The Levil CNC certification turning cart enables students to gain exposure to turning practices, including on-machine programming, set up and operation. The small footprint with easy access allows portability, eliminating intimidation that much larger machines can impose on students when first entering CNC programs. The portable machine runs on a standard single phase 110vAC outlet and is capable of being moved from classroom to classroom through a standard doorway.
Features

- 0i-TF control
- 10” LCD
- 512 K
- (G54-G59)
- 8 Station Turret
- OD Tool Shank Size ¼” (12.7mm)
- ID Tool Shank Size ½” (19.05mm)
- 7” (177mm) X axis Travel
- 6.3” (160mm) Z axis Travel
- Resolution 0.00004” (0.001mm)
- Repeatability 0.0002” (0.005mm)
- Accuracy 0.0004” (0.01mm)
- Rapid Feed (X & Z) 190 ipm (5000 mm/min)
- Cutting Feed (X & Z) 118 ipm (3000 mm/min)
- Spindle Speed 3000 rpm
- Spindle Motor Power 2HP
- Chuck Size 4” (101.6mm)
- 475lbs Approximate weight without base
- Base weight approximately 100LB
- Optional automatic 5c collet chuck
- Air consumption 3 CFM (87L/Min)
- Air Pressure requirements 90psi
- Power 110 VAC, 15A
- Dimensions H66.5” x W33” x D30” (1689x838x762mm)

Optional tooling projects are available, designed to match the FANUC Certified CNC Concepts curriculum that includes tool holders, tooling and sample materials. Students can learn fundamentals of CNC turning on the compact footprint.

800-445-1088 | sales@tech-labs.com | tech-labs.com
Air consumption 3 CFM (87L/Min)

Air Pressure requirements 90psi (6.3 Bar)

Power 110 VAC, 15A

575lbs Approximate weight

Resolution 0.00004” (0.001mm)
Repeatability 0.0002” (0.005mm)
Accuracy 0.0004” (0.01mm)
Rapid Feed (X & Z) 190 ipm (5000 mm/min)
Cutting Feed (X & Z) 118 ipm (3000 mm/min)

800-445-1088 l sales@tech-labs.com l tech-labs.com
OD Tool Shank Size ¼” (12.7mm)
ID Tool Shank Size ½” (19.05mm)

8 Station Turret

Chuck Size 4” (101.6mm) with 3 claws

6.3” (160mm) Z axis Travel

7” (177mm) X axis Travel

Spindle Speed 3000 rpm
Spindle Motor Power 2HP

800-445-1088 | sales@tech-labs.com | tech-labs.com
Optional automatic 5c collet chuck/ bar puller system
FANUC 0i-TF Control

Soft keys and keyboard

10” LCD

Emergency Stop

Spindle feed and override

Axis selection & MPG

Operator Panel