COOPER™ COBOT PACKAGE

Collaborative Welding System

CUSTOMIZE YOUR COBOT SOLUTION.

Across many industries, finding skilled welders is difficult. In finding the best solution, automation is usually the most practical and cost-efficient answer. In order to give you the ability to customize a cobot solution to meet your specific welding requirements, we created the Cooper cobot package.

Our expert automation engineers can work with you to design and build a custom cobot solution. Custom options include robot risers, tabletops, positioners and fixtures. If you choose to build your own system, we make it easy by providing the key components you need within our Cooper Package.

Ideal For »
- » High-Mix Job Shops
- » Repair & Remanufacturing
- » Part Resurfacing & Reconditioning
- » Roof & Bridge Trusses
- » Mechanical Contractors & Pipe Shops
- » Agricultural Equipment
- » Steel Fabricators & Metal Service Centers
- » Training & Educational Programs

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LINCOLN ELECTRIC®

The Cooper Package provides an option to customize a cobot solution to meet your specific welding requirements.

WHAT'S INCLUDED:

» FANUC® CRX-10iA or CRX-10iA/L with tablet based Teach Pendant (TP)

» Integrated pushbutton torch control

» AutoDrive® 4R100 Wire Feeder

» Power Wave® R450 Welder

BENEFITS:

INCREASE PRODUCTIVITY & WELD QUALITY

» The Cooper Package enables steel and stainless welding with an industrial Fanuc® CRX robot driven by a Lincoln Electric Power Wave® R450 power source. The Power Wave software controls and monitors welding processes delivering the highest levels of weld quality and productivity — exactly what you need to be more competitive.

RELIABILITY

» The CRX FANUC cobot features the same components and technology proven in the most rigorous industries for over 30 years. FANUC backs their reliability by providing a guarantee of eight years ZERO maintenance on motors, reducers, sensors, cables and grease.

SUPPORT TO HELP YOU SUCCEED AT AUTOMATION

» We offer FREE on-line training, in-person training classes, the support of 275 technical sales representatives, and the expertise of 115 robot technicians.

EASY TO USE PROGRAMMING

Lead Through Teach
— Fluidly guide the arm into the correct location by hand using the torch-mounted enabling device
— Use torch handle to manipulate the finishing push and weld angles when in the joint

Dual-Action Pushbutton Interface
— Pushbuttons designed directly into the torch allow any skill-level operator to teach points easily and create programs fast
— Record points directly at the torch and reduce cumbersome programming
— Record approach points with one button and weld start/end with the other
— Illuminated buttons indicate when points have been recorded

Touch Panel Tablet Teach Pendant
— The new tablet teach pendant, featuring icon-based, timeline programming reduces the learning curve. Simply swipe icons in or out of the timeline, or tap them to modify.

Lincoln Arc Welding Plug-In
— Receives input directly from pushbuttons at the integrated torch, automatically recording points on the timeline
— Operator can clearly see specific arc start/end points on timeline and "tap" to change weld parameters

Product Name	Product Number	System Dimensions L x W x H in (mm)	Robotic Arm Payload lb (kg)	Robotic Arm Reach in (mm)
Cooper Package CRX-10iA	AD2495-1	60 (1524) x 32 (812) x 67 (1701)	22 (10)	49.2 (1,249)
Cooper Package CRX-10iAL	AD2495-2			56 (1,418)

Conditions:

Users and employers have the sole responsibility for and control over workplace conditions, including the manner in which work is performed and the safety measures taken. Always read and follow applicable regulations, such as OSHA, as well as all information on product labeling, operator's manuals, and safety data sheets when using Lincoln Electric products. Safety data sheets for Lincoln Electric products can be found at http://www.lincolnelectric.com/en-us/support/msds/Pages/sds-search.aspx. Users and employers should have an industrial hygienist check worker exposure levels to be certain that they are within applicable limits, such as OSHA PEL and ACGIH TLV limits, for the particular application or weldment.

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