FAB-PAK CDZ (COMPACT DUAL ZONE) ROBOTIC WELDING SYSTEM

The Fab-Pak® family of pre-engineered robotic welding systems from Lincoln Electric Automation™ enhance part production by helping to improve productivity, quality, and safety. The Fab-Pak CDZ standard robotic welding system is ideal for small- to medium-sized parts that need reorientation.

SYSTEM INCLUDES
- Power Wave® R450 power source
- AutoDrive® 4R100 wire feeder
- Magnum® PRO robotic torch
- Power Ream® II torch maintenance unit
- FANUC® welding robot
- Robot basic software package
- Wire mesh panels with weld curtains
- Push button control

OPTIONS AVAILABLE
- Water-cooled torch
- LaserTouch (requires water-cooled torch)
- TouchSense
- Thru Arc Seam Tracking
- Touchscreen HMI
- Fume filtration
- Headstock positioner in each zone
- Tooling tables and beams
- ABB® welding robot
- Virtual or in-person training

KEY FEATURES
- Shipped completely assembled
- Minimal installation

BENEFITS
- Full welding capabilities with a small robot arm and system footprint
- ANSI/RIA safety compliant

INDUSTRY
- High-mix, low-volume manufacturing

CONTACT LINCOLN ELECTRIC AUTOMATION - CLEVELAND

22221 St. Clair Ave
Euclid, OH 44117

+1 (216) 383-2959
lincolnelectric.com
The business of Lincoln Electric is manufacturing and selling high-quality welding equipment, automated welding systems, consumables, and cutting equipment. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation or application. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers’ particular purpose or any other equivalent or similar warranty is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the definition of specifications, and the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Important Note: Changes from recommended motor sizing, payload, duty cycles, cable routing, weld grounding (if applicable), other system specifications (i.e. servo parameters, controller stop parameter), and/or modifications may affect cycle times and overall performance. User assumes all responsibility for proper rigging, installation, and machine setting alignments of product(s).

Manufacturer’s warranty is void to the extent any failure caused by improper installation, modification, or operation by customer.

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Model Name</th>
<th>Positioner Capacity (kg)</th>
<th>Span (mm)</th>
<th>Swing (mm)</th>
<th>Wire Feeder</th>
<th>Robot Arm</th>
<th>Qty of Robots</th>
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</thead>
<tbody>
<tr>
<td>AD2504</td>
<td>CDZ-FT</td>
<td>500</td>
<td>N/A</td>
<td>N/A</td>
<td>4R100</td>
<td>FANUC or ABB</td>
<td>1</td>
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<tr>
<td></td>
<td>CDZ-HS</td>
<td>500</td>
<td>1000</td>
<td>750</td>
<td>4R100</td>
<td>FANUC or ABB</td>
<td>1</td>
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