



## *Wind Tower Welding Solutions*

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

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



## ***Lincoln Electric: Wind Tower Fabricators Total Welding Solution***

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.

Our wide range of equipment, consumables and solutions position us like no other company to enable the Wind Tower industry to expand and make the technological advancements necessary to meet rising global energy needs.

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### ***Equipment Solutions for the Wind Tower Industry***

#### **Power Wave® Multi-Process Power Sources**

- Waveform Control Technology® allows operators to vary wave balance, offset, and frequency in AC subarc operations, making single pass welds per side on longitudinal and circumferential seams possible
- Production Monitoring™ software is proven to increase productivity and quality
- Energy efficiency dramatically reduces operating cost
- The Power Wave® AC/DC 1000® delivers consistent operation at 1000 amps AC or DC at 100% Duty Cycle



## ***Consumable Solutions for the Wind Tower Industry***

### **Lincolnweld® Flux & Electrode Combinations**

- Excellent mechanical properties when single or multiple pass welding
- Onshore and offshore in warm or cold weather requirements
- Options for higher depositions, specific impact specifications, and low alloy steel welding applications
- Low hydrogen levels and easy slag removal



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## ***Lincoln Knows Wind Tower Fabrication***

Lincoln Electric has put its 70 years as the world's leader in subarc equipment and consumable design into developing the best solutions for the Wind Tower industry. The optimization of the welding process in tower fabrication depends upon a balanced mix of: cut & rolling quality, fit-up, plate chemistry and availability, welding procedure, welding equipment and welding consumables.

Wind Tower fabrication is a complex process and Lincoln Electric is uniquely suited to work with you to develop the best 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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