

Pre-Engineered Standard Robotic Welding Systems



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	Fab-Pak™ FT	Fab-Pak XFT	Pro-Pak™ XFT	Fab-Pak FHS	Pro-Pak FHS	Fab-Pak XHS	Pro-Pak XHS	Fab-Pak FW	Pro-Pak FW
System Type	Fixed Table	Turntable	Turntable	Single Side Side-by-Side Back-to-Back	Single Station Dual Station	H-Frame RM H-Frame CM	H-Frame	Ferris Wheel	Ferris Wheel
Axes for Part Rotation	0	0	0	1	1	1	1	1	1
Number of Work Zones	1, 2	2	2	1, 2	1, 2	2	2	2	2
Industry/Application	General Industry	General Industry	Automotive	General Industry	Automotive	General Industry	Automotive	General Industry	Automotive

TECHNICAL SPECIFICATIONS

Fixed Table Work Envelope in (mm)	36x96 [914x2438] 2 @ 36x48 [914x1219]								
Turntable Diameter in (mm)		59-118 [1500-3000]	60-84 [1520-2130]						
Tool Bed Length in (mm)				78-197 [2000-5000] 49-59 [1250-1500] 78-197 [2000-5000]	79-118 [2000-3000] 56 [1422]	39-118 [1000-3000] 48-108 [1220-2743]	79-118 [2000 - 3000]	39 -118 [1000-3000]	79-157 [2000 - 4000]
Tool Diameter Ø in (mm)				39-59 [1000-1500] 39-49 [1000-1250] 39-78 [1000-2000]	39 [998] *Starting at	35-59 [900-1500] 40-48 [1015-1220]	51 [1300]	39 -59 [1000-1500]	51 [1300]
Payload Per Zone lb [kg]	2000 [907]	550-3307 [250-1500]	661-2204 [300-1000]	2204-3307 [1000-1500] 2204 [1000] 2204-3307 [1000-1500]	661-3307 [300-1500] 661-1102 [300-500]	550-2204 [250-1000] 1600-2204 [725-1000]	2204 [1000]	1650-3307 [750-1500]	2204-3307 [1000-1500]

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FEATURES OR OPTIONS	Fab-Pak FT	Fab-Pak XFT	Pro-Pak XFT	Fab-Pak FHS	Pro-Pak FHS	Fab-Pak XHS	Pro-Pak XHS	Fab-Pak FW	Pro-Pak FW
GENERAL SPECIFICATIONS									
Palletized - No Assembly Required	•								
Palletized/Modular base - limited assembly		•	•	•	•	•	•	•	•
Wire Mesh Panels w/ Weld Curtain	•	•		•		•		•	
Solid Sheet Metal Panels	•	•	•	•	•	•	•	•	•
Crane Access	•	•		•		•		•	
Roll Up Door			•		•		•		•
Pushbutton Control	•	•	•	•	•	•	•	•	•
HMI Control	•	•	•	•	•	•	•	•	•
Power Distribution	•	•	•	•	•	•	•	•	•
Doweled Robot Mounts	•	•	•	•	•	•	•	•	•
Basic Robot Programming Training	•	•	•	•	•	•	•	•	•
SAFETY									
ANSI/RIA Compliant	•	•	•	•	•	•	•	•	•
Sensor Protected Work Zones		•	•	•	•	•	•	•	•
Sensor Interlocked Access Points	•	•		•		•		•	
Fixed Arc-Flash Barrier		•				•	•	•	•
Manual or Automatic Arc-Flash Barrier	•		•	•	•				
Weld Ground Isolation			•		•		•		•
Laser Area Scanners		•	•	•	•	•	•	•	•
ROBOT									
Fanuc®	•	•	•	•	•	•	•	•	•
ABB®		•	•	•	•	•	•	•	•
Other Brands			•		•		•		•

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ADD-ONS									
In-House Fume Extraction Equipment	•	•	•	•	•	•	•	•	•
In-House Tooling Capabilities	•	•	•	•	•	•	•	•	•
Multi-Robot Configurations			•	•	•	•		•	•
Crown Mounted Robot							•		•
Robotic Torch Cleaning Station	•	•	•	•	•	•	•	•	•
Weld Gas Distribution Station			•		•		•		•
Weld Gas Flow Monitor			•		•		•		•
Pneumatic Distribution Station			•		•		•		•
Zero Friction Wire Delivery	•	•	•	•	•	•	•	•	•
Wire Detect Sensors	•	•	•	•	•	•	•	•	•

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