PRE-TEC

FASweld® 2

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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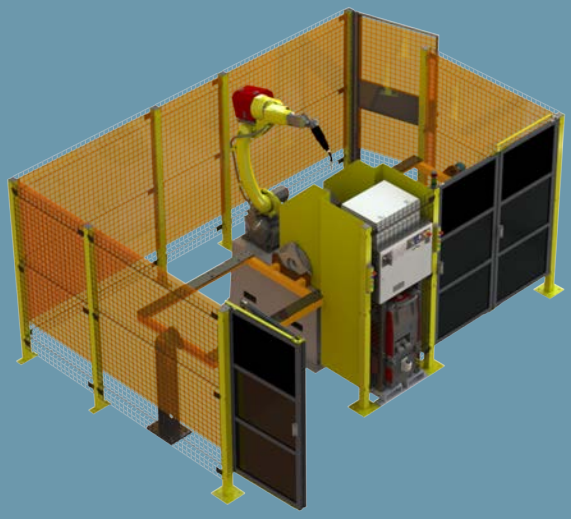
FLEXIBLE PLANNING

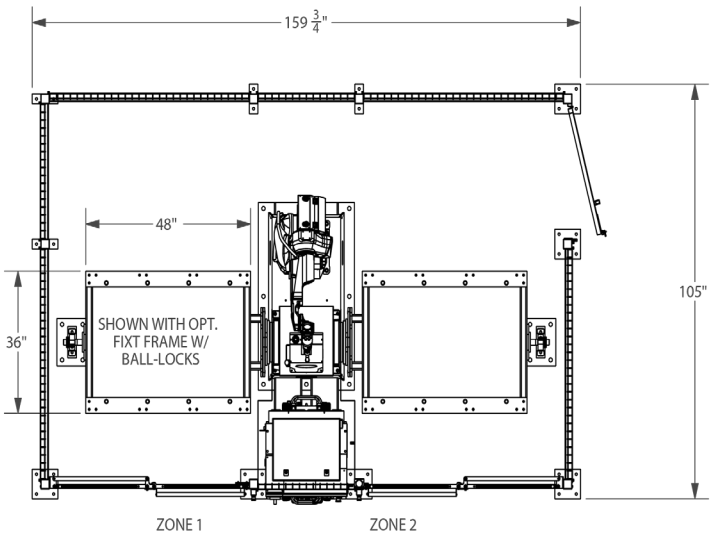
For smaller parts that require repositioning for welding, the standard FASWeld 2 offers the same modularity and configurability of all our cells, while increasing the work space to 57” x 36” using two integrated servo controlled headstock positioners with tailstocks. The operator is protected by a sliding load/unload station door.



FLEXIBLE DESIGN

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.

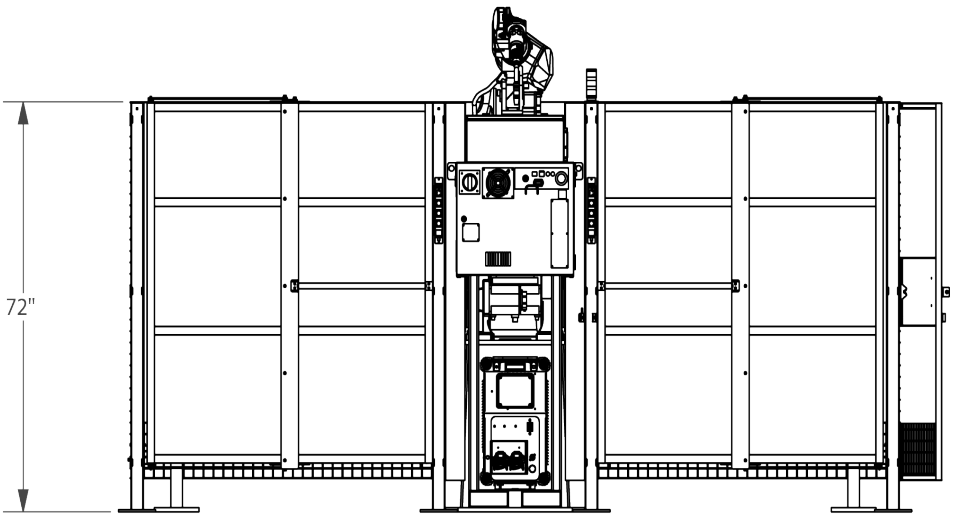
All FASweld® systems are designed around industry-leading FANUC robots, known for their rugged design, excellent operator interface, and ergonomic teach pendant design with Haptic feedback. We’ve built customized web pages for system control requiring virtually no robot programming expertise to operate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



159.75" L X 105" D X 72" H

WEIGHT OF MAIN PLATFORM: 1680 LBS

MAX PART & TOOLING CAPACITY PER SIDE: 2,200+ LBS



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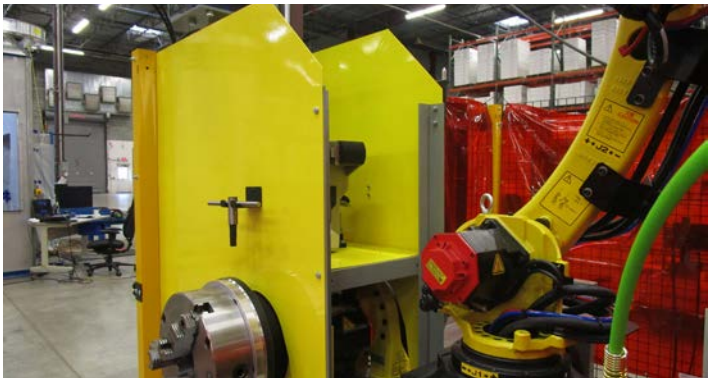
FLEXIBLE CAPACITY

The standard FASweld® 2 uses a FANUC AM100iD 6-axis robot with a payload capacity of 12 kg and a reach of 1441mm. Also standard is a Lincoln electric PW R450 welder with power supply & wire feeder. Other power supplies options are available if requested.

The FASweld® 2 is the optimum solution when the parts to be welded are small but need to be automatically positioned during a weld cycle, and when the welding needs to be completed in several sub-components before final welding.



FLEXIBLE OPTIONS

2x Welding Zones

- Optional 36” x 48” Fixture Frame w/ ball-locks
- Optional 48” Ball-lock center spine
- Options include StableARC torch cleaning station

The FASweld® 2 is available as:

- Cell Only
- Cell Demonstrated with your tooling
- Cell with Tooling & Programming

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

- 2-axis positioner option
- Larger robot:
  A. AM100iD/8L
  B. AM100iD/10L
- StableARC Torch Cleaning Station option

FASweld® Robotic Weld Cells

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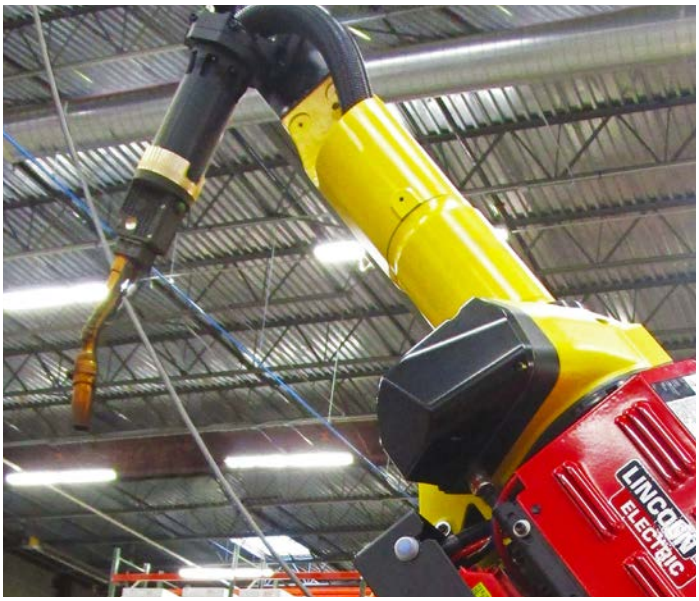
FLEXIBLE
INTEGRATION

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® 2 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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