



Optimize Manpower,
Increase Capacity



Need to solve labor and capacity challenges, fast?



You can count on a robot

Reliable output, every time. Hire a welding robot for repetitive and dangerous work in your welding cell.

Reduce variation

A robot provides consistent welding quality and high repeatability of parts. A robot's arm never tires and makes the same torch movement every cycle. Robotic welding greatly reduces part-to-part variation compared to manual welding, especially on difficult to access designs.

Lower costs, clear ROI

Automation increases capacity. When making more product at a lower cost, most users average a positive ROI in 24 months or less.

{ 200,000 }
unfilled skilled welding jobs
 predicted by 2020 for the welding industry.
**Source: American Welding Society*

» Securing the needed labor force to maintain a welding/fabrication facility continues to be a **MAIN CHALLENGE** for manufacturers.

Avoid labor shortage

There are fewer skilled welders now more than ever, so it's imperative to add robotic welding before you're left without welding capabilities.

Keep employees safe and happy

Robotic welding keeps workers away from repetitive and dangerous welding-related hazards and eliminates the cost of personal protective equipment required for manual welding. Improve retention by moving employees to safer, more challenging work with growth opportunities.

Competitive advantage

Automation can help you compete internationally when you increase production, lower costs, and manufacture more consistent quality products.



FastARC by Acieta are standard robotic weld cells designed as a fast solution to solve labor and capacity challenges.



www.acieta.com

FastARC Standard Weld Cells

Address Labor and Capacity Challenges with Automation

Manufacturers who are positioning for growth are planning for automation. The challenge with adopting complex, custom solutions lies in the time and capital investment for custom integrations.

If you're faced with capacity challenges, labor shortages, or quality variability, the standard cells from Acieta can help you address key business challenges, fast, with a standard weld cell. Our FastARC weld cell is an excellent option for companies adopting automation for the first time, or companies who are looking for a strategic automation partner to help them move forward.

Improve welding production without adding labor

Keep your torch running consistently and constantly with FastARC, Acieta's standard robotic weld cell. Maximize uptime with 24/7 access to Acieta certified service and maintenance teams.

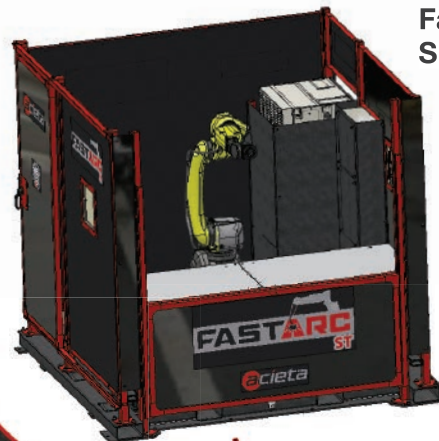
Our four standard cells were designed to meet the most common robotic welding needs, and are a fast way to get started on your automation journey. FastARC provides a cost-effective introduction to Acieta's premium quality hardware and software. Each cell is ready to work with Lincoln or Miller weld equipment.

STANDARD WELD CELLS

- Excellent option for a first-time robot user
- Pre-engineered for faster delivery
- Small footprint and easy installation with one piece platforms
- All utilities are integrated into the frame for faster start-up time
- Load and unload while the robot is welding with dual zone cells
- Produce different parts in each cell with dual zone cells



FastARC DT
Dual Zone Plain Table



FastARC ST
Single Zone Plain Table



FastARC TT
Dual Zone Turn Table



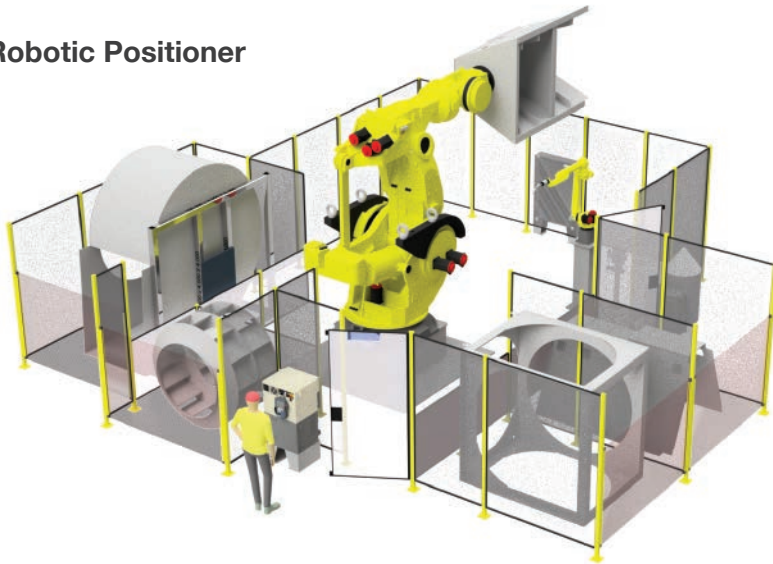
FastARC 2HT
Dual Zone Headstock/Tailstock

Robotic Positioners and Fixtureless Weld Cells

Robotic Positioners

Lowers production costs, minimize risk of injury, and ensure consistency by switching to robotic positioning. Let a positioning robot handle the repetitive job of loading and unloading, so you can reassign human operators to quality-related jobs. It's a safer, faster way to handle products – including large, heavy and awkward parts.

Robotic Positioner



ROBOTIC POSITIONER WELD CELLS

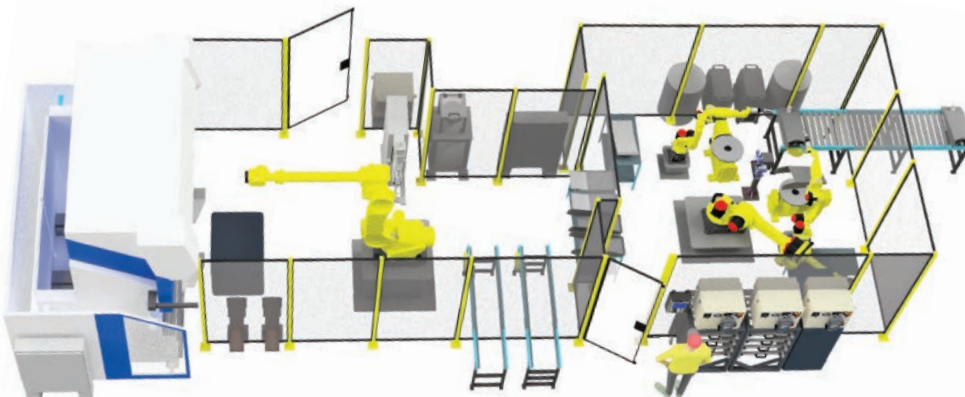
- Manual load/unload time significantly reduced
- No overhead assist required
- Automatic gripper change for different parts
- 6 degrees of freedom
- Reduce risk of injury
- Typically lower cost for large weldments
- Parts can be easily conveyed to and from the system reducing material handling in up and down stream production

Gain competitive advantage with a new or retrofitted robotic weld cell.

Fixtureless

Eliminate the need for an operator to load/unload dedicated fixtures used in traditional weld cells by combining handling robots with welding robots. Reduce costs and time spent buying, maintaining and storing fixtures, and use a more efficient footprint with Acieta's fixtureless weld cells.

Fixtureless



FIXTURELESS WELD CELLS

- Reduced direct labor cost
- Lights-off operation
- Increased productivity
- Consistent output
- Improved quality
- Enhanced safety
- Improved working environment
- Creation of new and better jobs
- Reduced/elimination of tooling
- Minimal maintenance (no tooling to wear)



Optimize your Operations

FastARC by Acieta standard weld cells are a cost-effective, fast way to either get started with automation or to continue to optimize your operations. We offer training and ongoing maintenance to ensure the first step of your journey through automation is successful. Our aftermarket service ensures you see the ROI of your automation project faster, and demonstrates the value of automation to the rest of your organization.

Expertise

Our team of automation experts will guide you in getting your robotic weld cell up and running. Acieta has integrated more than 4,500 automation systems over the last 35 years for customers across North America.

In Depth Training

Acieta offers extensive employee training programs designed for personnel at various levels, such as operators, programmers, and supervisors who need to learn the new equipment integration and system changes.

High Quality, Safety Focused

As a premium, custom solutions provider, Acieta's quality and safety standards exceed expectations. We are an RIA certified integrator, and complete RIA risk assessments on each cell.

Preventive Maintenance

Acieta's certified Maintenance Technicians will help give you peace of mind that your system stays as productive as the day it was first installed.

Responsive 24/7 Technical Support

When your robot is down, you want to talk to a human. Our Acieta technicians are available 24/7/365 to help troubleshoot problems and minimize downtime.

Full Service Parts

Address all of your parts needs immediately. Acieta provides parts for many robotic systems, even ones we haven't installed. Conveniently order what you need from our website.

Acieta provides a wide range of cutting-edge robotically automated solutions and services customized for the unique needs of manufacturing applications. For the last 35 years, we have integrated more than 4,500 automation systems for customers across North America.



Need reliable, cost-effective welds? Contact us today!

Keep your torch running consistently and constantly with FastARC by Acieta. Our standard robotic weld cells are a cost-effective introduction to automation, designed as a fast solution to solve labor and capacity challenges.

Acieta provides a wide range of robotically automated solutions and services customized for the unique needs of manufacturing applications, including welding and materials handling. Connect with us today to start growing your business, fast.

**Let's discuss how robotic welding
can transform your business!**

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