PRE-TEC

FASweld® 4

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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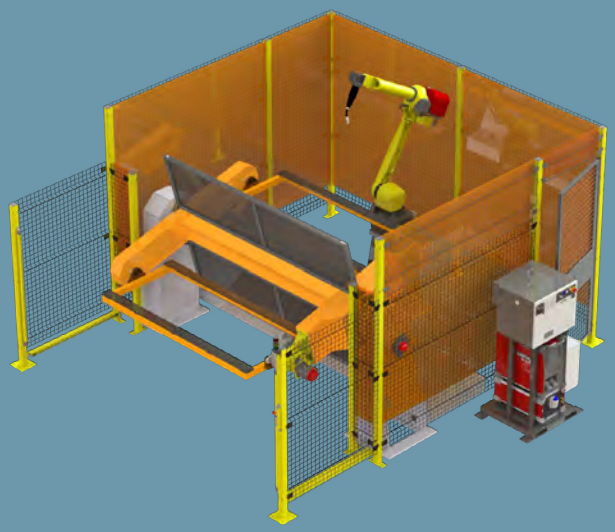
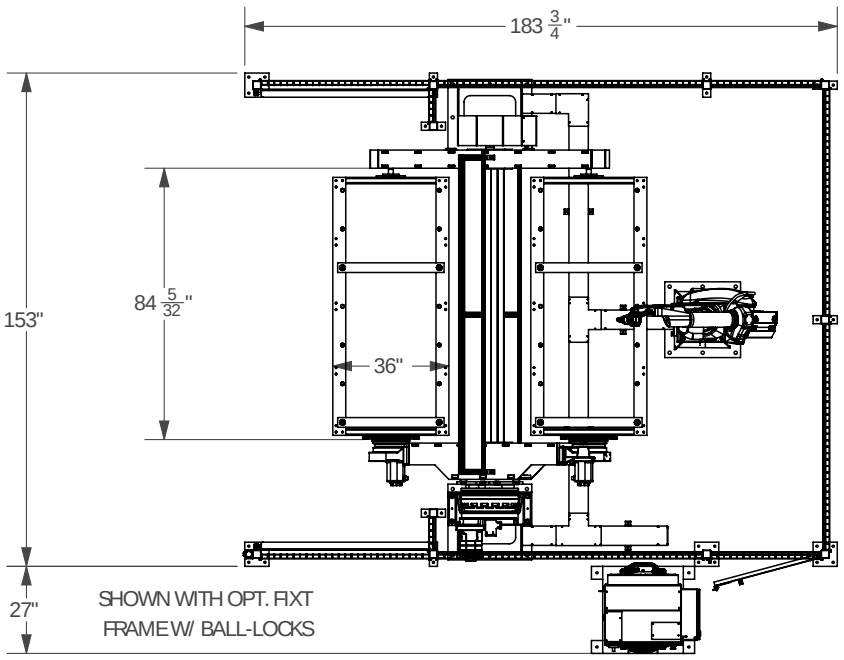
FLEXIBLE PLANNING

The FASweld® 4 Flexible Ferris Wheel System weld cell allows for safe and efficient load and unload through two 78.8" x 56" diameter swing Ferris wheel panels. The system is set up with axes with through bore for passing utilities. The positioner can be suited as required (longer/shorter length & swing diameters). Each system includes welding flash protection and integrated safety for operator protection.



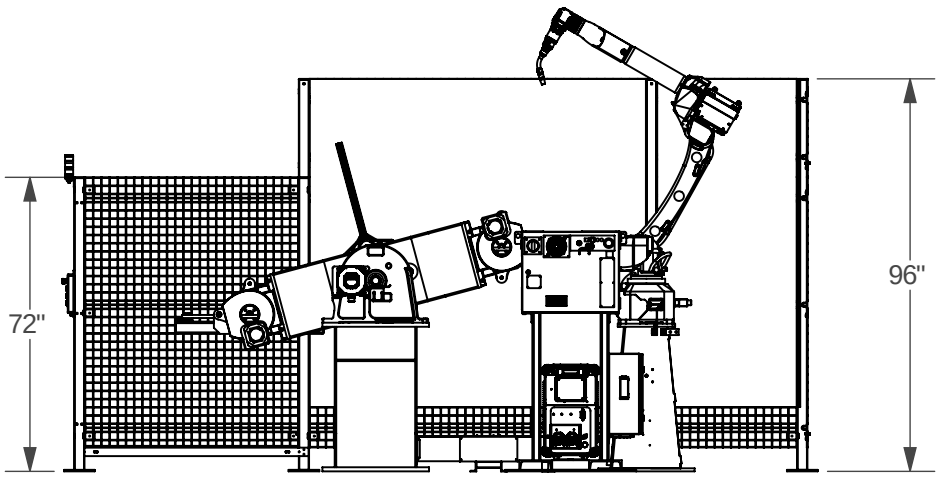
FLEXIBLE DESIGN



WEIGHT OF HEAVIEST ASSEMBLY - FERRIS WHEEL POSITIONER - 2950 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.

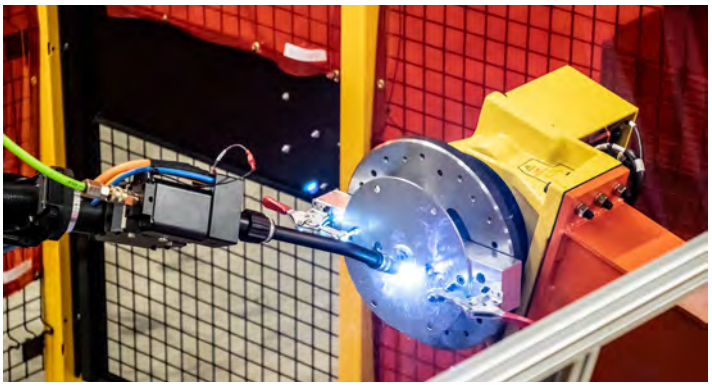
All FASweld® systems are designed around industry-leading FANUC robots, known for their rugged design, excellent operator interface, and ergonomic teach pendant design with Haptic feedback. We've built customized web pages for system control requiring virtually no robot programming expertise to operate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

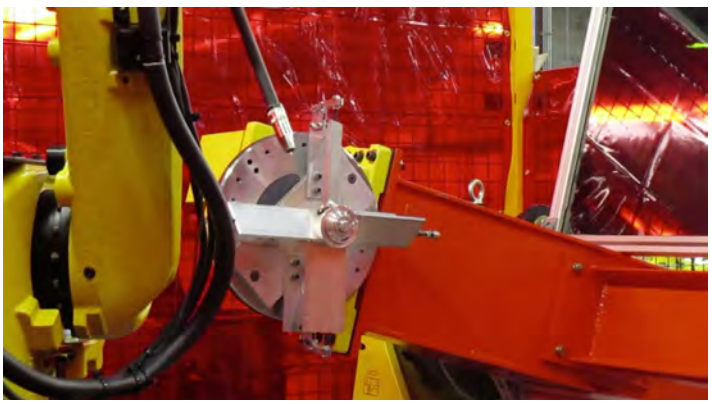


FLEXIBLE CAPACITY

The standard FASweld® 4 system uses a FANUC ARC MATE 100iD-8L 6-axis robot with a payload capacity of 8Kg and a reach of 2032mm. Also standard is a Lincoln Electric R450 Welding power supply & wire feeder. Other power supplies options are available if requested.

The FASweld® 4 includes two Welding Zones with a Dual Servo Headstock and 2200 lb capacity per side.





FLEXIBLE OPTIONS

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

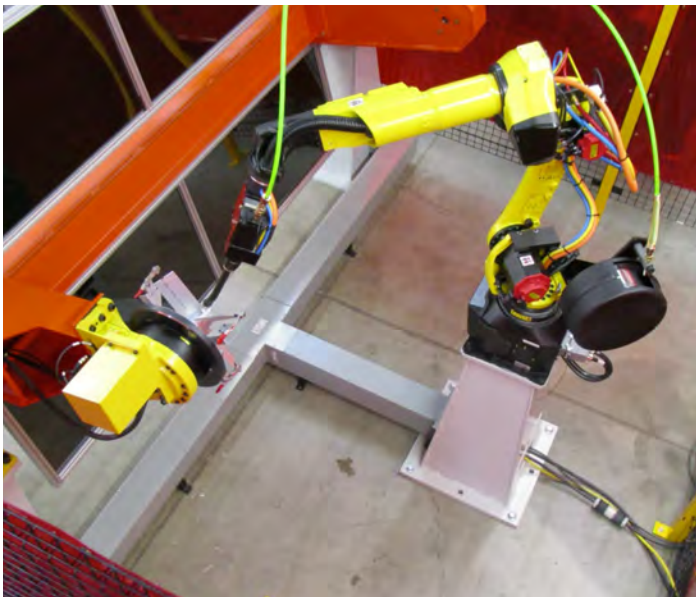
Multi-arm & larger span positioners

- Dual-arm options
- Custom positioners available – all axes servo controlled via robot
- AM100iD/8L robot standard – AM120 options
- Larger variants:
  1. FASweld® 4L - 3m – larger span
  2. FASweld® 4 options – larger robots, 2x robots, or robot + track options
- StableARC Torch Cleaning Station option

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.

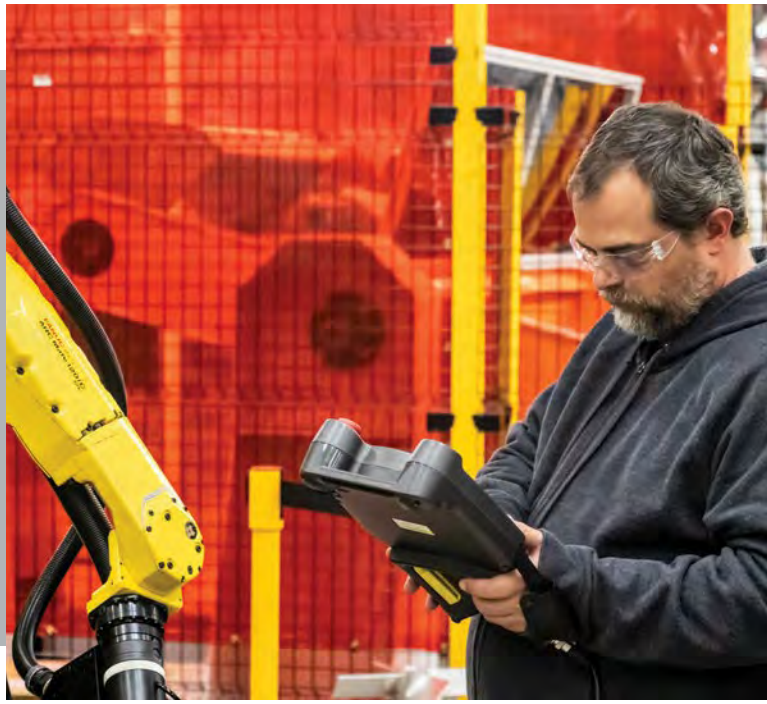


FLEXIBLE
VARIATIONS

Built with flexibility and modularity, FASweld® 4 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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PRE-TEC.COM • 541.484.2368

990 Owen Loop N., Eugene, OR 97402