

# EASYARC™ COBOT CART WITH IMITE® TECHNOLOGY



## AUTOMATE LIKE A WELDER – NOT A PROGRAMMER

The EasyArc™ Cobot cart with IMITE technology brings a new level of simplicity to robotic welding. Powered by patented IMITE® technology, any welder can “teach” the cobot by manually welding the first piece—no coding, no complex programming. The cobot instantly learns and repeats the exact weld path with unmatched precision and consistency.

This intuitive process slashes setup time, removes the burden of repetitive welds, and drives higher productivity. Built for steel, stainless steel, and aluminum, the EasyArc™ Cobot cart with IMITE technology breaks down the barriers to automation—bringing speed, quality, and ease of use to shops of any size.

### Why Choose EasyArc?

- ◆ **Proven Expertise** – Decades of experience designing and integrating advanced robotic welding systems
- ◆ **Custom & Standard Solutions** – From turnkey EasyArc™ cells to fully custom automation systems
- ◆ **Full In-House Capabilities** – Engineering, fabrication, controls, and testing under one roof.
- ◆ **Trusted Integration** – Backed by MWES’ track record in turnkey automation and long-term support

### KEY FEATURES:

- ▶ **NO PROGRAMMING REQUIRED**  
Teach by welding. Weld the first part, and the cobot learns your exact path.
- ▶ **FASTER SETUP**  
Cut changeover time and start production in minutes.
- ▶ **BETTER QUALITY, LESS WASTE**  
Consistent, repeatable welds reduce defects and rework.
- ▶ **IMPROVED WORKING CONDITIONS**  
Eliminate repetitive, fatiguing welds and keep skilled talent on higher-value tasks.
- ▶ **IMPROVE WELD QUALITY & CONSISTENCY**  
Repeatable accuracy reduces rework and material waste.
- ▶ **OPERATOR SAFETY BUILT IN**  
Collaborative robot design meets safety standards for close-proximity work.

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Front View with Fencing

## STANDARD SYSTEM SPECIFICATIONS

- ◆ **Fanuc CRX Collaborative Robot Arm**— offered in 3 sizes CRX10L, CRX20, & CRX25
- ◆ **Two Programming Modes:**
  - ◆ **Welding Management Mode** — Quickly use the cobot's Free Drive mode to record start/end points, set weld parameters on the console, and save the job for repeatable production.
  - ◆ **IMITE® Mode (Patented)** — Simply weld the first part by hand. The cobot instantly learns and replicates the exact weld for the entire run.
- ◆ **Fronius 320i Welding Package**—Equipped with the compact and powerful Fronius TPS 320i MIG/MAG power source, fully capable of welding steel, stainless, and aluminum. Upgrade to 400i or 500i for heavy-duty applications.
- ◆ **EasyArc Cart** — power-coated steel fram for durability & mobility
- ◆ **BluCo Modular TableTop** — precision modular fixture system designed for robotic welding
- ◆ **Fully Pre-Wired & Pre-Assembled** — ready for fast installation
- ◆ **1-Year Warranty Included**

With EasyArc™ Cobot cart with IMITE technology, any welder can program a robot—making it easier than ever to increase output, improve quality, and stay competitive in today's challenging labor market. Backed by MWES's proven integration expertise and 24/7 support, it's a smart solution for manufacturers ready to scale their welding performance.

Learn more at [www.mwes.com](http://www.mwes.com) or contact us to get started with an EasyArc welding system.



Closer View of Cobot with Patented IMITE EOAT Mounted to Arm

## TWO PROGRAMMING MODES

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Closer View of Patented IMITE EOAT