



System 20

HORIZONTAL TURNTABLE SYSTEM

Ideal for small to medium sized parts, the System 20's positioners are nearly maintenance free with no mechanical components. It features a high-speed, multi-process welding source and a universal process robotic arm for the fastest air-cut movements.

The System 20 has an ultra-small footprint, so you'll be able to fully optimize your floor space. It's two-sided and as an option, can be configured to expand to a three to four-sided system.

BENEFITS

1. **Robust:** Palletized steel structure with forklift packets for easy placement.
2. **Ease of Use:** Clearly marked push-button controls and roll-away doors allow easy programming.
3. **Reliable:** Roll-away doors allow ease of accessibility for preventative maintenance.



**Automated
Systems**



System 20

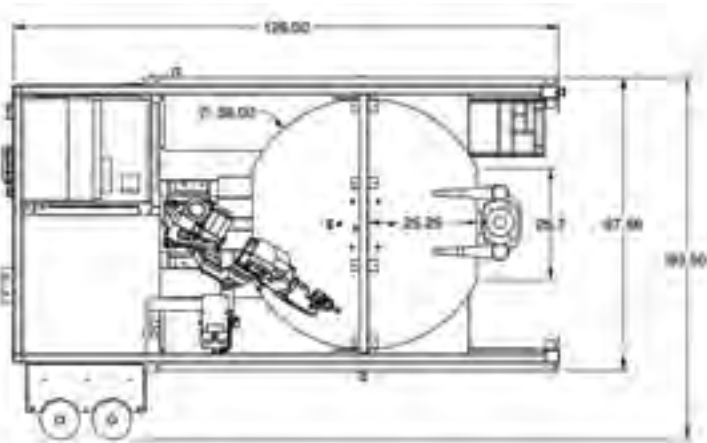
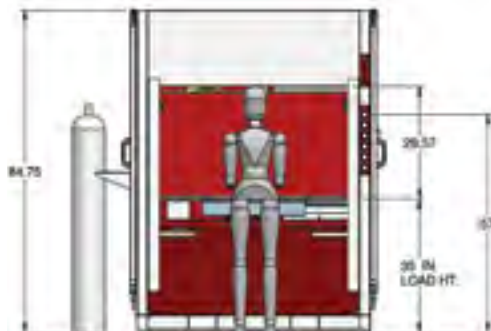
HORIZONTAL TURNTABLE SYSTEM

Standard Specifications

Robot Arm	FANUC® ARC Mate® 100iC, Teach Pendant and FANUC ArcTool™ welding software
Power Source and Feeder	Power Wave® power sources and AutoDrive® wire drive
Table and Dimensions	Fast index, FANUC Servo driven turntable – 58 in. (1473 mm) dual-zone turntable system
Weight Capacity	600 lbs (272 kg) per side maximum
Index Time	4 seconds
Weld Cell Controls	Intuitive push-button operator controls
Safety	Fully integrated safety rated devices that are compliant with the latest ANSI and RIA standards.
Training	3-day expert robotic instruction from AWS certified robotic arc welding
Documentation	Complete system kit: operator manuals, maintenance guides, spare parts guides, calibration numbers, serial numbers, prints, supplier references and specifications, electronic manuals and tools

Featured Options

- Power REAM® – Robotic torch maintenance center, wire cutting, reaming and anti-spatter spray station.
- Fume extraction: fume hood, or deluxe package with fume hood, light kit, fan and filter system.
- Custom workholding solutions available.
- On-site weld part programming.
- FANUC Robotics software options: Torch Guard, Password Protection, Through Arc Seam Tracking, Touch Sensing and WeldPRO.™



CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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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

For all your metal fabrication needs, 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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