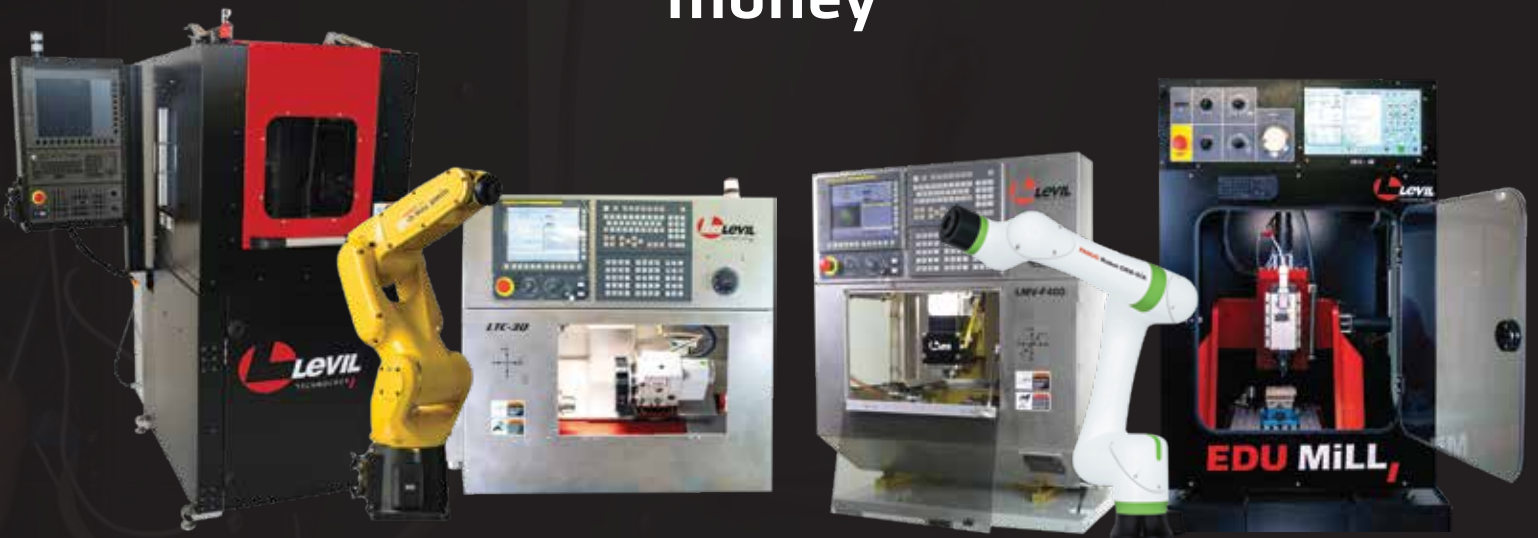




# LEVIL TECHNOLOGY COMPACT CNC MACHINES

Low inertia CNC machines that  
can **save** you time, space and  
money



without compromising the quality  
of your product.



Office: 407-542-3971  
1704 Kennedy Point, Suite 1124 Oviedo, FL 32765  
[WWW.LEVILTECHNOLOGY.COM](http://WWW.LEVILTECHNOLOGY.COM)



# EDU - Mill

## Vertical Mill with 3D Printing



- Travel: X: 178 mm (7"), Y: 267 mm (10.5"), Z: 118 mm (4.64")
- High-precision servo motors
- Cutting feed (X, Y, Z): 250 ipm (6,350 mm/min)
- Rapid feed (X, Y, Z): 400 ipm (10,200 mm/min)
- Accuracy: 0.02 mm (0.0004")
- Worktable size: 370 x 250 mm (14.5" x 9.8")
- Spindle speed: 1,000 rpm-24,000 rpm
- Power: 220 VAC, 15 A, 1 hp  
(stepper up/down transformer for 110 VAC available)
- Dimensions: W: 0.7 m (27.5"), D: 0.85 m (33.5"), H: 1.05 m (41.5")
- Weight: 300 lbs (136 kg)
- Steel enclosure with large doors and windows for easy access to the area
- Fits through a standard doorway
- Optional stand with casters for easy relocation

Read more ↑

OPTIONS

### 15 Position Tool Carousel

- Rotary 15-position tool carousel
- Upgraded LS-C30 auto tool changer – spindle
- 14,000 rpm, 2 hp, S20T taper, liquid-cooled
- Requires S20T style tool holders
- 3D printer option not available with this upgrade

### FDM 3D Print System

- Single or Double-headed extruder with 0.4 mm nozzles
- Heating element up to 30 °C
- Heated bed up to 90 °C
- Capable of printing PLA, ABS, PETG, metals (bronze, copper, steel, aluminum) and more

### 5-Position Tool Rack

- Stationary 5-position tool rack
- Upgraded LS-C30 auto tool changer – spindle
- 14,000 rpm, 2 hp, S20T taper, air-cooled
- Requires S20T style tool holders
- 3D printer option not available with this upgrade



Read more ↑

# LMV-400

## Vertical Mill

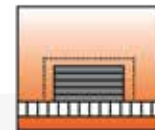
- High precision servo motors
- Power: 220 VAC, 15 A, 1 hp
- Travels: X: 421 mm (16.5"), Y: 217 mm (8.5"), Z: 190 mm (7.5")
- 11 position tool rack
- Cutting feed (X, Y, Z): 250 ipm (6,350 mm/min)
- Precision: 0.01 mm (.0004")
- Spindle speed: 100-14,000 rpm  
(up to 100k rpm optional)
- Tending robot available

\*Upgrade your LMV-400 with a robotic arm to automate tasks and boost productivity.

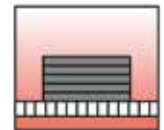
## 3D Print Metals in 3 Simple Steps!



Print



Debind



Sinter

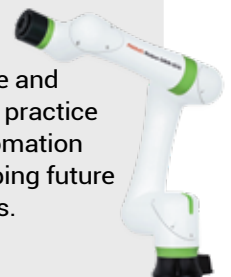
## Automate your Machine!

### Add a robotic arm to any of our machines

At Levil Technology, we are committed to offering an innovative platform that empowers students to excel in the field of modern manufacturing. Our machines are designed for seamless automation, allowing students to learn the programming and operation of CNC machines and robotic arms with ease.

Our advanced equipment, featuring cutting-edge FANUC LR-Mate 200iD or CRX5 robots, allows students to gain practical experience in precision machining and robotic automation.

By automating these machines, we create a secure and controlled environment where students can safely practice programming and operation. Our educational automation systems cultivate innovation and creativity, equipping future manufacturing industry leaders with valuable skills.





Read more ↑

Control



## LTC-30 Turning Center

- Travel: X: 170 mm (6.5"), Z: 225 mm (8.85")
- 8 pos. turret for 1/2" shank external tools
- 4 boring tool holders for 3/4" shank diameter
- Cutting feed (X, Z): 118 ipm (3000 mm/min)
- Rapid feed (X, Z): 300 ipm (7,600 mm/min)
- Accuracy: 0.01 mm (0.0004") 203 mm (8") swing over bed
- Through the turret coolant system

Our best-selling machine for the industrial market.

- Stainless steel enclosure
- 220 VAC, 15 A
- Spindle LS-60, 3,500 rpm, 2 hp, air-cooled
- Max cutting diameter: 150 mm (6")
- Chuck holds material up to 80 mm (3.15") in diameter
- Chuck size: 100 mm (4")
- Pneumatic 5C collet available
- Dimensions: W 1.12 m (44"), D 0.76 m (30"), H 1.69 m (66.5")
- Weight: 650 lbs (300 kg)

## LMV-300

Vertical Mill

Read more ↓



- High precision servo motors
- Linear guideways on each axis
- Designed around a solid granite base
- Travel: X: 390 mm (15.3"), Y: 240 mm (9.4"), Z: 193 mm (7.5")
- Rapid feed: 15 m/min (600 ipm)
- Cutting feed: 6.5 m/min (240 ipm)
- Spindle speed: 100-14,000 rpm (up to 100 k optional)
- Power: 220 VAC, 20 A, 1 hp
- Tending robot available for 24/7 automated production

High speed machining

3 Different machines with the same look



Controls



Read more ↑

## LMT-300

5 Axis Mill-Turn

- High precision servo motor
- Travel: X: 390 mm (15.3"), Y: 170 mm (6.5"), Z: 240 mm (9.4")
- B: -20°/+110°, C: +360°/-360°
- Repeatability: 0.005 mm (.0002")
- Precision: 0.01 mm (0.0004")
- Power: 220 VAC, 20 A, 1 hp
- Tending robot available for 24/7 automated production
- 4-OD and 4-ID gang style turning tools and 27 milling tools

## LMH-300

Horizontal Milling



Read more ↑

- Travel: X: 390 mm (15.3"), Y: 170 mm (6.5") Z: 240 mm (9.4")
- Optional B: -95°/+110°, C: +360°/-360°
- Rugged construction, solid granite base design
- Standard 14,000 rpm spindle (upgradable to 20,000 rpm)
- Horizontal configuration for efficient chip ejection
- Power: 220 VAC, 30 A, 3 hp
- Tending robot available for 24/7 automated production
- 27 station tool carousel
- CS grade precision ground ballscrews

Up to 5 Axis simultaneous



Our machines are made in the USA from high-quality components.



# GET TO KNOW US!

Levil Technology, founded in 2000, designs and manufactures tabletop CNC machines for various industries. Our machines are renowned for their servo-controlled technology and for delivering exceptional precision and speed.

They perform functions such as machining, digitizing, measuring, tool changing, and more. With user-friendly software or industry-proven FANUC control, our machines are easy to operate and suitable for both CNC machining schools and industrial corporations.

We have introduced multiple systems over the years, starting with the LV-300 milling machine; and now offer a diverse range of tabletop CNC machines. While education remains our primary focus, we are expanding to meet the needs of manufacturing facilities with limited space.

**Our machines are versatile and can be used across a diverse range of industries:**



SCAN ME

**IF YOU ARE INVOLVED WITH AN  
EDUCATIONAL INSTITUTION,  
VISIT OUR SITE TO SEE THE  
EDUCATION DISTRIBUTOR MAP**