

LMA550



Equipped with JD50 control system, mainly used in small hardware machining of consumable electronic products.

- + JD50 is a high speed and high precision control system with deeply opened NC engineering management ability.
- + Adopt chain type tool magazine of 36 positions, and changing time of tool-to-tool is 1.2 seconds.
- + Adopt Jingdiao $\phi 130\text{mm}$ (in:66.5) high speed synchronized spindle, high speed rigid tapping process is available.

LMA550

Technical Specification

Items		Standard Value
Position Accuracy (X/Y/Z)	mm/(in)	0.006/0.006/0.006(0.000236"/0.000236"/0.000236")
Repeatability (X/Y/Z)	mm/(in)	0.0045/0.0045/0.0045(0.000177"/0.000177"/0.000177")
Machining area of X/Y/Z	mm/(in)	550/400/350(21.7"/15.7"/13.8")
Worktable Size	mm/(in)	590×440(23.2"/17.3")
Load (max.)	Kg/(lb)	150(330.8)
Max. Spindle Speed	r/min	24,000
Spring Collet		BT30
Tool Magazine		36
X/Y/Z Rapid Traverse Rate	m/min (in/min)	15(590.6)
Feed Rate(max.)	m/min (in/min)	12(472.4)
Drive System		AC Servo Drives
Voltage		380V/50Hz (3-Phase)
Air Required	MPa (psi)	≥ 0.52 (75.4)
Weight	Kg (lb)	3200(7056)

+ Above parameters have been calibrated With reference to International standard ISO230-2.

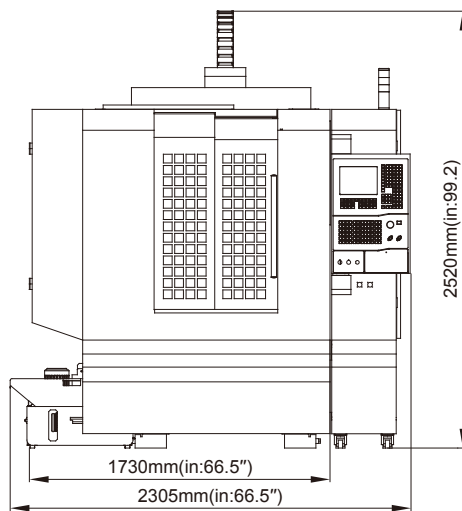
Standard

- + JD50 control system
- + JD CAD/CAM software SurfMill8.0
- + Spindle chiller
- + Chained type tool magazine
- + Tool-length calibrator
- + Side drainage coolant tank
- + Handwheel

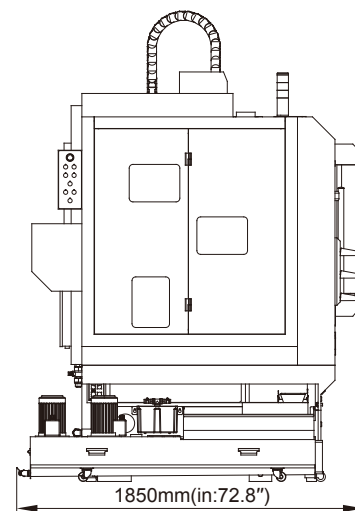
Optional Accessories

- + Jingdiao on-machine measurement system
- + Jingdiao NC rotary table
- + Oil mist separator
- + Oil-water separation system
- + Coolant chiller
- + Bag type filtration system
- + Vacuum filtration system

Machine Dimension



Front View



Left View