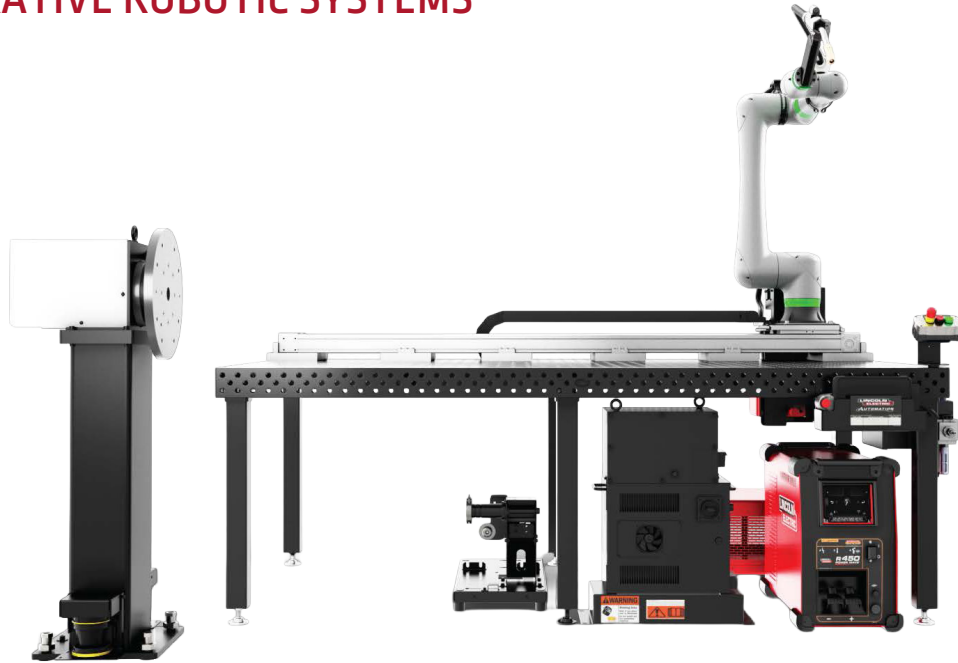


COOPER ADAPT WATER-COOLED WELDING COBOT

COLLABORATIVE ROBOTIC SYSTEMS



Cooper Adapt Water-Cooled Welding Cobot
with Optional Rotary Positioner

Renders are for reference only

COOPER ADAPT WATER-COOLED WELDING COBOTS

The Cooper ADAPT cobots are scalable, collaborative automation solutions designed for high-mix manufacturing. The multi-zone layout allows simultaneous welding and part prep, while boosting throughput without increasing footprint. The track-mounted robotic arm extends reach across the worktable, while the Cooper App simplifies programming with an intuitive interface. Cost-effective and easy to integrate, the Cooper ADAPT cobots help manufacturers stay agile as part designs and production needs evolve.

Water-cooled systems are ideal for commercial welding duty cycles.

SYSTEM INCLUDES

- FANUC® CRX™ with tablet-based teach pendant
- Power Wave® R450 robotic welding power source
- AutoDrive® 4R220 wire feeder
- MAGNUM® PRO water-cooled wire-brake welding torch
- Cool Wave™ 20S water cooler
- The Cooper App
- Fault reset palmstation
- 4' x 8' Siegmund® worktable
- 8' PHD® Inc. linear slide (track)

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

Processes Made Simple

- Linear welds
- Circular welds
- Stitch welds
- Multipass welds
- Editing/customizing
- Optimized angles
- Work and travel angles

Setup Consumables

Metal Core MC70 XLS ▾

0.045 in ▾

90/10 Ar/CO₂ ▾

Clear Selections

Easy User Interface

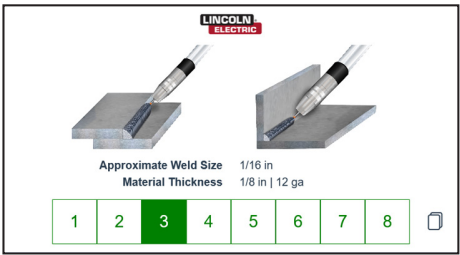
Step-by-step on-screen instructions allow operators to learn how to teach points and create a program fast.

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 By Numbers Menu

The [Weld By Numbers](#)™ feature (shown below) offers various preset weld settings based on wire size, type, gas mix, and material thickness.



BENEFITS

The Cooper App Gives You Control

The innovative Cooper App will help you quickly program and produce quality welds with [standard](#) and [advanced](#) features!

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 Success in Automation

- FREE online training resources available at lincolnelectric.com/cobotresources
- In-person training classes available
- Trusted support/expertise of 275 sales representatives and 115 robot technicians

OPTIONS AVAILABLE

- Tooling table clamp kit [AD2498-3]
- Onsite startup package - 2-day coaching and prep session with one of our cobot subject matter experts [AD2498-8]
- HyperFill® twin-wire MIG welding process
- X-Tractor® 2 Fume Gun on-torch welding fume extraction system ([learn more](#))
- CSA certification

PRODUCT SPECIFICATIONS

Product Number	Model	Table Dimensions L x W x H in (mm)	Robotic Arm Payload lb (kg)	Robot Arm Reach in (mm)	System Work Envelope in (mm)	Table Weight Capacity lb (kg)
AD2650-2	Cooper ADAPT Water-Cooled Welding Cobot	59 x 35 x 38.5 [1,498.6 x 889 x 977.9]	22 [10]	64 [1,620]	44 x 96 [1,176 x 2,438.4]	2,000 [4,409]
Request Quote	Rotary Positioner - 1000mm Riser	N/A	N/A	N/A	N/A	N/A
Request Quote	Rotary Positioner - 900mm	N/A	N/A	N/A	N/A	N/A
Request Quote	Rotary Positioner - 800mm	N/A	N/A	N/A	N/A	N/A

CUSTOMER ASSISTANCE POLICY

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