



## ***Nuclear Power Welding Solutions***

[www.lincolnelectric.com](http://www.lincolnelectric.com)

**LINCOLN**<sup>®</sup>  
**ELECTRIC**  
THE WELDING EXPERTS<sup>®</sup>



## ***Lincoln Electric: Total Welding Solutions for the Nuclear Power Industry***

Lincoln Electric is the worldwide leader in providing complete equipment, consumable and application solutions to the welding industry. With more than 9,000 employees, 39 factories and a presence in 160 countries, Lincoln Electric has the resources and expertise necessary to provide reliable solutions to the global marketplace.

As a long-standing ASME certified manufacturer, Lincoln Electric has an unparalleled history of supplying certified consumables, a wide range of equipment and unique welding solutions to ASME and other nuclear projects around the globe. This experience positions Lincoln Electric like no other company to support the rapid growth of the Nuclear Power industry.

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### ***Equipment Solutions for the Nuclear Power Industry***

**Power Wave® AC/DC 1000® with Waveform Control Technology®**

- Gives operators the ability to control heat input and deposition rates without sacrificing travel speed
- Offers an exceptionally stable arc over a wide range of operation
- Provides unique tools for optimization of SAW welding on 9% Ni steels utilizing frequency, offset and wave balance controls

**Other Nuclear equipment options include:**

- Power Wave® 455M/STT®
- Precision TIG® 275 and 375
- Invertec® V275S / V350-PRO



## ***Consumable Solutions for the Nuclear Power Industry***

### **Primary and Secondary Circuit:**

- SMAW - Red Baron® and Blue Max® Electrode
- FCAW - UltraCore® / Innershield®
- SAW - Blue Max® Wire and Flux
- Automatic GTAW - Blue Max® Wire
- Manual GTAW - Lincoln cut length consumables

### **Containment Vessel Fabrication:**

- SMAW - Excalibur® & CONARC®
- FCAW - UltraCore® and Outershield®
- GMAW / GTAW - SuperArc®
- SAW - Lincolnweld® Wire & Flux

### **General Fabrication and Construction, Tertiary Circuit:**

- SMAW - Excalibur®
- FCAW - UltraCore® / Innershield®
- GMAW - SuperArc®
- SAW - Lincolnweld® Wires and Fluxes



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## ***Lincoln Knows Nuclear Power Plant Manufacturing***

With more than 113 years of experience, Lincoln Electric is the world's largest arc welding company with local offices, manufacturing, training and technical services available throughout the world. As the U.S. and global Nuclear markets enter a new renaissance, Lincoln Electric is uniquely suited to help you select the best welding process, procedure, equipment and consumables for your specific requirements.

As your welding solutions partner, we will work with your team before, during and after solution implementation to offer training, problem solving and consultation.





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