



Levil Mill WL-F 400C

Specification manual



Levil Mill WL-F 400C

Affordable and portable solution on 'real' FANUC hardware

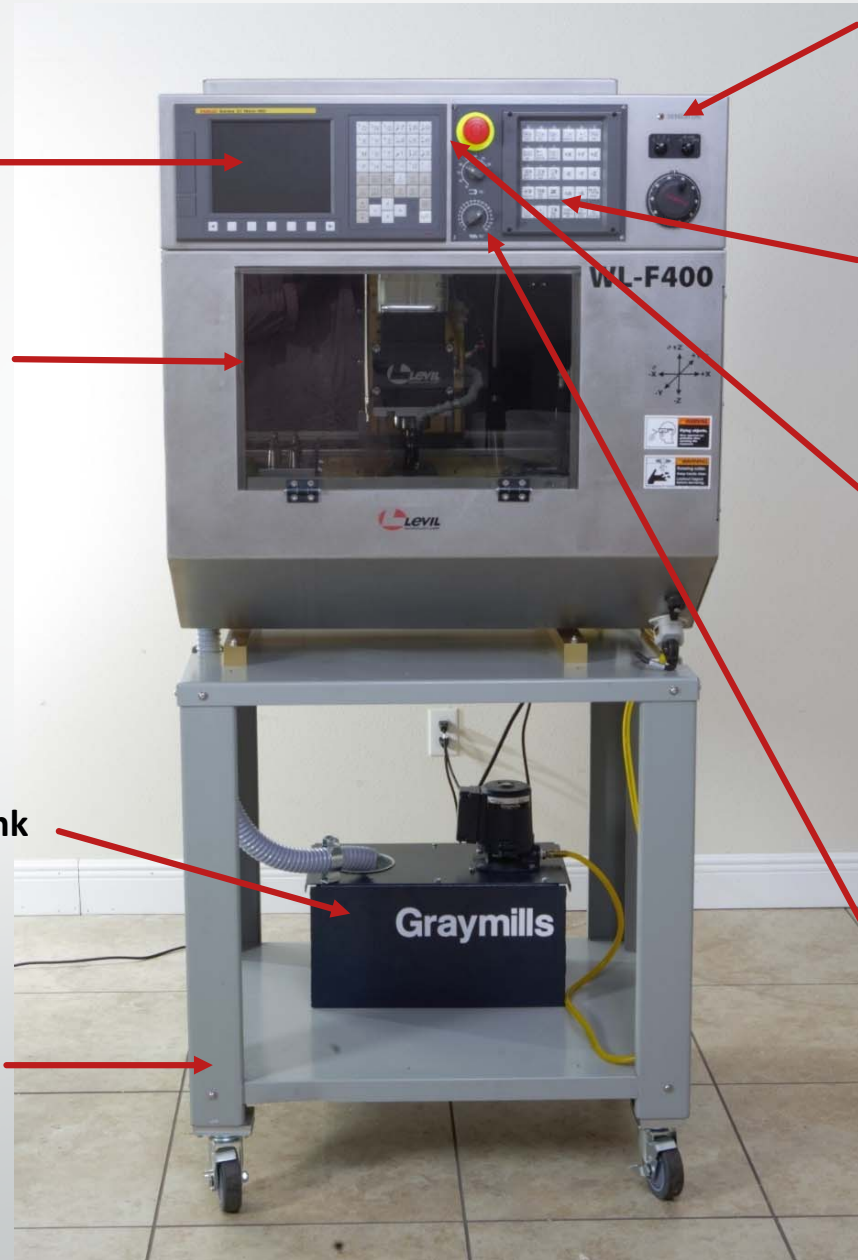
The Levil CNC WL-F400C milling cart enables students to gain exposure to milling practices, including on machine programming, and set up operation. The small footprint with easy access allow portability, eliminating the intimidation that much larger machines can impose on students when first entering 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.

- 8.4" screen, soft keys and keyboard

- Access Door

- Coolant Tank

- Base Stand



- Axis selection switch & MPG

- Operator Panel

- Emergency Stop

- Spindle and feed override

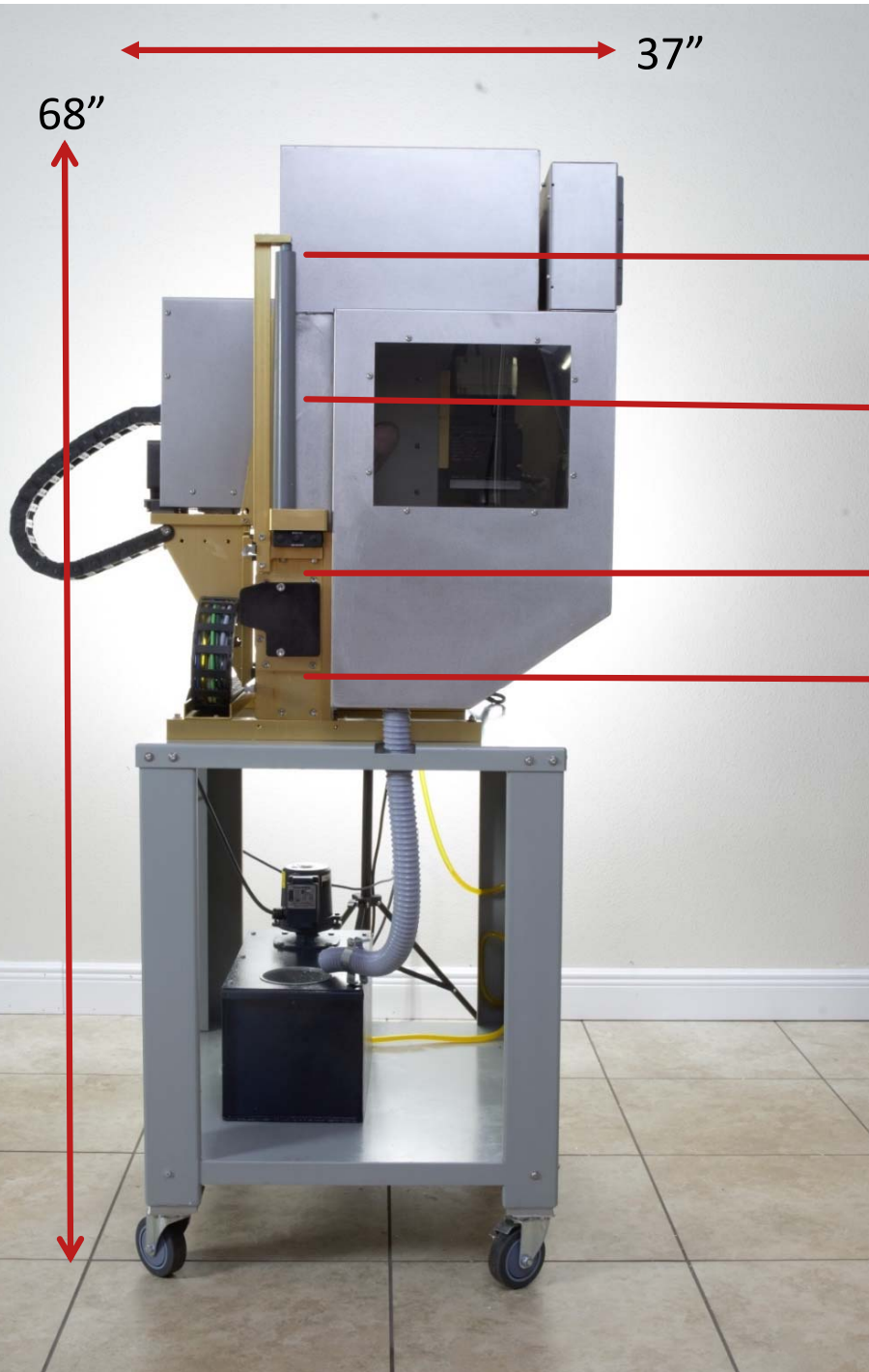
Features

- 0im-D Mate control
- 8.4" LCD
- (G54-G59) + 48 additional work offsets
- 427 x 250mm (16.8" x 9.8") Working table area
- 11 station, fixed pot tool changer
- Automatic tool length sensing (Optional)
- 3" Vice
- 16.5" (421mm) X axis Travel
- 8.5" (217mm) Y axis Travel
- 7.5" (190mm) z axis Travel
- 0.001 – 360 Degree 4th axis (Optional)
- Distance from table surface to spindle nose
- 2.75" -10.2" (70mm – 260mm)
- Resolution 0.00004" (0.001mm)
- Repeatability 0.0002" (0.005mm)
- Accuracy 0.0004" (0.01mm)
- Rapid Feed (X, Y & Z) 400 ipm (10,200 mm/min)
- Cutting Feed (X, Y & Z) 240 ipm (6,120 mm/min)
- Rapid Feed (4th Axis) 19 rpm (7,000 deg/min)
- Tool Holder S20T
- Spindle Speed 100 – 17,000 rpm
- Spindle Motor Power 2HP

- ER-16 Collet Size
- 450lbs approximate weight without base
- Base weight approximately 100lbs
- Air consumption 3 CFM (87L/Min)
- Air Pressure requirements 90psi
- Power 110 VAC, 15A
- Dimensions H68" x W33" x D37" (1727x838x939mm)



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 milling on the compact footprint



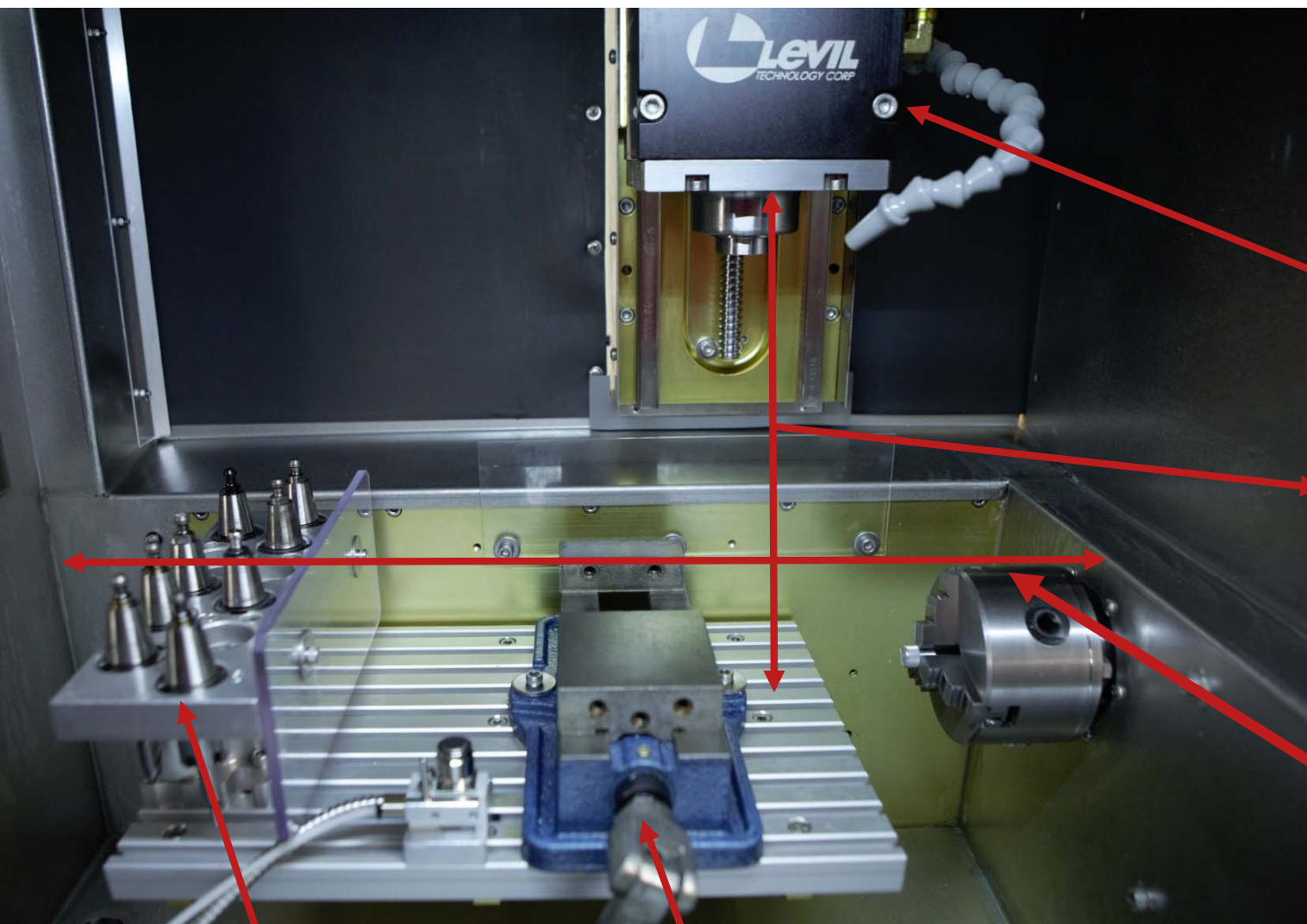
- Air consumption 3 CFM (87L/Min)
- Air Pressure requirements 90psi (6.3 Bar)
- Power 110 VAC, 15A
- Approximate weight 550 lbs



- Resolution 0.00004" (0.001mm)
- Repeatability 0.0002" (0.005mm)
- Accuracy 0.0004" (0.01mm)
- Rapid Feed (X, Y & Z) 400 ipm (10,200 mm/min)
- Cutting Feed (X, Y & Z) 240 ipm (6,120 mm/min)
- Rapid Feed (4th Axis) 19 rpm (7,000 deg/min)

CALL 1-800-445-1088

www.tech-labs.com



Spindle Speed 100 – 17,000 rpm
Spindle Motor Power 2HP

Distance from table surface to spindle nose
2.75" -10.2" (70mm – 260mm)

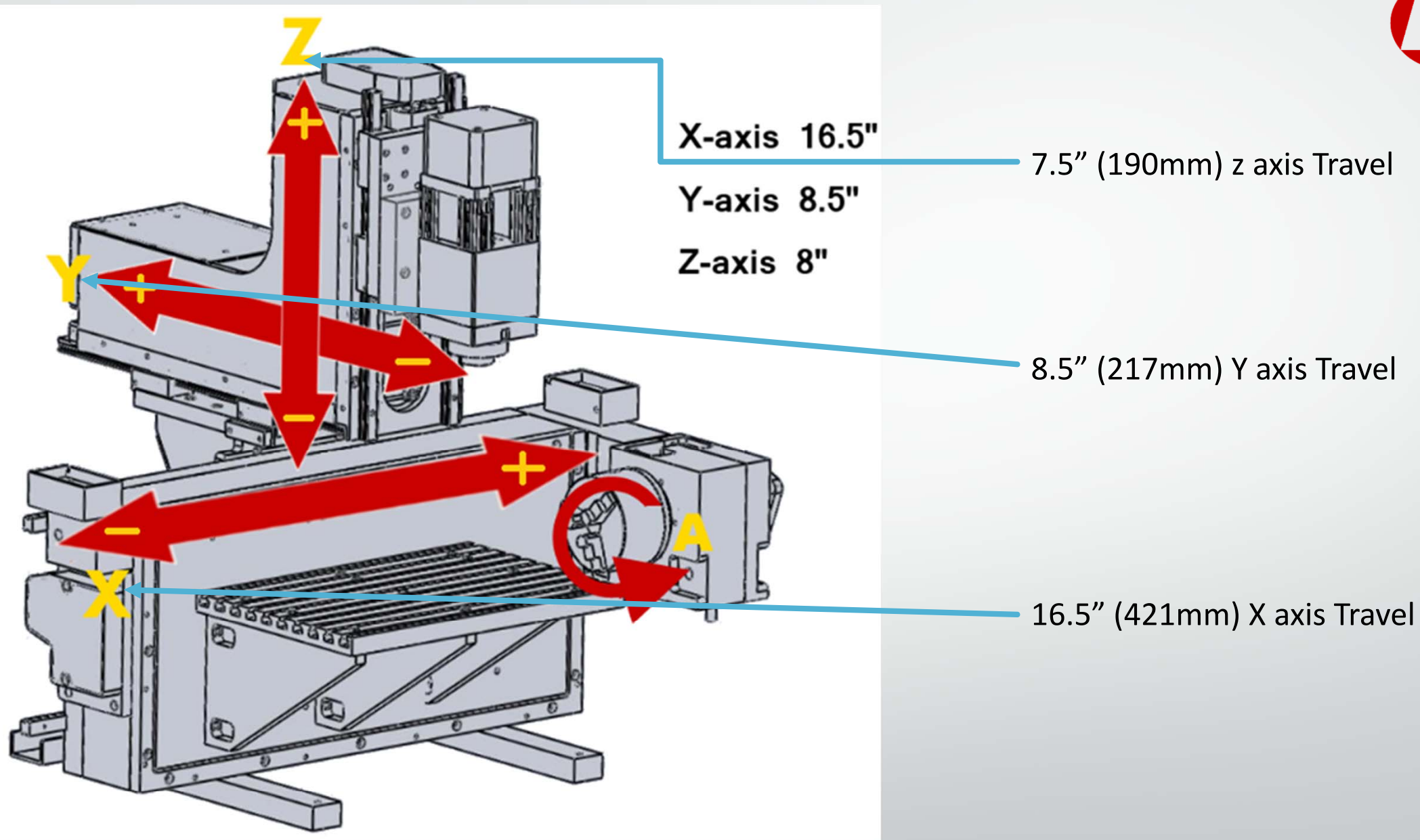
427 x 250mm (16.8" x 9.8") Working table area
11 station, fixed pot tool changer

Tool Holder S20T

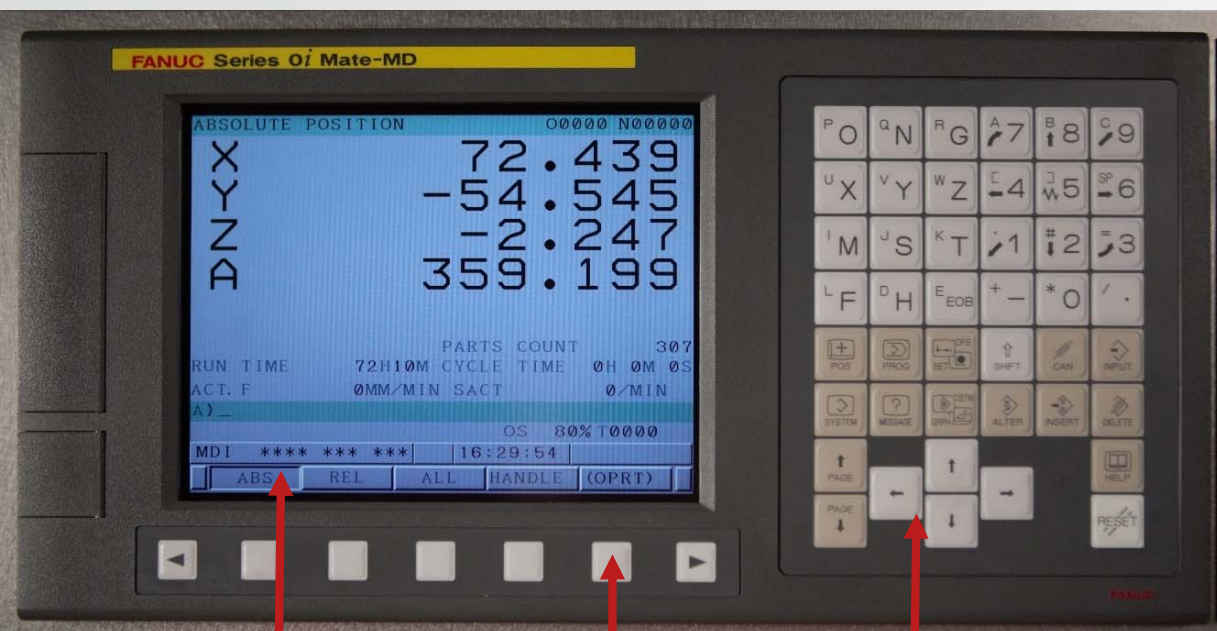
3" Vice (76mm)

ER-16 Collet Size





FANUC Oi Mate – MD Control

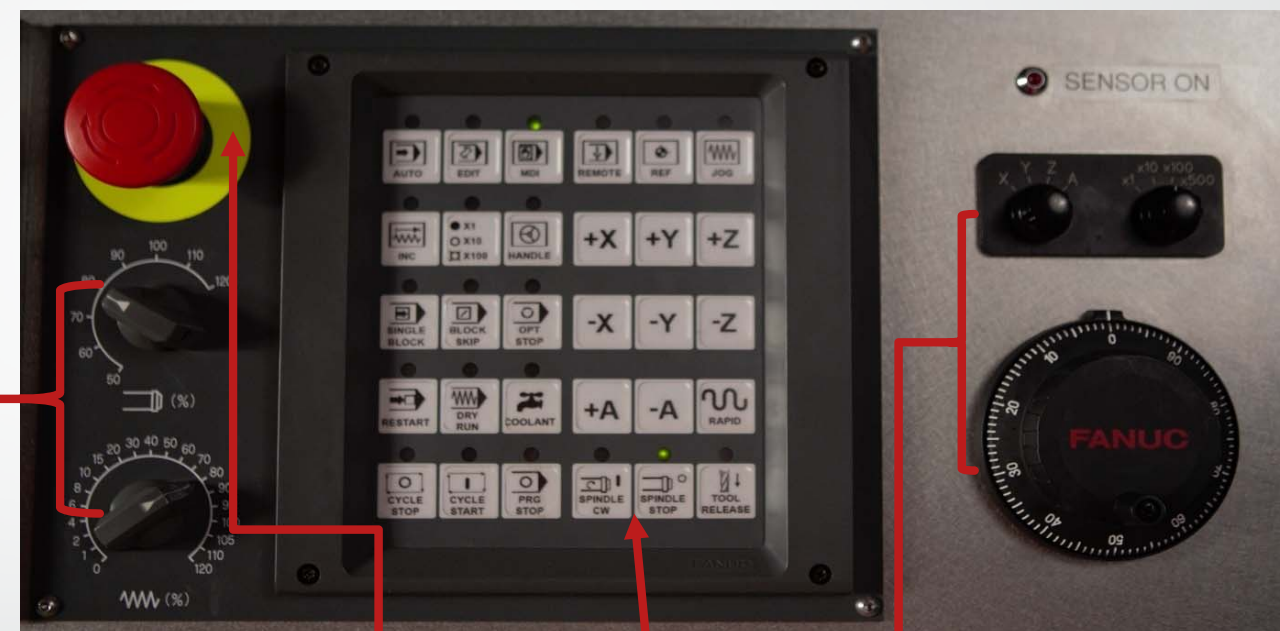


8.4" LCD

Soft keys and keyboard

(G54-G59) + 48 additional work offsets

CALL 1-800-445-1088



Spindle and feed override

Operator Panel

Emergency Stop

Axis selection switch & MPG

www.tech-labs.com