

Reliabotics proudly introduces RoboRoom; a turnkey, modular automation work cell designed for easy integration with robotics, PLC controls, machine vision, end-of-arm-tooling, conveyance and feeding systems. RoboRoom replaces manual manufacturing processes, while increasing product quality and production throughput with a quick return on investment.



**Starting At**  
**\$55k**

**Available At IMTS**  
**Booth #237266**

## Turnkey Automation Work Cell

- Industry standard components
- Easy to program & deploy
- Many industrial applications
- Configurable, modular & scalable
- Quick return on investment
- Industry 4.0 ready



RoboRoom is the ideal modular and flexible robotic work cell to automate many of today's manufacturing applications in factories, R&D centers and processing facilities. Our complete line of turnkey solutions include industry standard components with intuitive HMI User Interface for quick deployment and ease of operation.



#### **Work Cell**

52" x 48" Process Platform  
Steel / Aluminum Enclosure  
RIA 15.06 Safety Compliance  
120, 208 or 240 VAC Standard Options  
Leveling Feet

#### **Robots**

Kuka, Fanuc, Epson, UR

#### **Controls**

Allen Bradley, Beckhoff, Siemens  
Complete Logic/IO/Safety Panel  
Ethernet/IP, TwinCAT, ProfiNet  
Complete HMI With Programmed UI  
24 VDC Power Supply

#### **Optional**

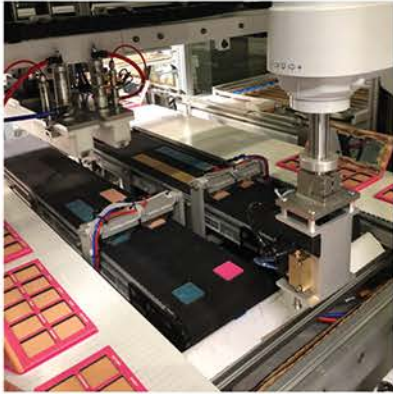
Conveyance & Feeders  
Machine Vision  
ISO 6 Clean Room Compliance  
SMEMA Compliance  
UPS System

## Industrial Applications

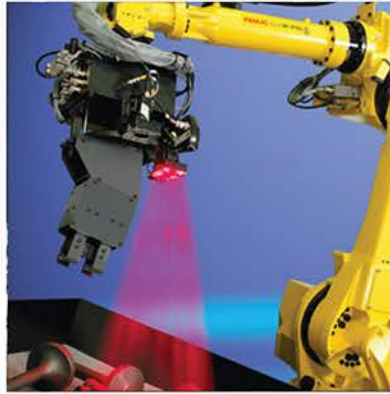
- Assembly & Test
- Laser Processing
- Pick & Place
- Material Handling
- Machine Tending
- Deburring & Finishing
- Vision Inspection
- Welding & Soldering
- Dispensing & Bonding
- Surface Treatment



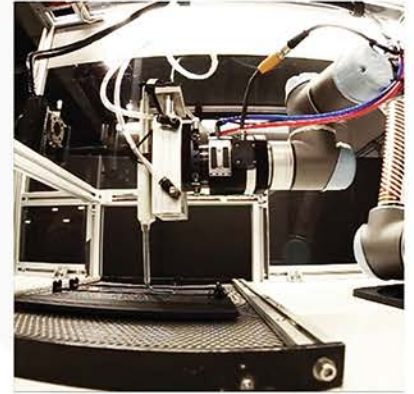




**Pick & Place**



**Vision Inspection**



**Dispensing & Bonding**



**Assembly & Test**



**Deburring & Finishing**



**Surface Treatment**

## Industries



**Automotive**



**Aerospace**



**Electronics**



**Manufacturing**



**Medical**



**Optics**



**Packaging**



**Transportation**



## Robots

**KUKA** **FANUC**  **UNIVERSAL ROBOTS** **EPSON**

## Controls

 **Allen-Bradley** **BECKHOFF** **SIEMENS**

## Tooling

 **ATI INDUSTRIAL AUTOMATION**  **SCHMALZ**  **SCHUNK**

## Feeders & Conveyance

 **Quickdraw**  
CONVEYOR SYSTEMS  **HC-AUTOMATION**  
DOING WHAT'S RIGHT.  **QC Conveyors**  
A DURAVANT COMPANY  **FEEDING CONCEPTS**  
RIGHT ON FEEDERS

## Machine Vision

**COGNEX**  **KEYENCE**  **LMI TECHNOLOGIES**

## Software

 **Allen-Bradley** **BECKHOFF** Twin**CAT**®  **Octopus Deploy**

