide programming training for the new cell.

(Tool path programming is carried out using CADFIL software)

## The Cell Consists of:

KR210 Robot.

KRC2 Edition 5 Controller with KSS 5.4.14.

Beckhoff IO Modules on DeviceNet.

Sixteen Inputs.

Sixteen Outputs.

Robot and guarding mechanical Installation.

Robot, guarding and small control panel electrical Installation and commissioning.

Robot programming training.

Pricing for Equivalent Cell in UK:

£24,500