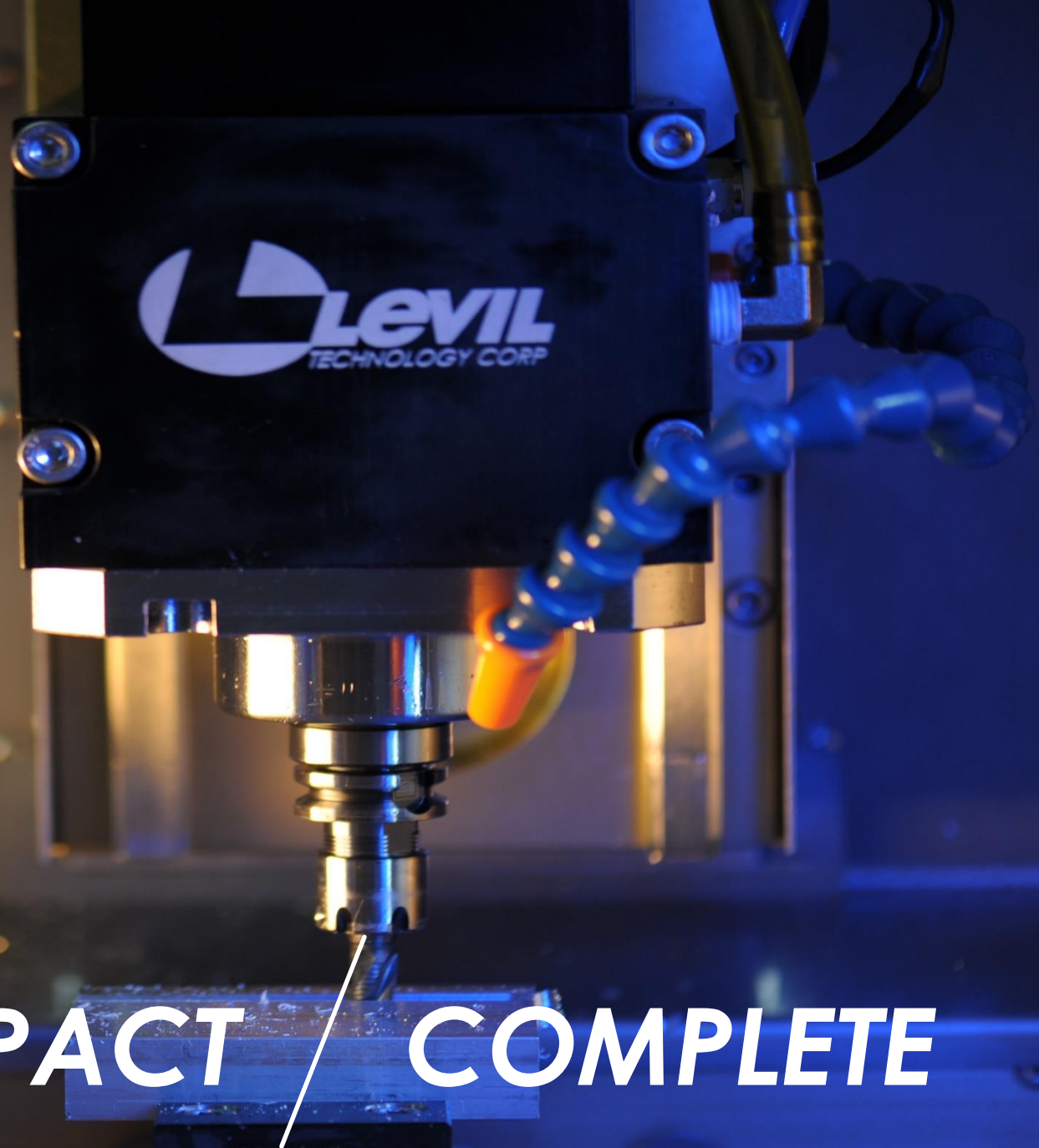




TABLETOP MACHINES
WITH INCREDIBLE ABILITIES



CAPABLE / COMPACT / COMPLETE

1704 Kennedy Point Suite 1124 Oviedo, FL 3276 www.levil.com



LMV-F400

Table top Milling Machine



LMV-F400

Table top CNC Milling Machine

An affordable and portable training solution on 'real' FANUC hardware

The Levil CNC certification milling cart enables students to gain exposure to milling 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.

10" LCD screen, soft keys and keyboard

Emergency Stop

Spindle and feed override

11 pot tool changer

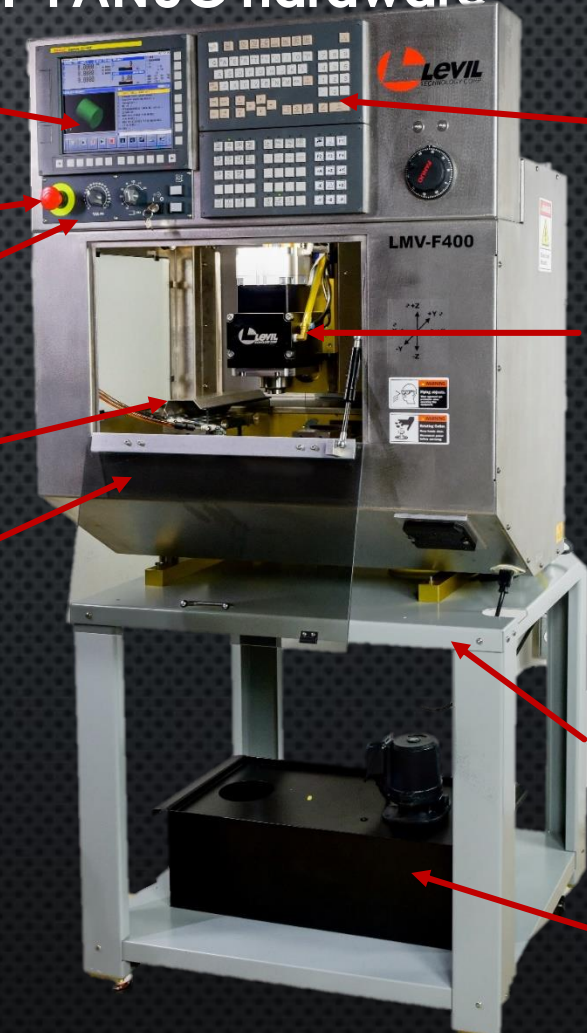
Access Door

Operator Panel

2HP Spindle

Base Stand

Coolant Tank

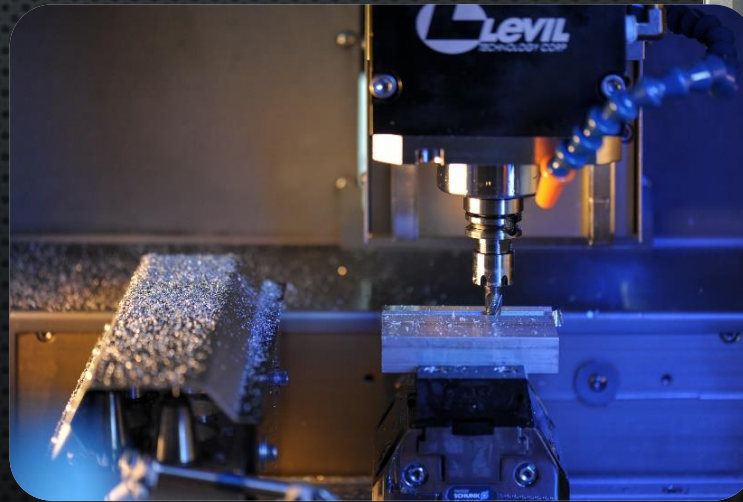




LMV-F400

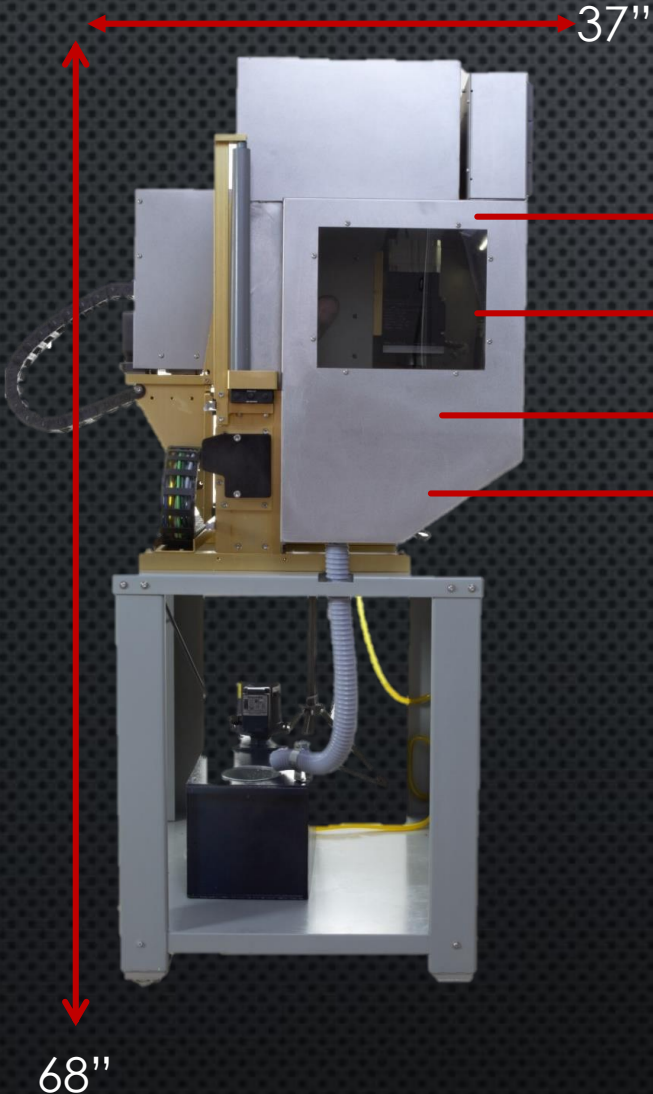
Features

- Control - FANUC 0i-MF
- 10" LCD
- Working table area - 16.8" x 9.8" (427 x 250mm)
- 11 station, fixed pot tool changer
- 16.5" (421mm) X axis Travel
- 8.5" (217mm) Y axis Travel
- 7.5" (190mm) Z axis Travel
- 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)
- Spindle Speed 100 - 12,000 Standard (up to 100,000 rpm optional)
- 450lbs approximate weight without base
- Air Pressure requirements 90psi
- Power 110 VAC, 15A
- Dimensions H68" x W33" x D37" (1727x838x939mm)





LMV-F400



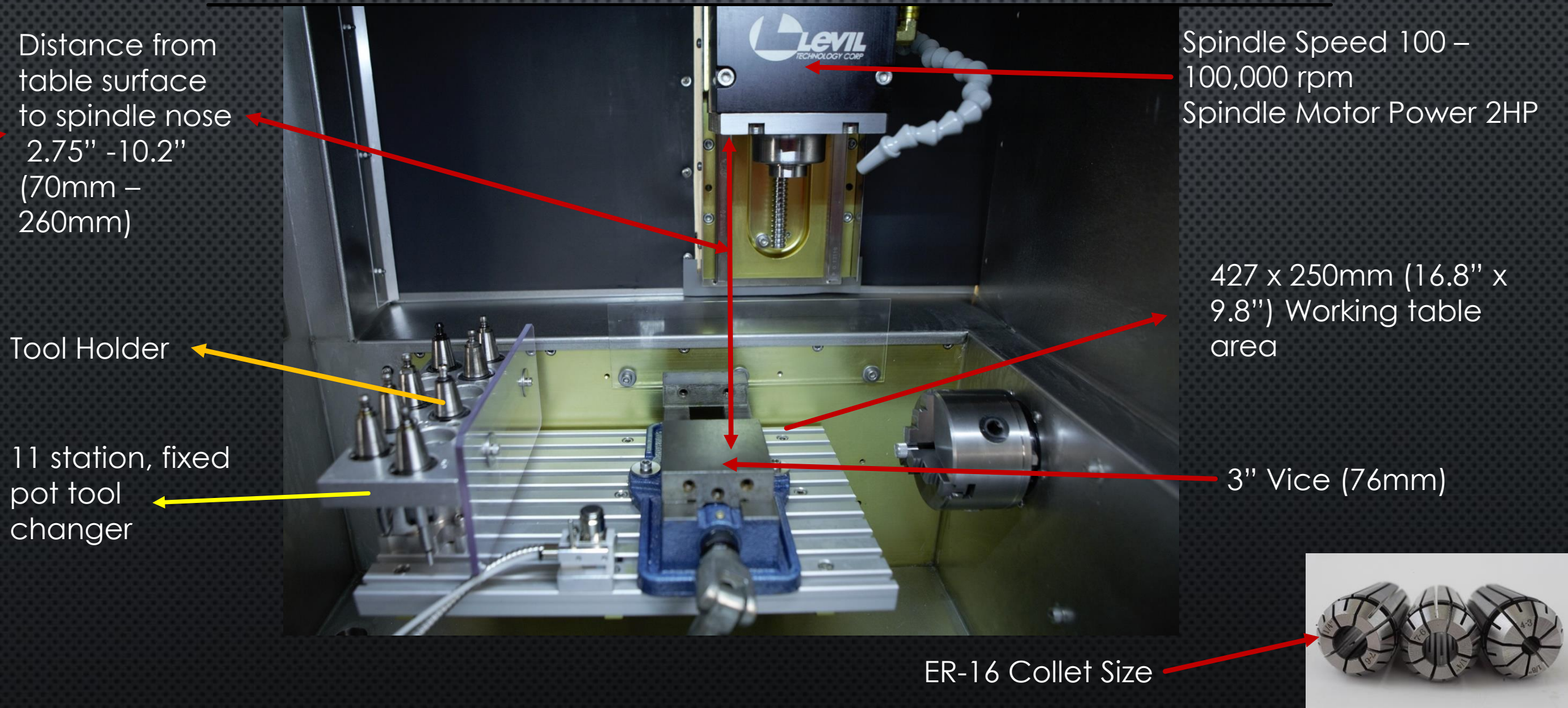
- Air consumption 3 CFM (87L/Min)
- Air Pressure requirements 90psi (6.3 Bar)
- Power 110 VAC, 15A
- Approximate weight 550 lbs



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)



LMV-F400



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

427 x 250mm (16.8" x
9.8") Working table
area

3" Vice (76mm)

ER-16 Collet Size



LMV-F400

7.5" (190mm) z axis Travel

8.5" (217mm) Y axis Travel

16.5" (421mm) X axis Travel

