



AUTOMATION SOLUTIONS

Mechanized Automation

Mechanized Automation provides complete turnkey solutions including manipulators, gantries, seamers, tilt rotate positioners, turning and idle rolls, and accessories with submerged or open arc welding processes to increase productivity and improve weld quality. Components such as motorized slides, tactile or laser seam tracking, and oscillators are also available integrated or stand-alone.



Orbital Welding Equipment

Orbital welding systems are designed to incorporate all the welding supplies needed to provide control over the entire orbital welding process. The welding process has strict parameters that must be maintained to meet the requirements demanded from power plants, chemical plants and refineries.



Flexible Automation

Lincoln Electric Automation Division integrates robotic arc welding equipment and automated welding systems to help you decrease manufacturing costs, increase weld quality, improve welding productivity and enhance your working environment.



Pre-Configured Robotic Cells

Fab-Pak® Pre-Configured Robotic Welding Cells are affordable turnkey systems for entry level robotic welding automation. Standard configurations allow easy transition to robotic welding with minimal set-up and programming, and quick delivery.



Power Sources

Power Wave® robotic power sources (with Waveform Control Technology™) deliver maximum arc performance across a variety of automated welding applications. Engineered with advanced remote monitoring capabilities, Power Wave® power source solutions keep you in total control of your automated welding process — anytime, anywhere.



Robotic power sources include:

- Power Wave® R450 (K33451-1)
- Power Wave® R450 with Wi-Fi & Bluetooth (K33451-2)
- Power Wave® R450 CE (K3455-1)
- Power Wave® S500 (K2904-1) + AutoDrive® 19
- Power Wave® S700 (K3279-1) + AutoDrive® 19

Wire Feeders

Lincoln Electric's AutoDrive® wire feed solutions deliver industry-leading performance for robotic and hard automation applications. Compact and easy to integrate, these rugged wire feeders deliver superior wire feed control for an exceptional weld from start to finish.

Robotic wire feeders include:

- Power Feed® 10R
- AutoDrive® AR100
- AutoDrive® AR220
- AutoDrive® S
- AutoDrive® SA

