

# ROBOTICS APPLICATION

## Untooled Robot Cell



### *A ready-to-use, scalable, modular, and flexible Untooled Robot Cell*

The Untooled Robot Cell provides a turnkey base platform for Industrial 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 Robot 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
- LED 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)



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300 Commerce Drive / Quakertown, PA 18951  
888.419.3343 / [sales@demcoautomation.com](mailto:sales@demcoautomation.com)