



LMV-F400RL

Table top Robot Loaded Milling Machine



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With the LVM-F400RL you will get out top of the line

LMV-F400 Milling Machine along with an attached FANUC LR Mate 200iD Robot arm. We have created an all in one production center. You will now have the ability to load a roller conveyor with parts that need to machined, from there, just let the robot feed the milling machine with part after par while the operator is free to work on other projects, only returning to reload the conveyor and unload finished parts. This machine is also a great teaching tool in that an instructor has everything they need to educate students on both Robot programming as well and CNC machining with one machine.

FANUC LR Mate 200iD Robot arm

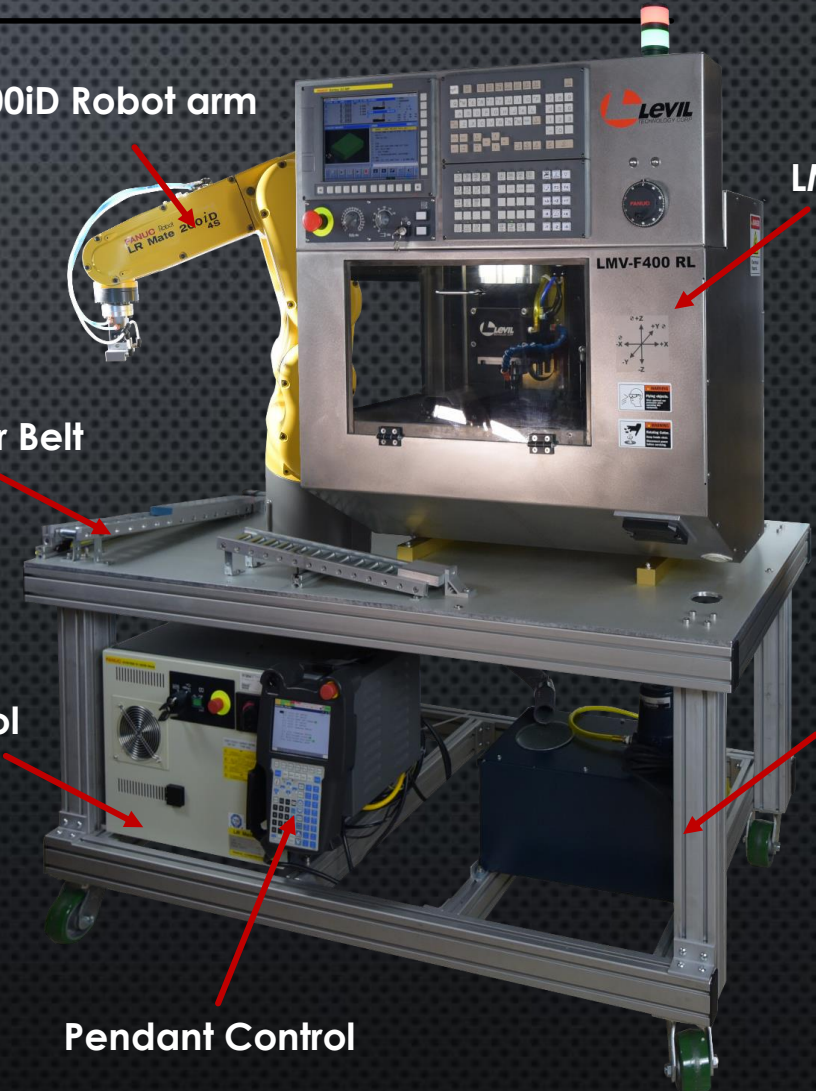
LMV-F400

Loading
Conveyor Belt

Robot Control
Drive

Pendant Control

Coolant
Tank





LMV-F400RL

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)
- 1000lbs approximate weight without base
- Air Pressure requirements 90psi
- Spindle Speed 100 – 12,000 Standard (up to 100,000 rpm optional)
- Power 110 VAC, 15A
- Dimensions H68" x W61" x D37" (1727x838x939mm)
- Fanuc Robotic arm LR Mate 200iD 4s
- 6 controlled axes
- 8.8lbs (4kg) max load capacity at wrist
- Repeatability 0.0008"
- Reach 22"



