



for a greener tomorrow



# Mitsubishi Electric's CNC-Robot Integration Cell

## Equipment Description

### CNC Machine + Robot (110VAC)

Introducing the Mitsubishi CNC – Robot Tending Cell, this system comes complete with a 3-axis CNC desktop mill integrated with a real-time spindle coupled to a Mitsubishi Electric industrial robot.



## Uses

This machine is a game changer and great for the classroom environment with a 36 inch width and ability to run off 110VAC. Learn the steps of integrating a real industrial robot to a CNC machine using Mitsubishi's Direct Robot Control function. Both PLC and Programming from the CNC control can be freely modified. Create projects to expand the imagination of today's students.

## Robot Specifications

Payload Capacity	3kg
Maximum reach	19.8"(504 mm)
Axis	6 (J1-J6)
Maximum Speed	4955 mm/sec
Position Repeatability	0.02mm
Controller Type	CR750
Software	RT Tool Box 3

## CNC Mill Specifications

X Axis Travel	11"(280 mm)
Y Axis Travel	16"(400 mm)
Z Axis Travel	5.5"(140 mm)
Spindle	0-6,000rpm, 0.5HP
Rapid Feedrate	300ipm(7,600 mm/min)
Cutting Feedrate	150ipm(3,800 mm/min)
Tooling Type	ER20
Machine Table	HPL (Opt. Aluminum T-slot)

## MITSUBISHI ELECTRIC AUTOMATION, INC.

500 Corporate Woods Parkway, Vernon Hills, IL 60061  
Ph 847.478.2500 • Email: CNCtraining@meau.com

[us.MitsubishiElectric.com/fa/en](http://us.MitsubishiElectric.com/fa/en)

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