



COBOTWELDING

A Simple Solution To Automating Your Welding Workflow

DesignPro Robotics provides a cost-effective robotic welding system to easily integrate with your existing manual welding power source. It is ideally suited to repetitive applications that involve low-volume, high-mix products.

Developed specifically for small to medium fabricators this solution offers an economical way to advance the capabilities of your welding operations.

www.designprorobotics.com

EASYINSTALLATION

The system includes a FANUC CRX-10i/L industrial-strength collaborative robot that connects directly to your in-house power source. Once installed the cobot is programmed to communicate with your power source allowing the operator to quickly specify start and finish welding points by a simple drag and drop programming process.

This is a lightweight and compact solution which allows for easy integration into any work area offering welders the flexibility to switch effortlessly between manual or robotic welding.

- ✓ Easy to program
- ✓ Utilises your existing setup
- ✓ Free training
- ✓ 8 years maintenance free
- ✓ 18 month robot warranty

A Welding Solution That Offers A Clear Return On Investment

TECHNICAL SPECIFICATIONS

RELIABLE HARDWARE

The FANUC CRX cobot is safe, flexible, quick to implement, and easy to program. This model has FANUC's renowned reliability and 8 years of maintenance-free operations to meet the production needs of today's fabricators.

This cobot welding solution is available in two setup options which include the following:

1. MANUAL SETUP - Hardware Supply (Single Station Setup Module)

Fanuc CRX-10iA/L Cobot

LR ArcTool Program set

Weld Power Source Comms Unit with ARC confirm

Fanuc Dual check safety/speed check function

In arm Operational Switch unit - for point saving

Robotic Torch (360A - Air cooled)

3m Hose pack for 0.8-1.4mm Øwire - Connector Options (Std: Euro Connector)

Torch mount EOAT

Start/Stop/E-stop Interface (x1)

Robot Base Mounting Plate

€57,000

2. ADVANCED AUTOMATIC SETUP - Hardware Supply

Includes Basic Manual Setup specifications plus:

- Comms with high-end Robotic Power sources - (Lincoln/Fronius weld libraries)
- Arc Easy Teaching function
- ARC Torch Mate/ ARC Sensor/Touch Sensor (applicable with robotic power source)
- EtherCAT slave function
- Allows for Safety Device interface - required if working at higher speeds (safety device plus on site assessment/integration costed separately)

€60,000

TRAINING & SUPPORT - included in both setup options

- 1 day introduction and system setup at DesignPro with your power source.
- 3 days at your site - support and training at the final workstation.

ROBOT TORCH OPTIONS



EDR - 42 G Torch - 300A Ø1.0-1.2mm wire (suitable for less demanding applications).

Binzel Abicor - ABIROB A360 Ø0.8-1.6mm wire (suitable for standard applications).

Tregaskiss - BA1 Cobot 385A Air Cooled Mig Gun (suitable for standard applications).

* Note: Nozzle/Tip adapter/wire (liners) to be configured in order to suit. Higher AMP torches available on request.

RENTAL OPTIONS (prices based on Manual Setup)

	12 months	24 months	36 months
Price Per Month	€1,833	€1,396	€1,250
Cost to buy out at end of year	€43,750	€32,000	€19,000