

# LMA800



Suitable for the processing of hardware for consumer electronics.

- + Adopt chain type tool magazine of 32 positions, and changing time of tool-to-tool is 1.2 seconds.
- + Adopt Jingdiao  $\phi 130$  high speed synchronized spindle, high-speed rigid tapping process is available. The usable maximum tool diameter is 160mm.
- + The total-closed shield is equipped with dual inside-swing folding doors, which can be controlled by program.
- + The rear of the electric control cabinet makes the whole structure compact and saves space.
- + Because of large x-axis travel, it can be used for multi-station machining independently. With multi-station rotary table, multi-process combined processing can be realized with high processing efficiency and low processing cost.

# LMA800

## 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)	800/400/350(31.5"/15.7"/13.8")
Worktable Size	mm/(in)	840×440(33.1"/17.3")
Load (max.)	Kg/(lb)	150(330.8)
Max. Spindle Speed	r/min	24,000
Spring Collet		BT30
Tool Magazine		32
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)	4800(10584)

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

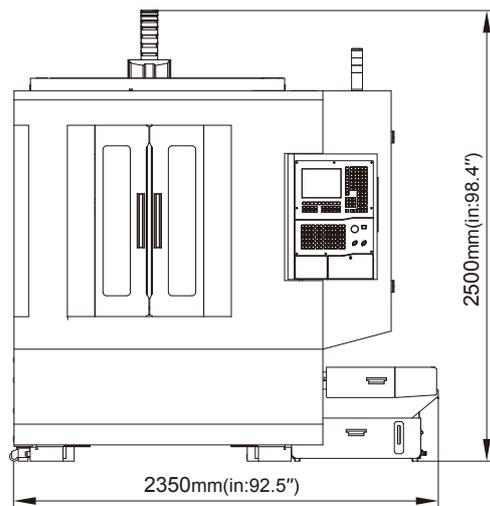
## Standard

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

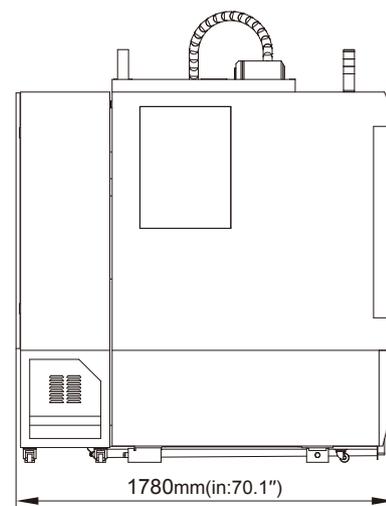
## Optional Accessories

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

## Machine Dimension



Front View



Left View