



*Tabletop
CNC Machines*



**POWERFUL
SOLUTIONS**

to Get The Job Done!

WWW.LEVILTECHNOLOGY.COM

EDU - MILL

MILLING

LOW INERTIA CNC MACHINES

CONTROLS

/ Fanuc

/ Levil

/ Mitsubishi

SPECS

- 7" (178mm) X axis travel
- 10.5" (267mm) Y axis travel
- 5" (127mm) Z axis travel
- Worktable 16.8" 9.8" (427mm x 250mm)
- Spindle speed 24,000 rpm, 2.2kw, ER-20 collet
- Rapid Feed 400 ipm (10,200 mm/min)
- Cutting Feed 240 ipm (6,120 mm/min)
- Linear guideways
- Ballscrews
- Direct drive
- Servo motors
- Dimensions W 27.5" x H 41.5" x D 33.5"
(With machine stand)
- Power 110 - 220 VAC 1ph

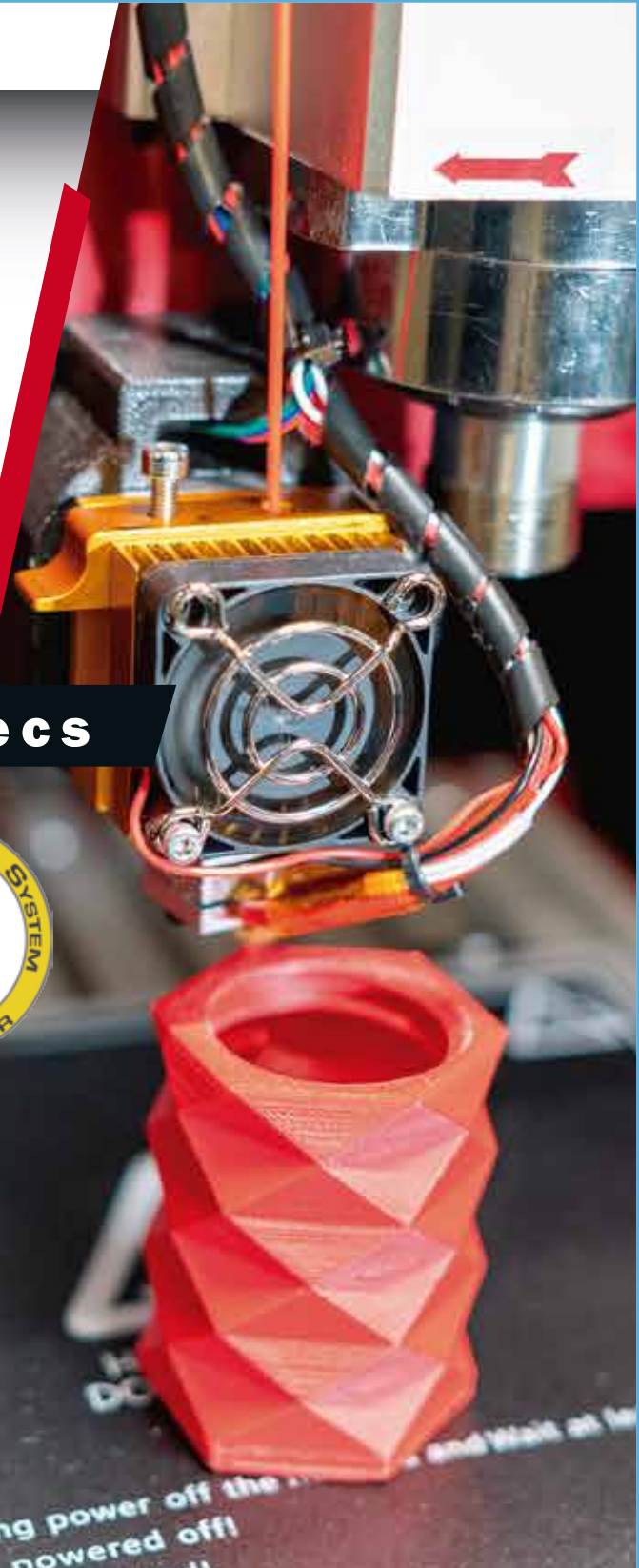


TURN THE EDU-MILL CNC MACHINE INTO A 3D PRINTER

By just attaching an extruder head, heated bed and filament of choice

EDU-MiLL 3D Printing Specs

- **Printing process**
Fused Deposition Modeling (FDM)
- **Build Volume**
160 x 200 x 120 mm (6.3 x 7.8 x 4.7in)
- **Extruder System**
1 Direct drive system (optional 2nd head will become available in the future)
- **Building plate**
Heated table 220 x 220 mm (8.6 x 8.6 in)
- **Material Storage**
Sealed within machine enclosure
- **Materials**
PLA, ABS, PETG. More being tested
- **Machine Construction**
Heavy duty aluminum frame
- **Layer Resolution**
20-400 microns



QUICKSILVER

L M V - 3 0 0

S E R I E S

The Preferred Tabletop
CNC Milling Machine
in INDUSTRY.



CONTROLS

Fanuc

Levil

MachMotion

Mitsubishi

SPECS

- Granite and aluminum Body
- Servo Controlled
- 14.5" (370mm) X axis travel
- 9.4" (240mm) Y axis travel
- 8" (205mm) Z axis travel
- Precision 0.0004" (0.01mm)
- Rapid Feed (X, Y & Z) 400ipm (10,200 mm/min)
- Cutting Feed (X, Y & Z) 240 ipm (6,120 mm/min)
- Spindle speed 100 - 14,000 rpm (up to 100K available)
- Spindle 2 hp
- Power Supply 220 VAC 20 A
- Dimensions W 48"x H 72" x D 52 1/2" (With machine stand)
- Linear guideways on each axis
- Direct drive on all Axis

LMV-400

M I L L

The Preferred Tabletop CNC
Milling Machine in EDUCATION.



SPECS

- Aluminum Body
- Servo Controlled
- 16.5" (421mm) X axis travel
- 8.5" (217mm) Y axis travel
- 7.5" (190mm) Z axis travel
- Precision 0.0004" (0.01mm)
- Rapid Feed (X, Y & Z) 400ipm (10,200 mm/min)
- Cutting Feed (X, Y & Z) 118 ipm (3,000 mm/min)
- Spindle speed 100 - 14,000 rpm (up to 100K available)
- Spindle 2 hp
- Linear guideways on each axis
- Direct drive on each Axis
- Fits through a standard 35" doorway
- Power 110 VAC 15A
- Dimensions W 33"x H 68" x D 37" (With machine stand)

* Also available with an extra 8" (203 mm) on the X Axis *

CONTROLS

/ Fanuc

/ MachMotion

/ Levil

/ Mitsubishi

LTC-30

L A T H E

The Preferred Tabletop CNC
Turning Center in INDUSTRY.



CONTROLS

/ Fanuc

/ Mitsubishi

SPECS

- Granite and aluminum body
- 7" (177 mm) X Axis Travel
- 8.85" (225 mm) Z Axis Travel
- Swing over bed 8" (203 mm)
- 8 POS. turret for 1/2" Shank External Tools
- Spindle 3000 rpm
- Precision 0.0004" (0.01 mm)
- Rapid Feed (X & Z) 157 ipm (4000 mm/min)
- Cutting Feed (X & Z) 118 ipm (3000 mm/min)
- Power 220 VAC 20 A
- Dimensions H66.5" x W44" x D30" (With machine stand)

LMT-300

MILLING - TURN

Horizontal Milling Machine with
Turning Capabilities



CONTROLS

Fanuc

Levil

MachMotion

Mitsubishi

SPECS

- Granite and Aluminum body
- Servo Controlled
- 13.7" (350mm) X axis travel
- 9.8" (250mm) Y axis travel
- 9.8" (250mm) Z axis travel
- +/- 360 on the A axis travel
- +110, -20 on the B axis travel
- Precision 0.0004" (0.01mm)
- Rapid Feed (X, Y & Z) 400ipm (10,200 mm/min)
- Cutting Feed (X, Y & Z) 118 ipm (3,000 mm/min)
- Spindle speed 100 – 14,000 rpm (Up to 100K available)

- Spindle 2 hp
- 10 milling tools
- 4 gang style OD cutting
- 4 gang style ID cutting
- Power 220 VAC 30A
- Dimensions W 30" x H 72" x D 43" (With machine stand)

ROBOT LOADED

CNC MILLING MACHINE



ROBOT CONTROL

Fanuc

SPECS

- Controlled axes 6
- Max load capacity at wrist 8.8 lbs (4kg)
- Repeatability 0.0008" (0.02 mm)
- Reach 22" (550 mm)

- Power supply 110 or 220 VAC
- MH iPendant with Touch Screen -R-30iBMate
- Ethernet I/P Scanner

Accessories

- 4th and 5th axis on milling centers
- 3" pneumatic vise
- Pneumatic 5c Collet System for turning center
- Electronic height gauge
- Edge finder
- Front door automation
- Safety door interlock sensor
- Safety door sensor
- Boring bar holder
- Collets
- 3" parallels
- Machine Stand with leveling casters

Warranty

Levil Technology warranties these products to the original purchaser to be free from defects in material and workmanship for a period of one year from the date of delivery. Levil Technology will replace any defective or malfunctioning parts at no charge. Extended Warranty is available for purchase.

Training

Training at Levil

We are happy to provide training on our machines to anyone who would like to learn. If you are available to travel to Levil a 1 day class is offered at no charge with the purchase of 1 machine.

On-site Training

If you would like a representative of Levil Technology to come to visit you and provide training on site, we are happy to do so. We can customize the training to your needs and to the products and uses you are trying to achieve.

Virtual Training

If you would like to learn more about the machines at your own pace we offer a variety of video clips, that can be found on our website to walk you through basic information, set up and trouble shooting. Video call training is also available.

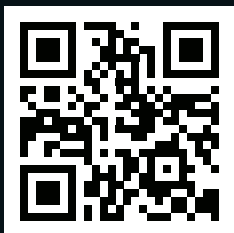
Software

- **SolidCAM** - SolidCAM Xpress and SolidCAMs 3D Pro package (90 day trial).
- **SmartCAM** - Advance Milling or Production Turning Package 30 day trial.



**We Provide
Powerful Solutions
TO GET THE JOB DONE!**

When machining small parts or prototypes, a tabletop CNC machine can save you time, space, and money without compromising the quality of your product.



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