



NEXT-LEVEL COBOT WELDING WITH SPEED, SAFETY, & SIMPLICITY

The EasyArc™ Cobot in a Cage takes our proven EasyArc Cobot Weld Cart elevates it into a fully caged, high-performance system. By enclosing the ABB® GoFa™ cobot, operators gain enhanced safety while unlocking the ability to run programs at increased speeds — reducing cycle times without compromising weld quality. The robot can be programmed through the EasyArc software for simplified cobot-style teaching, or like a traditional robot if desired. In “cage mode,” air moves can be run at speeds beyond typical collaborative safety limits, delivering the productivity of a conventional automated weld cell with the ease of cobot programming.

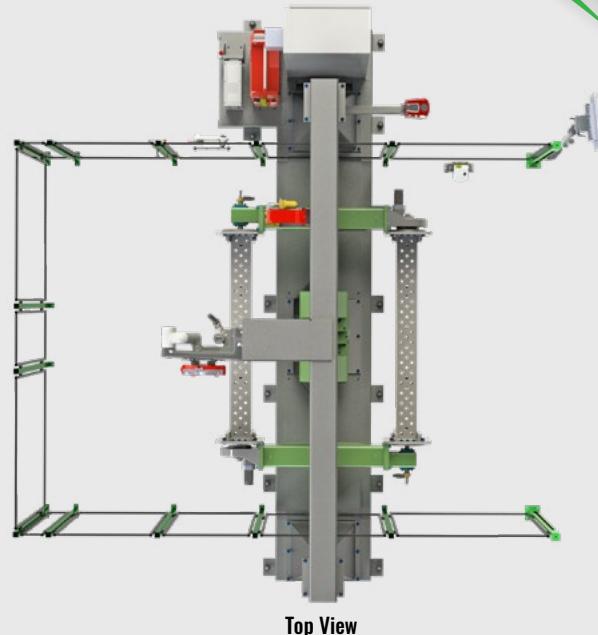
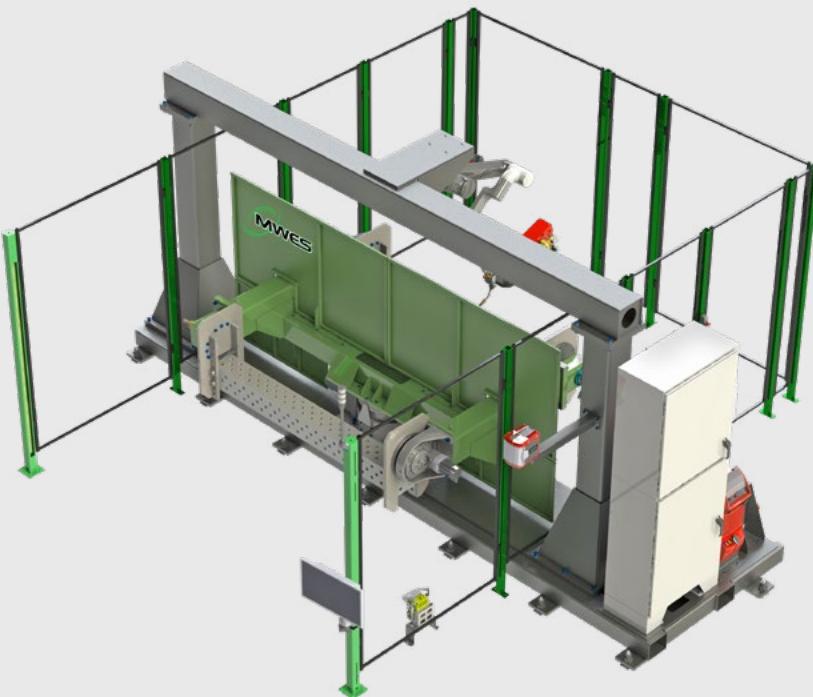
Equipped with EasyArc software, the system makes it simple to teach new parts and customize weld paths through an intuitive, welder-friendly interface. Paired with Fronius® welding technology, the H-Frame delivers consistent, high-quality welds on steel, stainless steel and aluminum.

A 3-axis servo positioner enables single-point part loading, making setup faster and reducing operator strain. Combined with the caged cobot design, the result is a solution that blends collaborative simplicity with high-speed, industrial-grade performance.

KEY FEATURES:

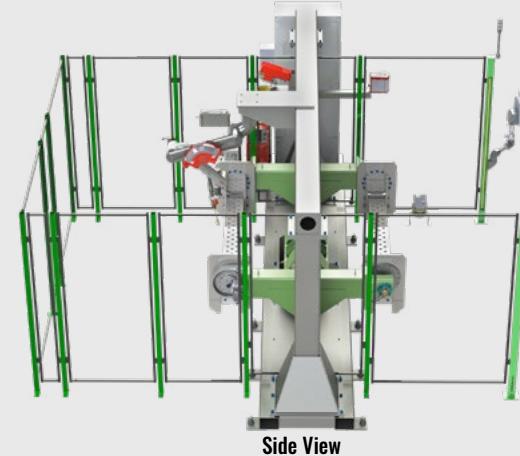
- ▶ **EASY TO PROGRAM**
Intuitive EasyArc software makes it simple to teach new parts and run production—no advanced programming needed.
- ▶ **SAFE TO OPERATE**
Collaborative robot design allows for safe operation near workers—no fencing required in most setups. Ideal for space-constrained work environments.
- ▶ **IMPROVE WELD QUALITY & CONSISTENCY**
Delivers repeatable, high-quality welds in a variety of production environments.
- ▶ **HIGH-THROUGHPUT IN A SMALL FOOTPRINT**
Handles parts up to 600kg per side with a 2,000mm span—maximizing output in minimal floor space.
- ▶ **COORDINATED MOTION FOR WELD ACCESS & QUALITY**
Servo-driven positioners rotate parts into optimal angles for better weld penetration and consistency.

EASYARC™ COBOT IN A CAGE



STANDARD SYSTEM SPECIFICATIONS

- ◆ **ABB® CRB1500 GoFa™ Collaborative Robot Arm**—1050mm reach—12% longer than comparable 5kg cobots. **Optional upgrade** to Long Arm Cobot with 10kg payload and 1.62m reach for larger parts and extended workspaces
- ◆ **MWES EasyArc™ Software**—Intuitive interface for fast part teaching and production setup. No advanced programming skills required
- ◆ **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 400A or 500A MIG** welding capacity for heavy-duty applications
- ◆ **High-Speed Servo Indexing Positioner**—for fast part turnover and cycle time reduction
- ◆ **Outboard Axis Servo Positioner**—600 kg (1,323 lb) load capacity per side
- ◆ **Swing Diameter:** 1,200 mm (47.2 in)
- ◆ **Span Between Headstock & Tailstock:** 2,000 mm (78.74 in)
- ◆ **Fully Pre-Wired & Pre-Assembled**—ready for fast installation
- ◆ **1-Year Warranty Included**



DIMENSIONAL & SHIPPING DETAILS

- ◆ **System Footprint (L×W×H):** 198 × 224 × 101 in (5,025 × 5,690 × 2,565 mm)
- ◆ **Shipping Weight:** 10,000 lb (4,563 kg)
- ◆ **Forklift-Friendly Design** for easy relocation & site integration

AVAILABLE WELDING PACKAGE UPGRADES*

| OPTION | DESCRIPTION |
|--|---|
| CMT Aluminum Push / Pull MIG Package | Delivers enhanced aluminum welding performance with a torch neck pull feeder, buffer hose package, and mounting bracket—paired with advanced Fronius Cold Metal Transfer (CMT) technology for superior wire feed control, reduced spatter, and improved weld quality. |
| Collaborative Robot Torch Cleaner (MIG only) | Automatically maintains the welding torch with a mounted reamer, anti-spatter spray, and wire clipper to improve uptime and weld consistency. |

*Additional options available



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