



System 15

DUAL ZONE/ MANUAL TURNTABLE SYSTEM

The System 15 is ideal for the first time robot welding buyer with its economical, small foot print design. With this cell, you can weld your small to medium sized parts without reorientation and improve productivity, quality and safety.

BENEFITS

- 1. Robust:** Steel skid structure with fork pockets for easy placement.
- 2. Ease of Use:** Push button operator controls for simple operation and roll away doors for simple programming.
- 3. Enhanced Operator Safety:** Integrated operator safety rated devices enhance protection in the work environment.



**Automation
Solutions**



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Standard Specifications	
Robot Arm	FANUC® ARC Mate® 50iC/5L, Teach Pendant and FANUC ArcTool™ Welding Software
Power Source & Feeder	Power Wave® power sources and AutoDrive® wire drive
Enclosure	Completely painted steel enclosure, flash and safety barrier
Weld Cell Controls	Intuitive push-button operator controls
Safety	Fully integrated safety rated devices that are compliant with the latest ANSI and RIA standards.
Work Zone Dimensions	1321 mm (52 in) Dual Zone Turntable System – easy index, 2-position, switched, pinned
Floor Footprint	1588 x 2260 mm (62.5 x 89 in)
Weight Capacity	Maximum 181 kg (400 lbs) per side
Training	3 day expert robotic instruction from AWS certified robotic arc welding instructors
Documentation	Complete system kit: operator's manuals, maintenance guides, spare parts lists, calibration numbers and serial numbers, prints, supplier references and specifications, and electronic manuals and tools

Featured Options

- Power REAM® - Robotic torch maintenance center, wire cutting, reaming, and anti-spatter spray station.
- Choose air-cooled or water-cooled torch package with Cool Arc® water cooler.
- Fume extraction system: Extraction hood and fan or deluxe package including extraction hood, fan, lighting kit and filter system.
- On-site weld part programming.
- Service and preventive maintenance programs.
- Weld process development.
- Robotic Power Wave family.
- Software Options from FANUC Robotics:
 - Torch Guard and Collision Guard - Detects collisions and stops the robot and adjustment of Tool Center Point.
 - Password Protection - Restricts user access beyond specific areas on the teach pendant.
 - Through-Arc Seam Tracking (TAST) - Automatically adjusts the robot's vertical and lateral trajectory to compensate for part warping or misplacement.
 - Touch Sensing - Automatic path change to compensate for object displacement.
 - WeldPRO™ - Offline programming.
 - iRvision™ - 2D vision software system.



CUSTOMER ASSISTANCE POLICY

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Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

Lincoln Electric's alliance with FANUC Robotics translates into an unparalleled combination of welding and robotics expertise, along with single-source efficiency. Whether you're considering your first automated cell, or you're ready to upgrade or enhance your existing robotic systems, there's no better partner than Lincoln Electric and FANUC Robotics.



THE ONLY SINGLE-SOURCE AUTOMATION PROVIDER

Lincoln Electric has built out a solutions portfolio to include all of the competencies to support your need to improve productivity, quality and safety. Lincoln Electric can modify or completely customize the creation of your weld cell to meet those precise needs.

With a global network of facilities and people, you'll get quick response and personalized attention. Contact one of the below facilities for more information on the types of solutions available to help you produce faster, more repeatable, higher quality results.



Automation Solutions

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