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
- 100 free RobotStudio premium licenses
- Fits through a standard door
- Ability to attach/detach work parts
- Lead-through programming anywhere on the robot
- User friendly FlexPendant with Wizard easy programming
- 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 5 kg cobots
- Powered by OmniCore with best-in-class motion control

Additional Options

- B&R Touchscreen HMI
  - Great way to interact with the robot while it's operating
  - View I/O statuses
  - View robot statuses
  - Display and view curriculum materials, PDFs, manuals, and more

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.

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