

Adaptive's Industrial Automation Platforms are pre-configured industrial manufacturing cells and equipment available for customization. These platforms are a fraction of the price of a custom automation solution and available in less than half the time. These engineered and proven platforms reduce workload and project risk, allowing your team to achieve more, faster.

The IAP-Rotary is a flexible, high-precision, multi-position, index manufacturing cell that includes dual Fanuc SCARA robot stations. It includes an electrical enclosure, PLC control system with color touchscreen HMI, and complete safety system. Engineered and designed for continuous operation, this extremely robust platform can be tailored to accommodate endless manufacturing operations, including assembly, inspection, test, label, package and many more.

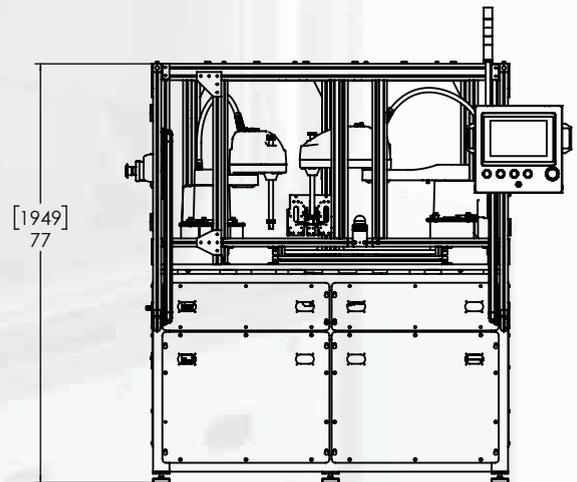
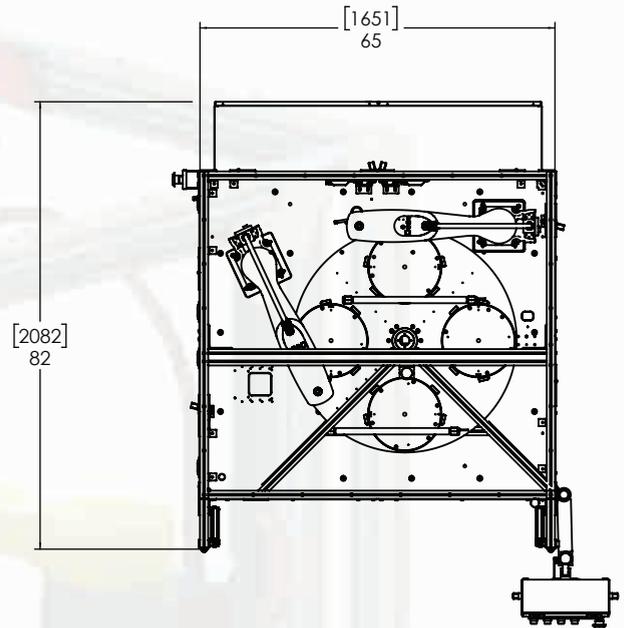
All product tooling (fixtures, robot end of arm tools, part feeders, etc) and any additional station equipment is the responsibility of the end user. All software development and testing (PLC, robot, HMI, etc) is the responsibility of the end user.

Base Machine Features:

- Welded Steel Tube Base Frame and Steel Tabletop with Leveling Feet
- 4-Position Precision Indexing Table with Dial Plate
- Two Fanuc SR6iA SCARA Robots on Mounting Pedestals
- Electrical Enclosure with PLC, 24V Power Supply and Safety PLC
- Full Safety System with Operator Access Station - PLD/PLE Safety Rating
- 3-Light Stack Indicator
- Web Browser Programming Interface
- Pneumatic Air Prep and Valve Bank

Available Options & Add-ons

- Add 3rd SCARA Robot
- Change Robot Models
- Robot Teach Pendant
- Robot Touch Tooling (EOAT)
- Machine Vision & Lighting
- Part Feeding & Escapement
- Operator Push Button Controls
- Ignition SCADA Software
- Remote Access Module
- Table Fixtures
- Programming Support



	Base Unit Specifications	Notes
Cycle time starting at	3 seconds	
Machine Footprint	271" x 152"	includes enclosure
Machine Height	8 ft	includes safety frame at 36" infeed height
Machine Weight	Based on case former selection	
Infeed conveyor height	30" - 36"	
Max Product Size	17.5" x 22" x 3"	
Max Product + EOAT Weight	25 lbs	
Voltage	480V, 60Hz 3PH	
Air	80-100 psi	