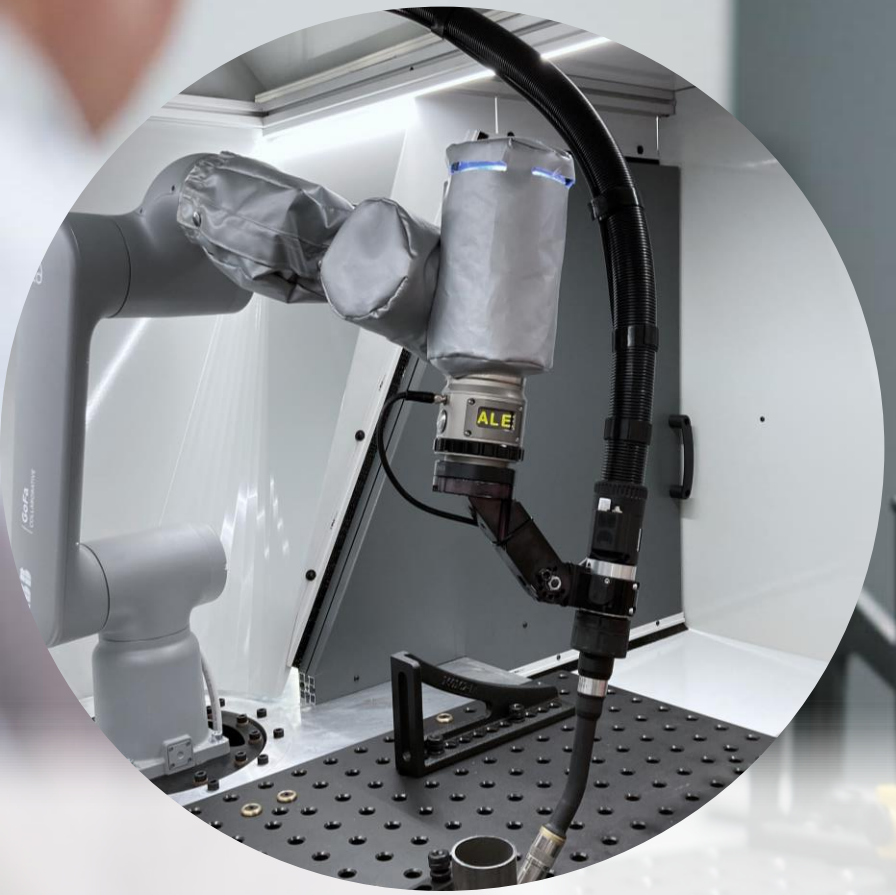

BRIGHT IA
INTELLIGENT AUTOMATION

ABB Cobot Arc Welding Package

Complex welding at the touch of a button

Agenda

01. Introduction

02. What are collaborative robots?

03. Cobot Arc Welding Package

1. What is in the package?
2. Key features
3. How can you benefit
4. How to buy the package
5. Support & Services

04. ABB Robotics in Welding

05. Contact us!

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ABB Collaborative Robots

Built to work together with you

Key Benefits

Easy to use

Intuitive programming that makes it easy for first timers to use robots

Productive

Easy to integrate and quick to start operations

Safe

Collaborative programming mode for human-machine interaction

Flexible

Suitable for a broad range of applications & easy to re-program

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Cobots in Arc Welding

Cobot Arc Welding Package - unbox & setup - YouTube

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Why Cobots

- **Easy to Use**
- **Collaborative programming**
- **Anyone** can use a cobot
- Ideal for **SMEs**
- Lightweight and **movable**
- Perfect for **simple parts**
- Flexible solution for **high mix-low volume**

Your advantage

- **Upskill** manual workers
- Automate the 3“Ds” - **dull, dirty, dangerous**
- Allows **different levels** of expertise in programming
- **Reduce (re)deployment** time
- **Better quality** and **reduced scrap** compared to manual welding

Our solution

Cobot Arc Welding Package

Complex welding at the touch of a button

GoFa CRB 15000

Added value in Arc Welding

Productivity

- Lightweight cobot, easy to set up
- Fast set-up of a welding program
- Easier correction of programming issues
- Stronger arm and more speed when needed

Quality

- Welding process managed by ArcWare
- Unmatched position accuracy
- Superior path accuracy for high quality welding
- Reduced scrap in production compared to manual welding

Ease of use

- Best in Class Ease of use device
- Welders can avoid interactions with FlexPendant
- Wizard block programming
- ABB Integrated UI
- Superior Lead trough

Flexibility

- Easy to re-program for high mix-low volumes
- One-Stop-Shop: from function package to complete lean and compact solutions
- Scalable programming according to operator's knowledge
- Open to different brands/models of power sources
- Movable compact welding applications

Complex welding at the touch of a button

01

Weld Easy

No code programming enables first-time robot users to weld without needing specific robotic skills

02

Weld Faster

Save up to 70 percent of programming time with the auto-generated programming feature of the Easy Teach Device

03

Weld with Quality

GoFa's unmatched position accuracy and industrial-grade welding software ensure high-quality output, every time

04

Upskill your Workforce

Empower manual welders to easily automate simple weld jobs and focus on more value-added work

05

Easy to buy

ABB is a single source for all major components incl. package, robot, gripper, and software, making it easy for anyone to buy and set up the device

Easy Teach Device

1. Programmable buttons
2. Dual Display screens
3. Rotary switch to select welding functions
4. ISO-50 Flange

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