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Mitsubishi Electric's Desktop CNC Machine

Equipment Description

CNC Desktop Milling Machine (110VAC)

Introducing the Mitsubishi CNC 3-axis desktop mill. This small, versatile machine was designed to be lightweight for ease of movement within a classroom environment.



Uses

Designed for the classroom environment, this machine will run utilizing a simple 110VAC standard wall outlet. Students will learn the operating and programming skills needed to run a full-size CNC machine such as setting tool offsets, work offsets, creating and running programs, and so much more. The 1/2HP 6000rpm spindle is ample enough to cut wax or even aluminum. An optional T slot table makes work holding that much easier. The spindle plate has an additional hole for mounting a marker for drawing/testing 2D programs, allowing students to crawl before they walk.

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)

Training

Students can choose to supplement this machine with a 2-Day Web-based or 3-Day Instructor-led Mill CNC Programming class. Alternatively, students can decide to take a 2-Day Web-based or 3-Day Instructor-led CNC Maintenance class instead.

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