

Welding Solutions

Why weld with a cobot?

- Increased productivity
- Protect your workers
- Improved quality
- Cut expenses



Integrate your solution using:





Single Phase: URW-2B

Cobot welding system for use in situations of limited power or simple design.

UR20

Provides a greater reach and speed advantage when working with larger parts.

MIG Systems

The UR10e is merged with Fronius welding solutions to employ an intuitive interface capable to weld aluminum, carbon steel, and stainless steel.

System options include:

URW-2: Base Push System

URW-2W: Water-Cooled Push System

URW-2P: Base Push-Pull System

URW-2PA: Advanced Push-Pull System

TIG Systems

The UR10e is merged with Fronius MagicWave welding solutions and can weld aluminum, carbon steel, stainless steel, and titanium.

System options include:

URW-2TA: 300 AMP AC/DC power source with push wire feeder

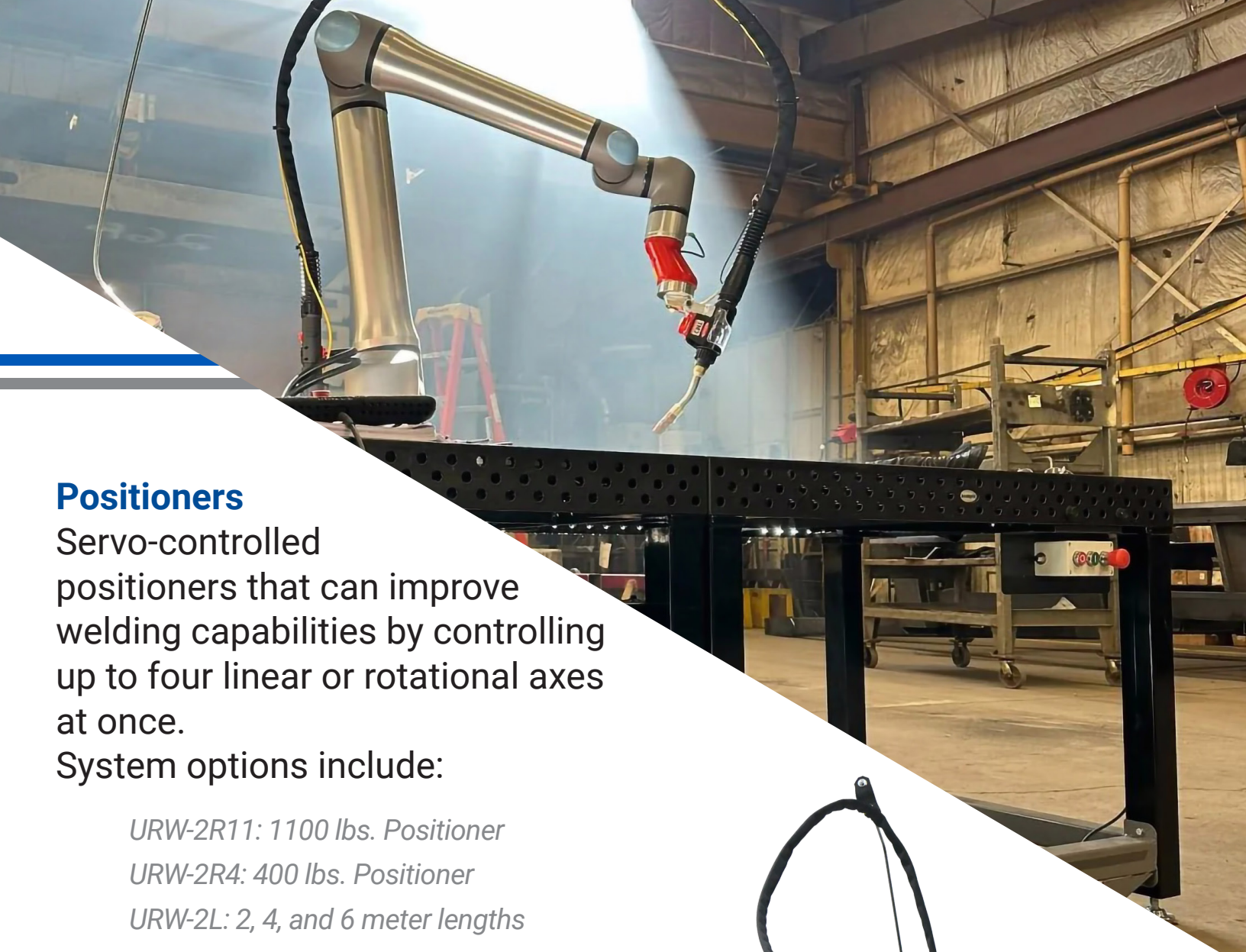
URW-2TAPP: 300 AMP AC/DC power source with push-pull wire feeder

Oxy-Fuel Cutting System: URC-1X

Turns manual operations into reliable automated processes using a program interface that allows for the input of exact angle parameters for cutting.

The Sidecar Welding Station

An add-on hand welding system that can be switched from a manual welding tool to automated.



Positioners

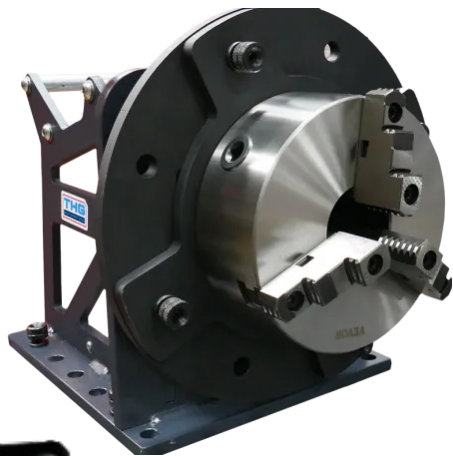
Servo-controlled positioners that can improve welding capabilities by controlling up to four linear or rotational axes at once.

System options include:

URW-2R11: 1100 lbs. Positioner

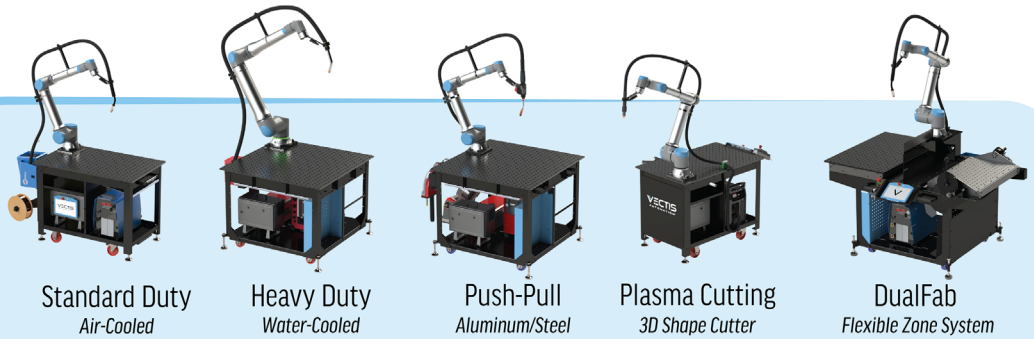
URW-2R4: 400 lbs. Positioner

URW-2L: 2, 4, and 6 meter lengths



Vectis Cobot Welding and Cutting Tools provide easy, high function collaborative flexibility

Reach out to our team of applications experts to find the right tool for you!



Tabletop Configurations

Vectis Advantages

- Fume Extraction
- Seam Tracking
- Positioners
- Weld Development
- Fixture Design & Build
- Touch Sensing
- Stitch Tool
- Pattern Tool
- Angle Align Tool
- Multipass

...and always innovating more!



Application Expertise

30 Day Money Back Guarantee

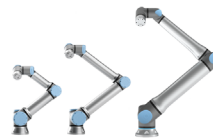
Peace of Mind

2 Year Full System Warranty

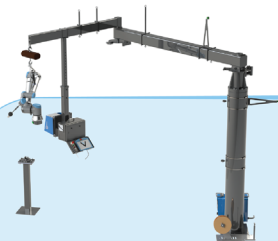
Peace of Mind



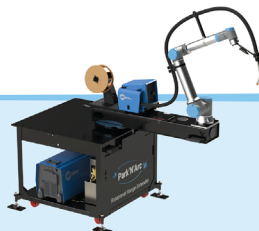
Easy-to-use Software



Multiple Cobot Lengths



Boom Remote Mounting



Park'N'Arc Rotational Range Extender



Rover Remote Fabrication System

Additional Deployment Methods

Compatible with common equipment brands



SmoothTool - Easy to use programmable cobot welding package that consists of:

- A programming flange
- The ability to use your preferred power source
- A touch sense to locate the position of the welding piece
- Multipass welding
- Offset welding in X, Y, and Z direction and rotation
- Stitch welding with personalized parameters
- Weaving patterns
- Angle system for desired travel angles
- Consistent tacking
- 3D universe to visualize program

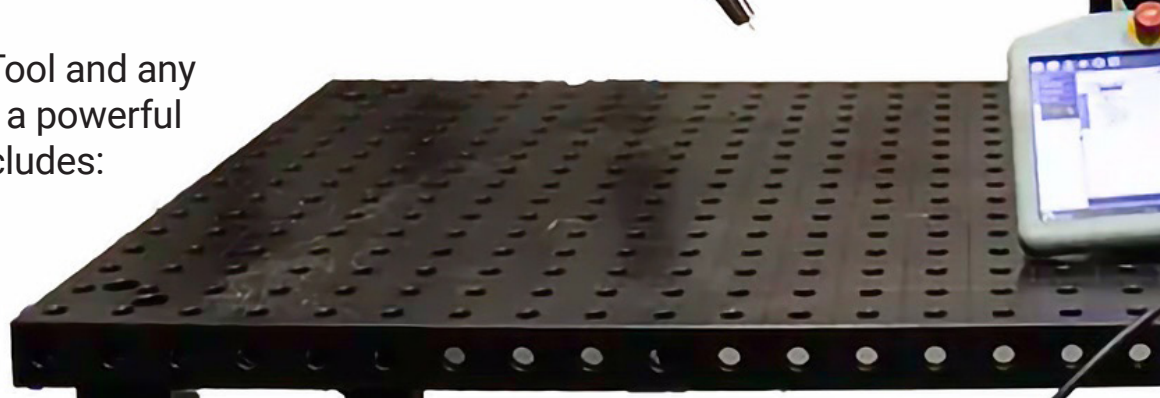
Smooth Robotics



The RetroFit Kit

Integrate with SmoothTool and any power source to create a powerful welding unit. The kit includes:

1. Connector plate
2. Adaptor
3. Feedback Shunt



Melton

Melton Machine & Control Company
An Employee-Owned Company

Upgrade your welds, reduce your scrap rate, and boost profits with CoboWeld Solutions:



CoboWeldTIG

- Low heat applications
- Slower process
- Visually appealing welds



CoboWeldMIG

- High heat applications
- Faster process
- Larger welds

Smooth Robotics

With you in charge, the intuitive no code welding solution from Smooth Robotics can change the game across the board. Quick to program and easy to work with, SmoothTool takes the uncertainty out of welding projects by producing consistent, profitable results.

Having years of development experience, THG Automation is able to fight the welder shortage gap and give you trust in your welds. Confidently produce results knowing that the solution was expertly chosen to maximize your system's potential and output.



VECTIS AUTOMATION

With Vectis, you are guaranteed visible improvement from day one. Finish welding batches 3-4 times faster and attract new skill to your establishment with this intriguing technology.

Achieve cutting edge, efficient automated welding with Melton Machine and Control Company, the reliable solution when it comes to quality and value. Experience how their commitment and expertise will provide you with the best options for your needs.



Welders and cobots co-create a better way of welding and fabricating with easy to use solutions.

Industrial grade robot welding with a consumer level of ease and flexibility is your key for improved efficiency and quality in production.



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