

COOPER WELDING COBOTS | WATER-COOLED COLLABORATIVE WELDING SYSTEMS



Cooper Cart CRX-10iA/L
Water-Cooled Welding Cobot



Cooper Platform CRX-10iA/L
Water-Cooled Welding Cobot

Renders are for reference only

COOPER™ WELDING COBOTS | WATER-COOLED

Finding skilled welders continues to challenge many industries. The solution? Automation! We combined more than a century of innovative welding know-how with your real-world automation needs to create our Cooper™ welding cobots. Cooper welding cobots are available as a compact cart or platform system. The carts are designed to move anywhere you need to weld; platform system provides an unrestricted work zone to accommodate your part tooling needs how you mount or integrate into your operation. It's the affordable, game-changing solution you need to level up your welding and your business!

SYSTEM INCLUDES

- FANUC® CRX robot with tablet-based teach pendant
- Power Wave® R450 robotic welding power source
- AutoDrive® 4R100 wire feeder
- MAGNUM® PRO water-cooled torch
- The Cooper App
- Fault reset palmstation
- Fixed welding table*
- Heavy-duty casters*
- Stabilizing kickstand*

*Included in Cooper CRX-10iA/L welding cobot cart systems only

INDUSTRIES

- High-Mix Job Industries
- Part Resurfacing & Reconditioning
- Repair & Remanufacturing
- Roof & Bridge Trusses
- Mechanical Contracting & Piping
- Agricultural Equipment Manufacturing
- Steel Fabricating & Metal Service
- Training & Educational Programs

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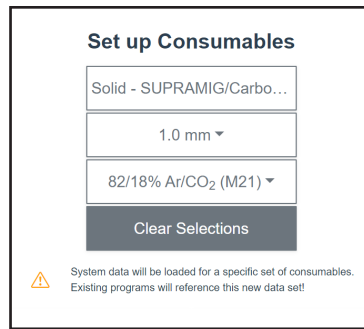


KEY FEATURE THE COOPER APP

Simplified Programming

- Linear welds
- Circular welds
- Editing/customizing
- Optimized angles
- Work and travel angles
- Preset Weld By Numbers™
- Multi-pass welds*
- Multi-pass templating*

*FANUC Thick Plate Weld Package required



Easy User Interface

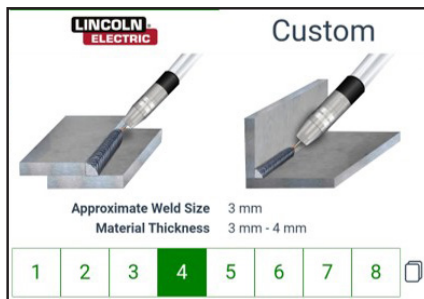
Step-by-step on-screen instructions allow operators to learn how to teach points and create a program fast.

Smart Torch

Smart Torch design provides an ergonomic grip for users to easily move the collaborative robotic arm. The integrated buttons allow users to program from the torch.

Preset Weld Menu

The Cooper App includes presets based on wire size, type, gas mix, and thickness of material being welded and/or joined. The Weld By Numbers™ feature (shown below) offers preset weld settings. Dozens of parameters are preset in these numbers, which correlate to the material thickness to optimize weld performance and quality.



PRODUCT SPECIFICATIONS

Product Number	Model	Dimensions L x W (mm)	Robotic Arm Payload	Robot Arm Reach	System Weight	Application	Payload
AS-RM-91506470	Cooper Cart - CRX-10iA/L Water-Cooled Welding Cobot	1672 x 800	10 kg	1,418 mm	500 kg	Intensive - 450A@100%	226 kg
AS-RM-91506570	Cooper Platform - CRX-10iA/L Water-Cooled Welding Cobot	1480 x 1000	10 kg	1,418 mm	710 kg	Intensive - 450A@100%	-

CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, and cutting equipment. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation or application. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the definition of specifications, and the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

BENEFITS

The Cooper App Gives You Control

The innovative Cooper App will help you quickly program and produce quality welds!

The Power Wave R450 Makes It Possible

The industry-leading Power Wave R450 power source provides fast travel speeds and low spatter generation.

The Support You Need for Automation Success

- FREE online training resources available at lincolnelectric.com/cobots
- In-person training classes available
- Trusted support/expertise with our 8 European ARC facilities and your local sales representatives

OPTIONS AVAILABLE

- Modular tooling table top
- Onsite startup package - 2-day coaching and prep session with one of our cobot subject matter experts
- Linc Extrator for fume extraction torch

**Fume Extraction performance will depend on final application and working environment. For operators' safety but also for the protection of the environment, user has to collect and filter welding fumes. Consult us to see the possible options*