



# LMV-F400

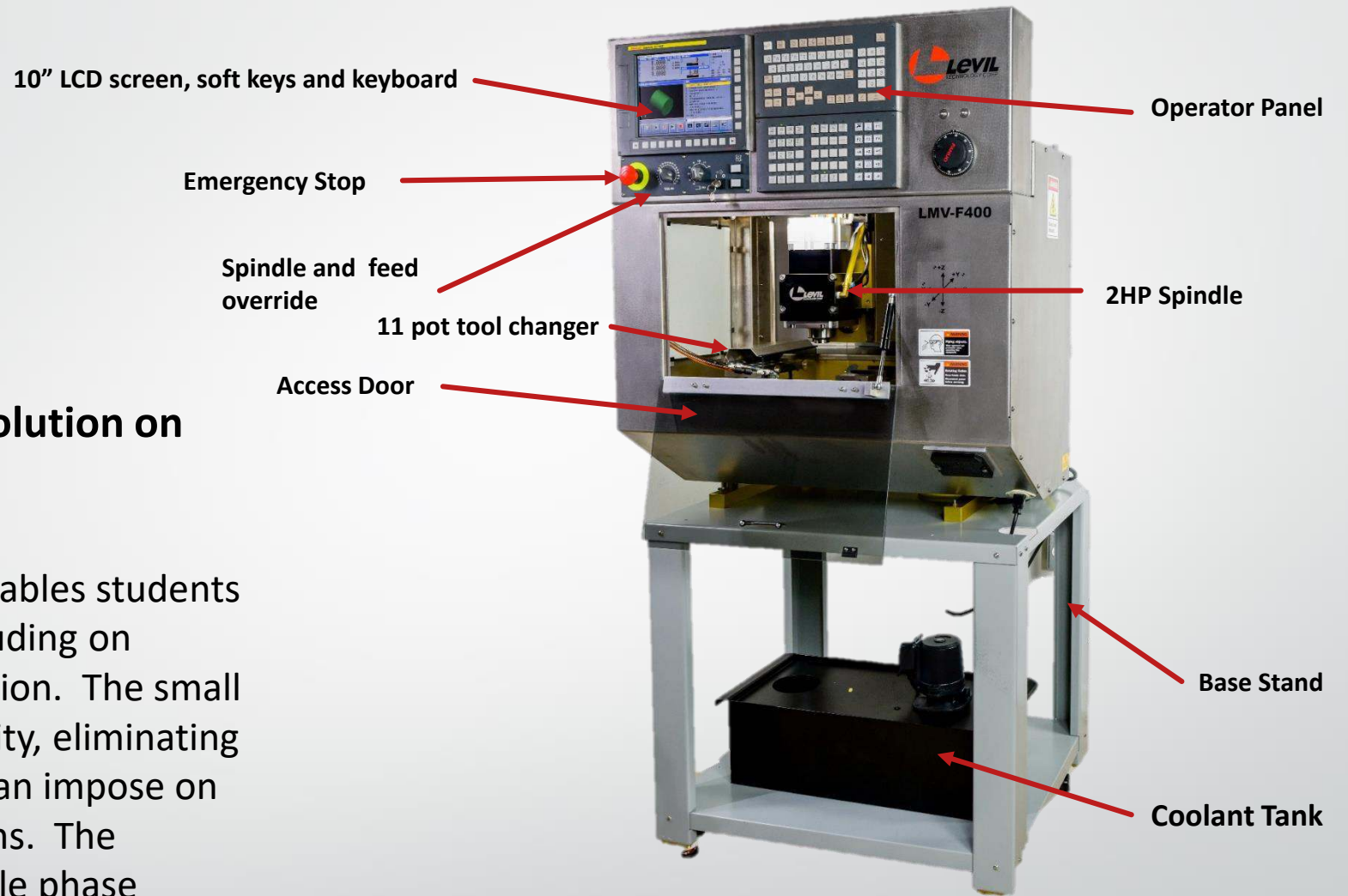
Specifications Manual



## LMV-F400

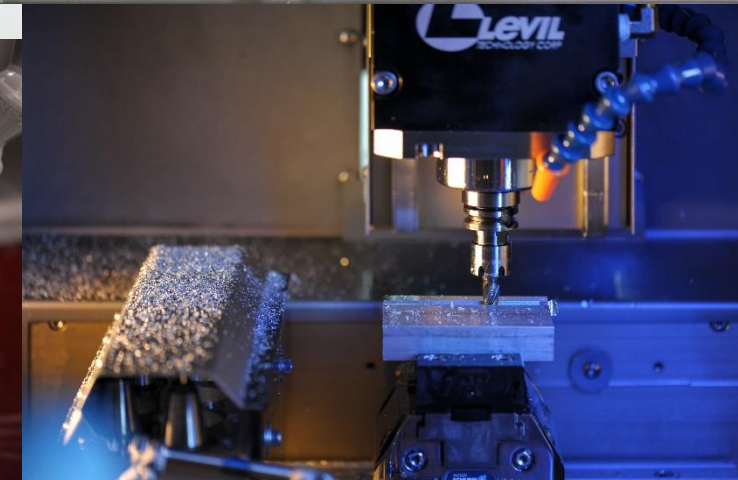
**Affordable and portable training solution on  
'real' FANUC hardware**

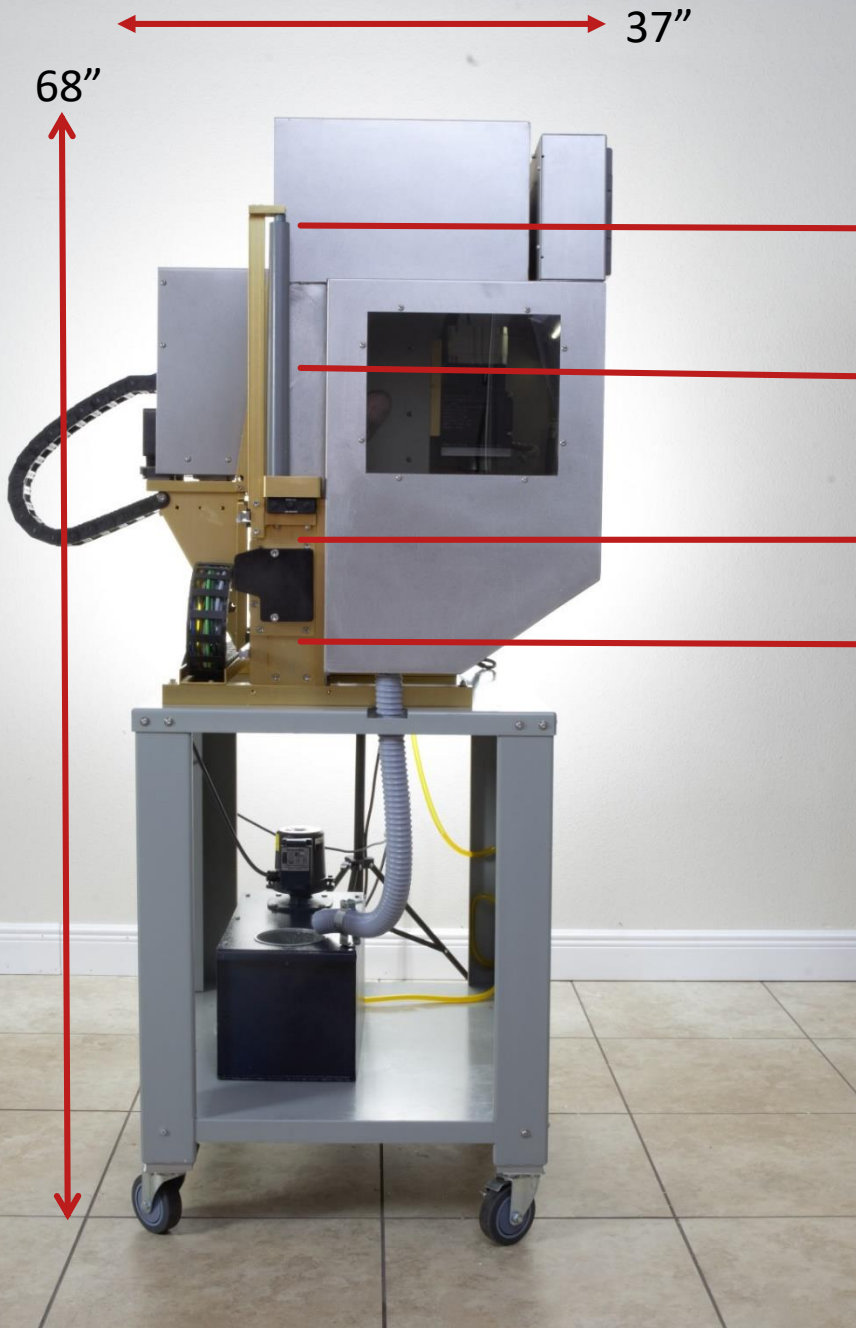
The Levil CNC certification milling cart enables students to gain exposure to milling practices, including on machine programming, set up and operation. The small footprint with easy access allows portability, eliminating intimidation that much larger machines can impose on students when first entering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



## Features

- Control - FANUC oi-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 (4<sup>th</sup> Axis) 19 rpm (7,000 deg/min)
- Tool Holder S20T
- Spindle Speed 100 – 100,000 rpm
- Spindle Motor Power 2HP
- 450lbs approximate weight without base
- Air Pressure requirements 90psi
- Power 110 VAC, 15A
- Dimensions H68" x W33" x D37" (1727x838x939mm)

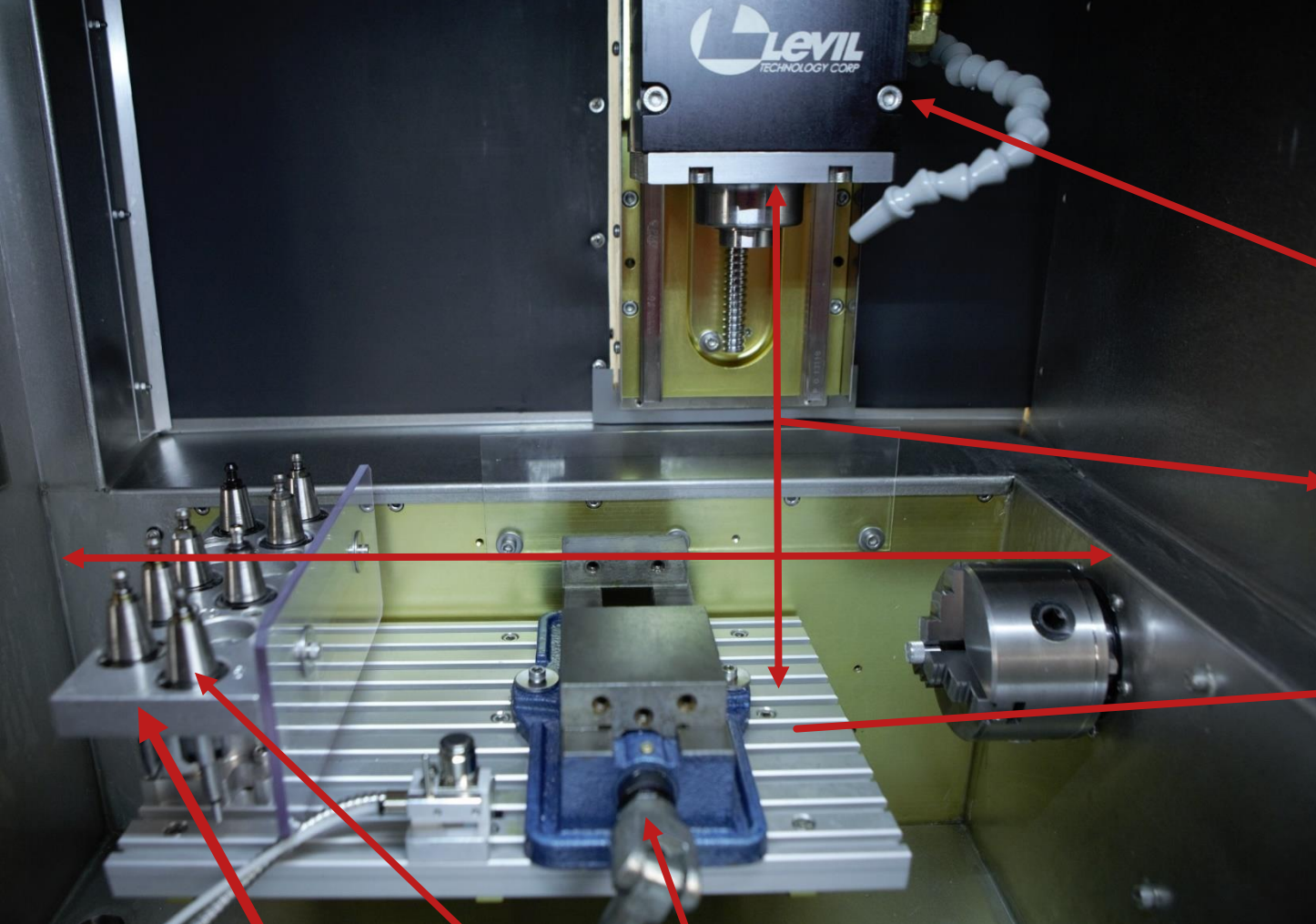




- Air consumption 3 CFM (87L/Min)
- Air Pressure requirements 90psi (6.3 Bar)
- Power 110 VAC, 15A
- Approximate weight 550 lbs



- 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)



Spindle Speed 100 – 100,000 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

Tool Holder S20T

3" Vice (76mm)

11 station, fixed pot tool changer

ER-16 Collet Size



