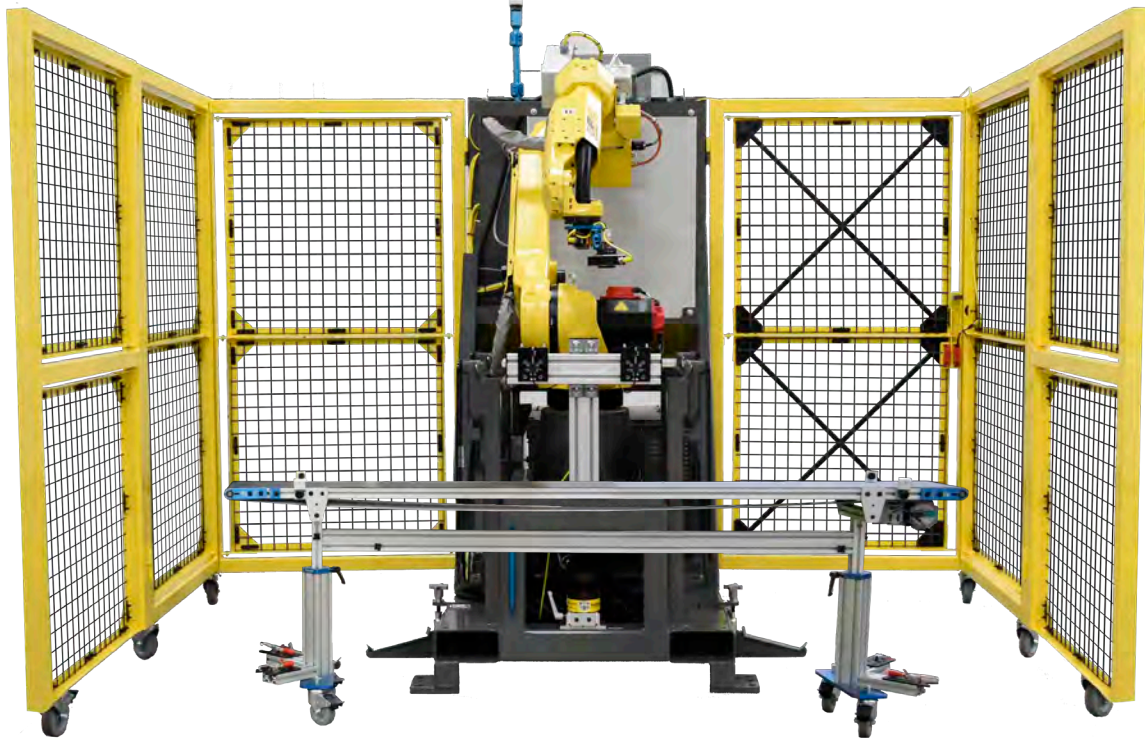


AM-CERT

ADVANCED MANUFACTURING CERT CELL

Train on Industrial Equipment for Advanced Manufacturing
Take your training to the next level!

*Fully integrated Rockwell PLC with FANUC robot
for advanced material handling.*



Product Dimensions:

Open: 10' deep x 10' wide x 88" high
Folded: 72" deep x 54" Wide x 88" high



Product Options:

AM-CERT-10	Material Handling CERT Cell with M10 Robot
AM-CERT-20	Material Handling CERT Cell with M20 Robot
Option 1	Swivellink® Conveyor
Option 2	Area Scanner 270° Protection
Option 3	Automatic Tool Change
Option 4	Safety PLC Option
Option 5	Transformer 208V, 220V, or 240V 3-Phase Power

Rockwell PLC • FANUC Robot • FANUC iRVision • Swivellink® Conveyor

Robotics • PLC • Safety • Pneumatics • I/O • Vision



AM-CERT Features



- Folding perimeter fencing
- Access panel for conveyor through the perimeter fence
- Slide out programming laptop desk with 110 VAC power supply
- Fold down pick and place tables
- SMC pneumatics, filter/regulator
- SMC valve bank wired to robot I/O
- SMC two-jaw robot gripper with open/close sensors and Piab vacuum with vacuum switch
- Available ATI automatic tool change with separate gripper and vacuum tool
- Portable with pallet jack or forklift

FANUC

- FANUC M10iD or M20iA 6-axis robot
- FANUC R30iB Plus robot controller
- 2D iRVision

FANUC's new R30iB Plus robot controllers feature the new iPendant with enhanced screen resolution and processing capability.

The new user interface, iHMI, can display guides for setup and programming, as well as tutorials from the main home page which is a design common to FANUC CNCs, enabling easier use of robots.



- Safety interlocked entry door
- 16 remote accessible configurable I/O points
- PLC control panel with viewing window, main power disconnect, program access port on outside of panel
- Rockwell CompactLogix™ or Compact GuardLogix® PLC cell control
- Rockwell PanelView™ 10" touch screen interface with cell function screens
- Light curtain or area scan safety for robot work area
- Main power choice of 208 VAC 3 phase, 220 VAC 3 phase, or 480 VAC 3 phase

CERTIFICATIONS, CURRICULUM & SOFTWARE

FANUC

Material Handling (MH) CERT School Comprehensive Educational Package

- (25) online seats for Robot Operations web course
- (25) online seats for HandlingTool or ArcTool Operation and Programming web course
- (25) online seats for HandlingPRO or WeldPRO web course
- (25) ROBOGUIDE Simulation software licenses

Material Handling (MH) CERT Instructor Training and Toolkit

- (1) online seat for CERT Cart Safety Features web course
- (1) online seat for Robot Operations web course
- (1) online seat for HandlingTool or ArcTool Operation and Programming web course
- (1) online seat for HandlingPRO or WeldPRO web course
- (1) seat for live HandlingTool or ArcTool Operation and Programming class at a FANUC facility
- (1) ROBOGUIDE Simulation Software license
- (1) FANUC Robot Operations Manual
- (1) FANUC HandlingTool or ArcTool Operations and Programming Manual
- (1) FANUC HandlingPRO (ROBOGUIDE Simulation) Manual



Rockwell Automation EDU Toolkit Bundle with 1 year subscription

- (1) Studio 5000 Logix Designer®
- (1) Studio 5000 View Designer
- Plus over 100 more

(2) 1-year e-learning subscription

- CompactLogix™ 5000 System Fundamentals
- Basic Ladder Logic Project Development
- Plus many more



Integration Project-Based Learning (PBL) Curriculum

- Daily lesson plans
- Assessment and grade charts

INTEGRATED BY



FOR ADDITIONAL INFORMATION:



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