

DATA SHEET

Cobot Arc Welding STEM Education Cell



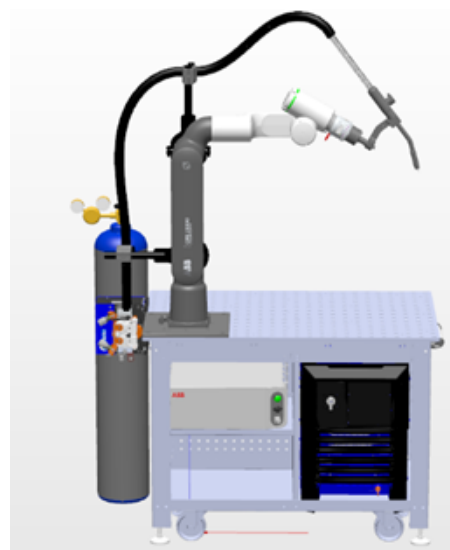
ABB's Cobot Arc Welding STEM Education Cell is designed to maximize the required training needs to master robotic welding programming, electrical service, mechanical maintenance, and off-line/on-line software packages. All educational software packages are included with the robot.

Features and Benefits

- GoFa CRB 15000 collaborative robot
- OmniCore C30 Controller with best-in-class motion control
- FlexTrainer Welding Cart
- Welding Process Power for CRB 15000
- Miller Auto-Continuum 350 Digital Welding Package
- Welding Torch with Miller Power Pin
- 100 free RobotStudio premium licenses
- Lead-through programming anywhere on the robot
- User friendly FlexPendant with Wizard easy programming, HMI Interface, and HMI Functionality
- Superior power and force limiting performance through integrated torque sensors
- TCP speed of up to 2.2 m/s,* GoFa is faster than other cobots in its class
- 950 mm reach: 12 percent longer than comparable 5kg cobots

Advanced Package

- Everything above plus Welding Function Package with Easy Teach Device



Cart Dimensions: 60L x 30W x 40H

CRB 15000 - GoFa



Robot version	CRB 15000
Reach (m)	950
Payload (kg)	5
Armload (kg)	No armloads*
Number of axes	6
Protection	IP54
Mounting	Any angle, including table mounting, wall mounting and ceiling mounting
Controller	OmniCore C30
Customer power supply	4 signals (for IO, Fieldbus or Enthernet)
Tool flange	Standard ISO 9409-1-50
Functional safety	SafeMove Collaborative included All safety functions certified to Category 3, PL d

* See product specification for details.



Scan the QR code to view our education website.

ABB Ltd.
For more information about our program please contact: Karin Polasek
Inside Sales Representative
Email: Karin.G.Polasek@us.abb.com
Call: +1 248-391-8683

abb.com/robotics

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB AG does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB AG. Copyright© 2023 ABB. All rights reserved.