

STANDARD PRODUCTS



Untooled Robot Cell for Epson Robots

A ready-to-use, scalable, modular, and flexible Robotic Safety Cell

The Robotic Safety Cell provides a turnkey base platform for Epson Robot applications. It is ready for fixtures, End-of-Arm-Tooling (EOAT), material handling, and/or automation. The cell includes a complete control system with a PLC for automation control plus an Ethernet Hub for networked communication to the Epson RC-Series Controller, PLC, vision system(s), or other components for seamless control integration.

Outfitted with swivel casters, leveling feet, filter-regulator, guarding, E-Stops, door interlocks, a breadboard mounting surface, and documentation, the complete system requires only power and your custom robot program to operate.



System Details

Basic Features:

- Integrated Base Frame, Safety Guarding, and Controls
- Threaded Breadboard Table Top
- Fluorescent Task-Light and 120VAC Duplex Outlet
- Filter-Regulator Assembly
- Leveling Feet and Swivel Casters
- Complete Control System Enclosure

Control System:

- 30A Fused Disconnect
- Incoming Power Circuit Breaker
- A-B Micrologix 1100 PLC
- 10A 24VDC Power Supply
- Lock-Out/Tag-Out Ready
- NEMA 12 Enclosure
- 8-Port Ethernet Switch
- Safety Relays
- External Programming Port
- Safety Stickers
- Multiple E-Stop Buttons
- Service Bypass Key Switch
- Start/Stop/Reset Buttons
- Alarm Tower
- Interlocked Doors
- 32 Source Input & Output PLC Expansion
- Bill of Materials
- Schematics

Dimensions: 48" L x 48" L x 79" H or 72" L x 48" W x 79" H (other sizes available)

