FLEX-FAB XHS

ROBOTIC WELDING SYSTEMS



Renders are for reference only

FLEX-FAB XHS (INDEXING HEADSTOCK CENTER-MOUNT) ROBOTIC WELDING SYSTEM

Pre-engineered robotic welding systems from Lincoln Electric enhance part production by helping to improve productivity, quality, and safety. The Flex-Fab XHS standard robotic welding system is ideal for small- to medium-sized parts that need reorientation.

SYSTEM INCLUDES

- Power Wave® R450 power source
- GMAW Process or HYPERFILL®
- Robotic torch with wire break
- AutoDrive® wire feeder
- Cooler unit
- Torch maintenance unit
- Servo-driven H-Frame indexing unit
- FANUC® 100iD/8L welding robot
- Fencing and light barrier curtains
- Push button control
- Fume extraction hood
- Robot software package including TouchSense and Thru Arc Seam Tracking

BENEFITS

- Helps increase throughput efficiency, accuracy, and repeatability
- Easily configurable for future production flexibility
- CE compliant

KEY FEATURES

- Single load/unload access point
- Headstock/tailstock positioner in each zone

OPTIONS AVAILABLE

- Fume extraction system
- Frametooling support
- In-person training

INDUSTRY

- High-mix, low-volume manufacturing

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RECOMMENDED OPTION - FUME EXTRACTION

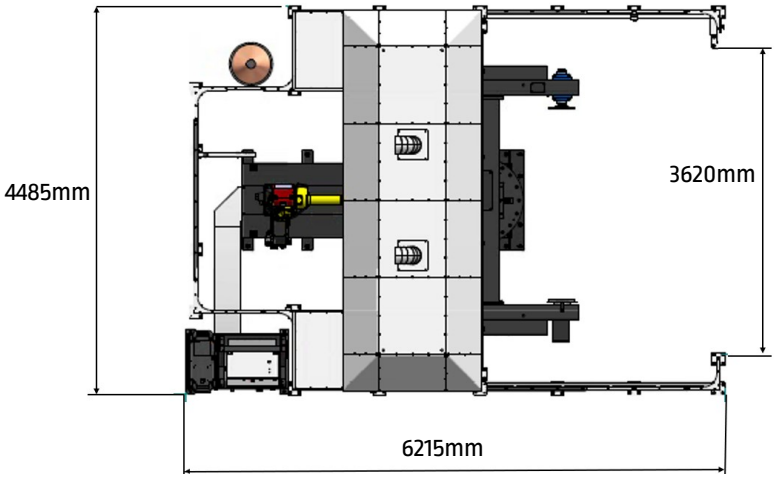


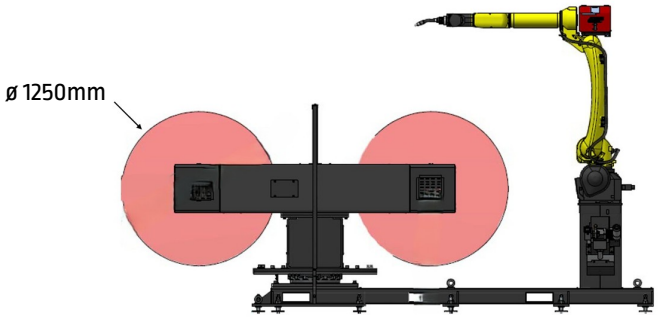
Shown:
Flex-Fab XHS with Exhaust Hood and filtration unit

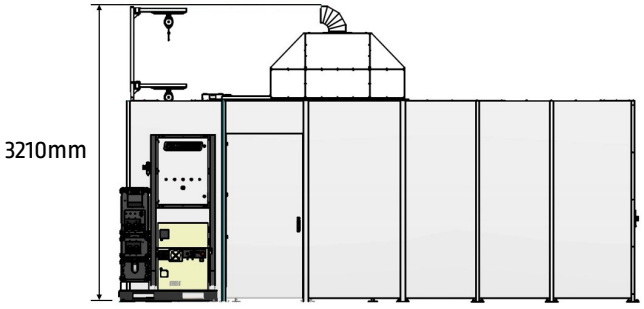
Fume extraction systems are specifically designed to remove fumes generated in robotic welding environments. In addition of the fume hood, the systems includes a central extraction unit, and appropriate ducting.

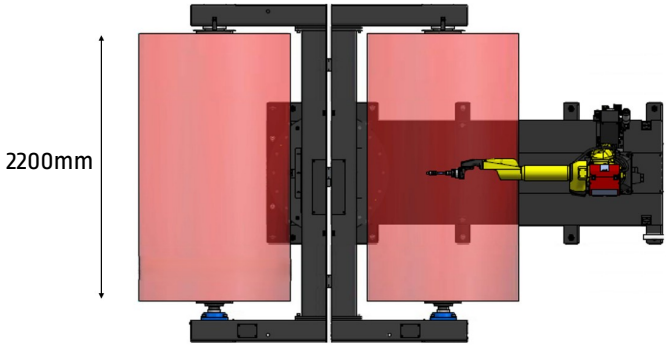
Lincoln Electric can help you meet your fume filtration goals; whether that is to meet local regulations, retain workers, or simply to have a filtered welding environment.

XHS 2200mm with FANUC robot









PRODUCT SPECIFICATIONS

Product Number	Model Name	Positioner Capacity (kg)	Span (mm)	Swing (mm)	Wire Feeder	Robot Arm	Process
AS-RM-91507100	XHS-500 2200mm LE550W WB	500 per station	2200	1250	4R100	FANUC 100iD/8L	GMAW
AS-RM-91507101	XHS-500 2200mm B500W WB	500 per station	2200	1250	4R100	FANUC100iD/8L	GMAW
AS-RM-91507102	XHS-500 2200mm HYPERFILL WB	500 per station	2200	1250	4R220	FANUC100iD/8L	HYPERFILL

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.

CUSTOMER ASSISTANCE POLICY

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