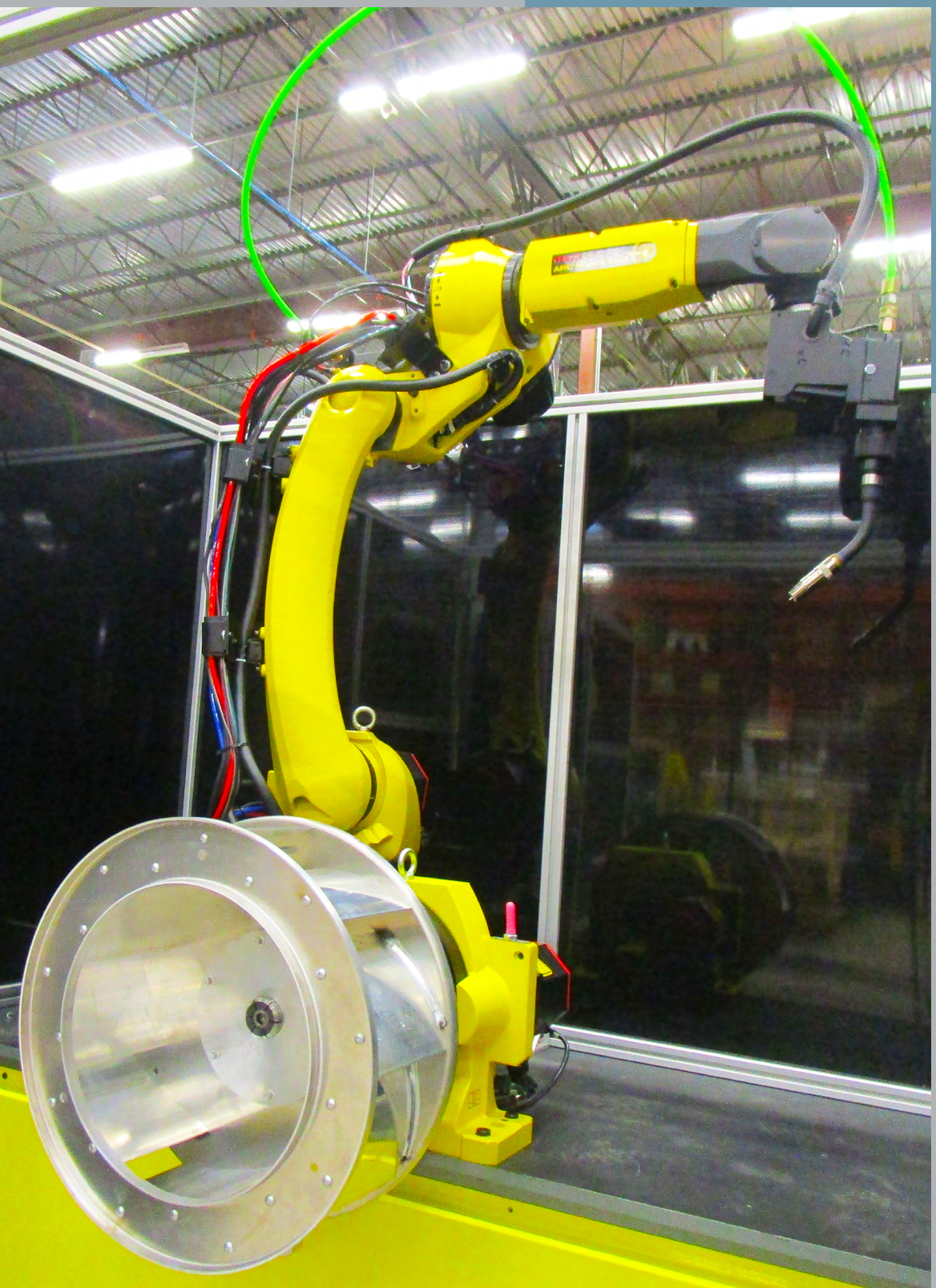
PRE-TEC

FASweld® MINI

FLEXIBLE SOLUTIONS



PRE-TEC's line-up of FASweld® Standard Robotic Weld Cells are affordable, expandable, easy-to-use, and constructed of the highest quality industrial components. Each weld cell is pre-engineered, allowing for rapid delivery and installation time, while maintaining a small footprint with single-piece platforms.

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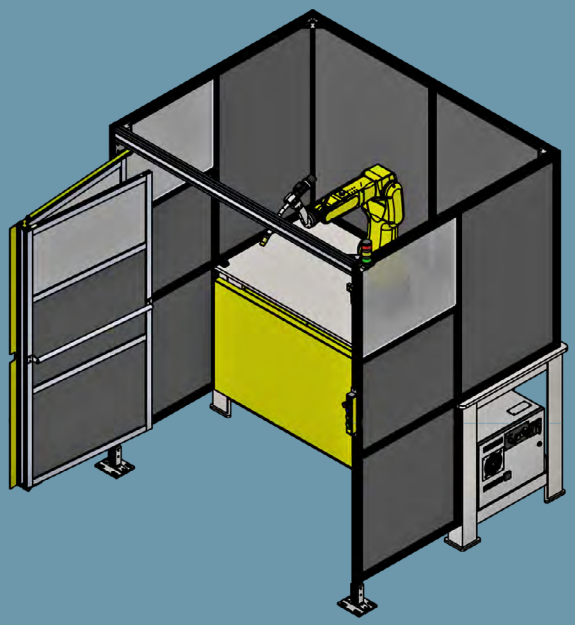
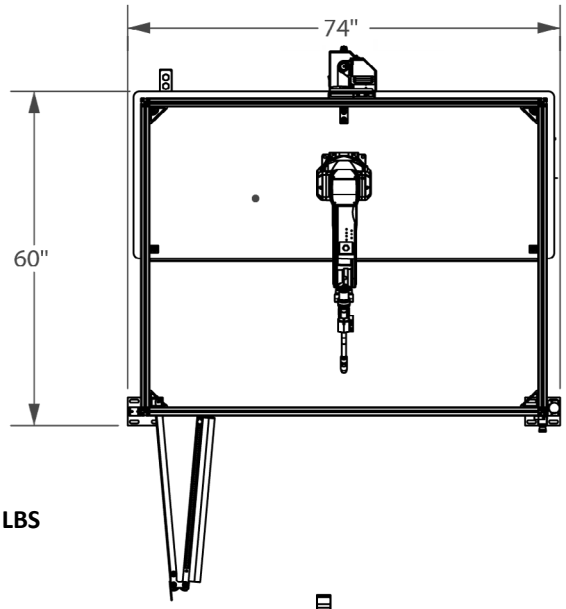
FLEXIBLE PLANNING

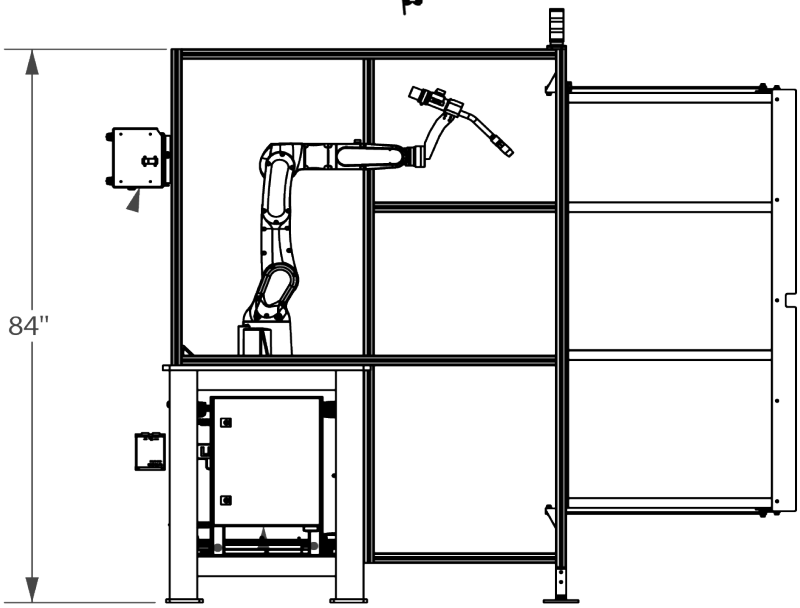
The FASweld® MINI is a system for the smallest space and can be moved to where the welding is located. The MINI is 74"L X 60"D X 84”H and ships fully assembled. Each system includes welding flash protection and integrated safety for operator protection.



FLEXIBLE DESIGN



WEIGHT OF SYSTEM - 1450 LBS



The FASweld® Standard Robotic Weld Cell has the robot, controls & the rigid flash safety gates mounted to a combined, central platform. This simplifies installation while still allowing it to be moved throughout your facility using a standard forklift.

All FASweld® systems are designed around industry-leading FANUC robots, known for their rugged design, excellent operator interface, and ergonomic teach pendant design with Haptic feedback. We’ve built customized web pages for system control requiring virtually no robot programming expertise to operate the system.

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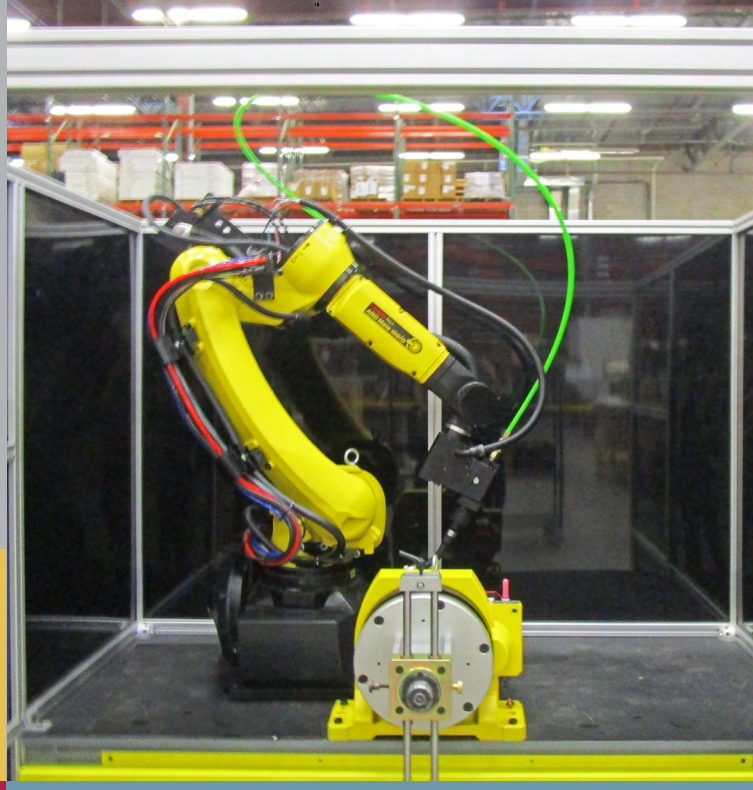
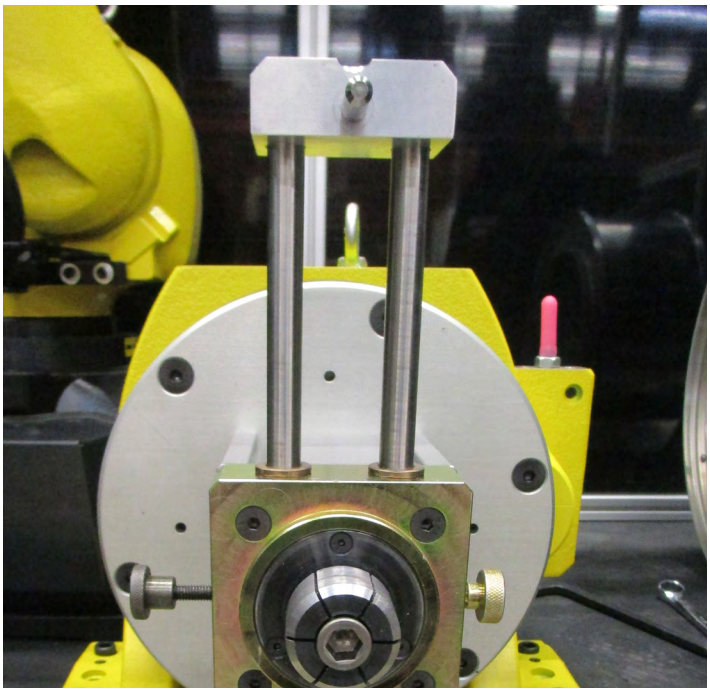
FLEXIBLE CAPACITY

The standard FASweld® MINI system uses a FANUC AM50iD-7L or AM100iD 6-axis robot. Also standard is a Lincoln Electric R450 Welding power supply & wire feeder. Other power supplies options are available if requested.

The FASweld® MINI features up to three configurable welding zones: work off the table on either side for small parts; Zone 3 is wide open for loading a cart or manual positioner. The FASweld® MINI table surface is ¾" thick and Blanchard ground to within .002" flatness.





FLEXIBLE OPTIONS

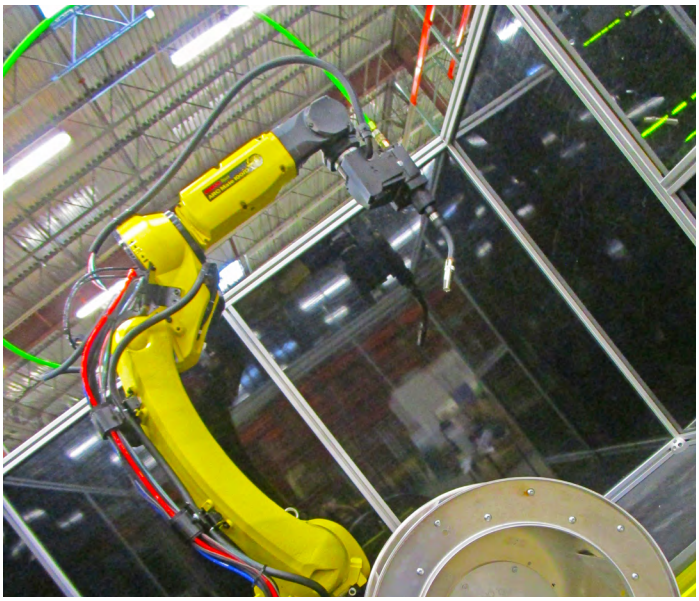
We offer a variety of add-on options for customized solutions:

- Custom positioners available – all axes servo controlled via robot
- AM50iD-7L robot standard – AM100 options
- StableARC Torch Cleaning Station option
- Larger tables available: 1" thick solid steel
- Ball locks, fixture plate options

See FASweld® in action

FLEXIBLE
INTEGRATION

PRE-TEC is committed to easy-to-use and easy-to-move automated solutions. To ensure this we focus on standard components for shorter lead times; reach analysis and cycle time validation; tool design and build integration; along with process development and programing. Our expert team of application engineers develops a weld cell configuration that best fits your process, integrating the best solutions to increase your throughput, quality, and consistency.

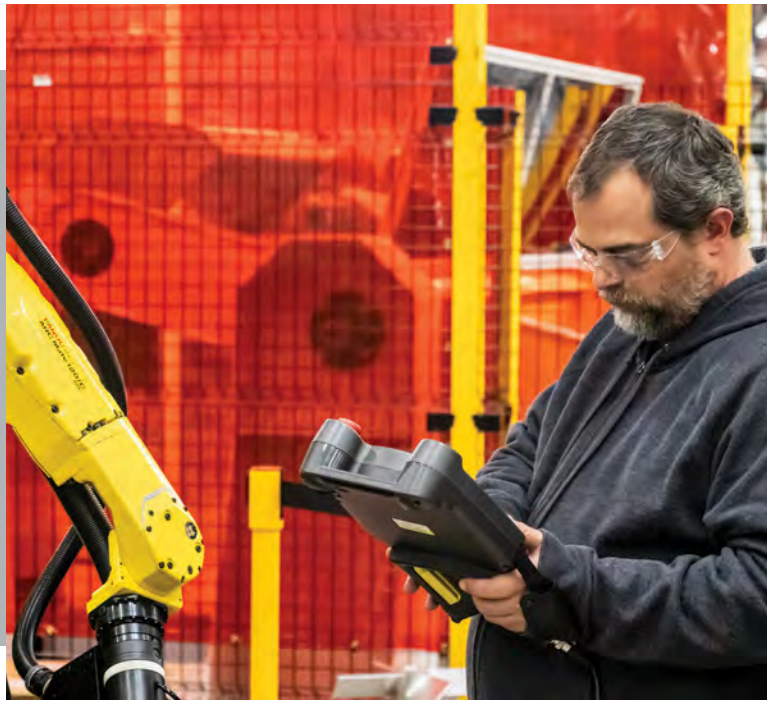


FLEXIBLE
VARIATIONS

Built with flexibility and modularity, FASweld® systems are easy to install and completely customizable as needs change. Parts too large? A solution might be a larger robot, or a robot on track, or multiple robot arms. Need shorter cycle times? Custom positioner? Larger welder? Combining processes? We'll figure it out. **Give us a call.**

FLEXIBLE
SOLUTIONS & SUPPORT

PRE-TEC has a well-trained, experienced group of robotics technicians. We offer support in training, programming, spare parts, and maintenance. When you choose PRE-TEC, you are choosing nationally-recognized customer support & service with a customer-centered philosophy in designing and training.



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