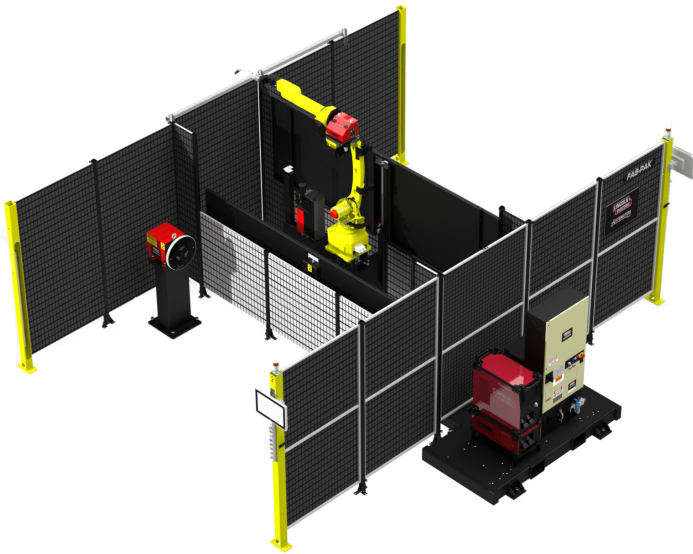
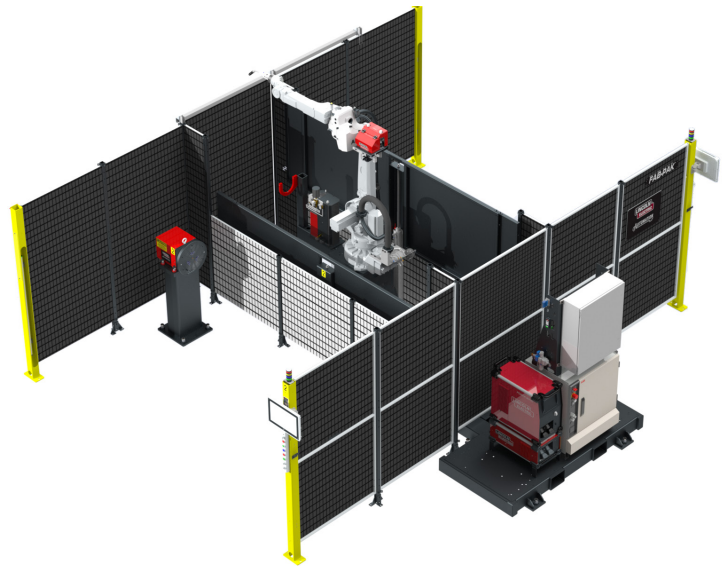


# FAB-PAK FHS-B2B

## ROBOTIC WELDING SYSTEMS



FHS-B2B with FANUC® robot



FHS-B2B with ABB® robot

*Renders are for reference only*

## FAB-PAK FHS-B2B (FIXED HEADSTOCK BACK-TO-BACK) 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 FHS-B2B standard robotic welding system is ideal for medium- to large-sized parts that need reorientation.

### SYSTEM INCLUDES

- Power Wave® R450 power source
- AutoDrive® 4R220 wire feeder
- Magnum® PRO robotic torch
- Power Ream® II torch maintenance unit
- Headstock/Tailstock positioner
- Welding robot(s) [see specifications]
- Robot basic software package
- Wire mesh panels with weld curtains
- Push button control

### KEY FEATURE

- Two independent work zones

### BENEFITS

- Adaptability to a variety of tool lengths and part widths
- Flexibility of part positioning
- ANSI/RIA safety compliant

### OPTIONS AVAILABLE

- Water-cooled torch
- LaserTouch (requires water-cooled torch)
- TouchSense
- Thru-Arc™ seam tracking
- Touchscreen HMI
- Fume filtration
- Tooling tables and beams
- Virtual or in-person training

### INDUSTRY

- High-mix, low-volume manufacturing

## CONTACT LINCOLN ELECTRIC AUTOMATION - CLEVELAND



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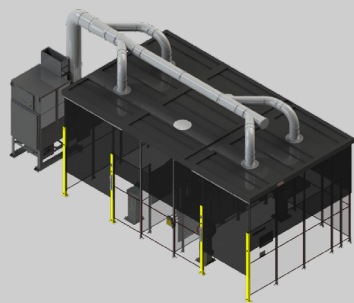
[lincolnelectric.com](http://lincolnelectric.com)

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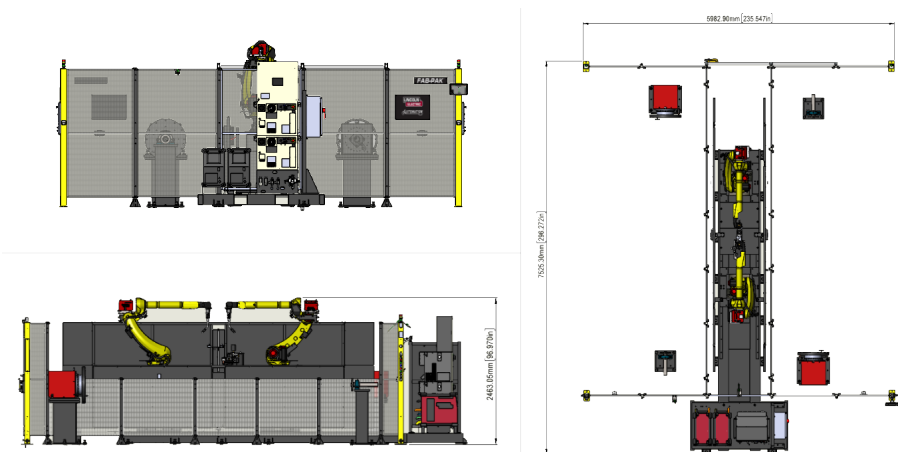
RECOMMENDED OPTION - FUME EXTRACTION



Shown:  
Fab-Pak B2B  
3750mm system with Prism  
Exhaust Hood and Prism  
Compact unit

Prism® systems are specifically designed to remove fumes generated in robotic welding environments. The systems include the Prism exhaust hood, a Prism central extraction unit, and appropriate ducting.

Lincoln Electric can help you meet your fume filtration goals; whether that is to meet OSHA or insurance requirements, retain workers, or simply to have a filtered welding environment.



FHS-B2B DA 4500mm with FANUC robots

PRODUCT SPECIFICATIONS

Product Number	Model Name	Positioner Capacity (kg)	Span (mm)	Swing (mm)	Wire Feeder	Robot Arm	Qty of Robots
AD2507	FHS-B2B 2500mm	1000	2500	1250	4R220	FANUC or ABB	1
	FHS-B2B 3150mm	1000	3150	1250	4R220	FANUC	1
	FHS-B2B 3750mm	2000	3750	1250	4R220	ABB	1
	FHS-B2B 4500mm	2000	4500	1500	4R220	FANUC	1
	FHS-B2B DA 3150mm	1000	3150	1250	4R220	FANUC	2
	FHS-B2B DA 3750mm	1000	3750	1250	4R220	ABB	2
	FHS-B2B DA 4500mm	2000	4500	1500	4R220	FANUC or ABB	2

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.

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CUSTOMER ASSISTANCE POLICY

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