

# HARD AUTOMATION

**LINCOLN ELECTRIC**  
WELDING SOLUTIONS  
FOR THE HEAVY INDUSTRY

**LINCOLN ELECTRIC**  
AUTOMATIC WELDING



**LINCOLN ELECTRIC**  
AUTOMATIC WELDING  
DIVISION

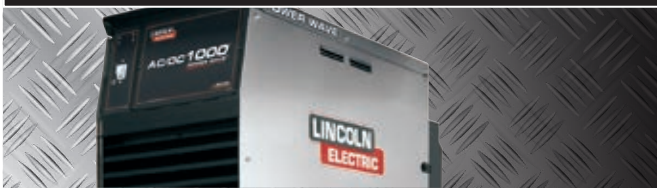


**Lincoln Electric offers solutions for HARD AUTOMATION systems which encompasses fixed automation and programmable automation products including automatic welding equipment, wire feeders, process controllers, positioners, workholding devices, welding consumables and bolt-on accessories.**

*Lincoln offers a full range of Pre-Engineered & Custom Products and Services:*

- Welding Gantries
- Tank Welders
- Pipe Welders
- Column and Boom Systems
- Turntables and Positioners
- Welding Lathes
- Rollerbeds

### Power Sources



Multi-process transformer and inverter Power Sources cover all requirements presented. User friendly designs allow a wide variety of weld procedures to produce consistent, quality welds.

### Column & Boom Manipulators



The vibration free column and boom can be used for positioning the weld head for the automated welding of a variety of work pieces from small pipe to large tanks. Both longitudinal and circumferential welds can be easily automated using additional rollerbeds.

### Cross Slides



Manually or automatically position the weld head to the weld joint independently from the positioning equipment.

### Cladding Systems



Use our equipment and process know how for a wide variety of applications.

### Positioners



Work-pieces can always be placed in the most convenient working position.

### Rollerbeds / Idlers



Position the work piece with accuracy or rotation at a constant speed depending on the application.

**Do you want to find out more about Hard Automation?**

**Go to our website!**

