



PROJECT DETAILS

Customer: Pump Parts Ltd.

Website: <https://www.pumpparts.com>

Category: All, Robotic Welding

Skill: Supplying the Concrete Pumping, Piling, Screeding and Grouting Industries

Date post: June 12, 2017

The Brief: The project consists of the integration of two Kuka KRC2 y Kuka KR100P. Robots one will be carrying out the handling work and the other the welding.

The project consists of:

- The cell has one infeed conveyor to bring the pre-tacked welded parts into the cell, an outfeed conveyor for the completed parts and also a steel pipe gravity fed supply chute.
- The welding operations will be handled by the welding robot and the part manipulated during welding by the handling robot for the small parts from the conveyor and by the welding robot alone for the pipes

- Phoenix will design, build, test and deliver a control panel for the installation
- Operator control panel Phoenix will design, build, test and deliver a small enclosure fitted
- Commissioning robots and panel: Phoenix Control Systems will commission on site the two robots and the phoenix control panel
- Safety devices
- Cell operation robot code

Scope Description in Detail:

Robot and Turntable:

For robot and turntable mechanical mounting, electrical supply.

Includes: Mounting stud, Nuts and washers, Resin, Supply cable X1, X1 Harting connector, 16mm Earth bonding cable and lugs.

