

# CTA800



Suitable for hard-to-cut material machining such as quenching material mold and stainless steel.

- + Choose Jingdiao own-developed “On-machine Measurement and Intelligent Modification Technology” to achieve micro-milling, high gloss mirror milling, precision milling, grinding, polishing, drilling, boring and tapping, etc.
- + Adopt multi-function vibration suppression technology to improve surface quality and reduce tool wear.
- + Side operate the machine, leaves lifting space at front gate for easy loading/unloading.
- + Equipped coolant tank with in-machine spiral chip conveyer makes it easy to clean chips inside in time.

# CTA800

## Technical Specification

Items		Standard Value
Position Accuracy (X/Y/Z)	mm/(in)	0.008/0.008/0.008 (0.000315"/ 0.000315"/ 0.000315")
Repeatability (X/Y/Z)	mm/(in)	0.005/0.005/0.005 (0.000197"/ 0.000197"/ 0.000197")
Travel (X/Y/Z)	mm/(in)	800/800/350 (31.5"/ 31.5"/ 13.8")
Worktable Size	mm/(in)	850×850 (33.5"×33.5")
Max. Load	Kg/(lb)	1000 (2205)
Max. Spindle Speed	r/min	20,000
Tool Holder Type		HSK-A50
Tool Magazine		Servo tool magazine
Tool Magazine Capacity		18
Max. Rapid Rate (X/Y/Z)	m/min (in/min)	18 (708.7)
Max. Feed Rate (X/Y/Z)	m/min (in/min)	10 (393.7)
Drive System		AC servo
Voltage		3-Phase, 380V/50Hz, or Customized
Air Pressure	MPa (psi)	≥ 0.52 (75.4)
Machine Weight	Kg (lb)	9000 (19,845)

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

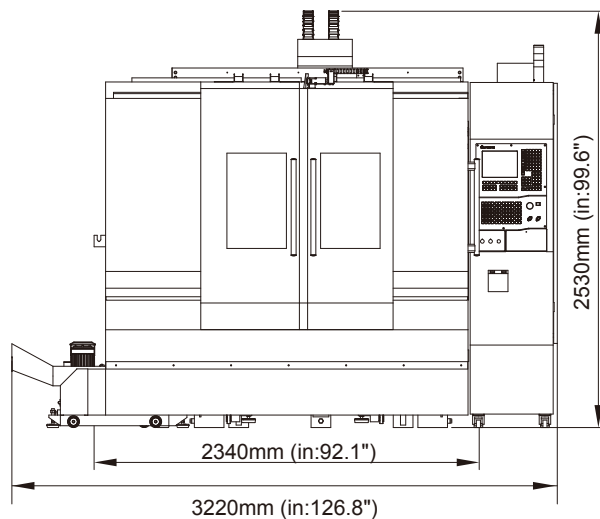
## Standard

- + Beijing Jingdiao JD50 CNC system
- + Spindle chiller
- + Servo tool magazine
- + Spiral chip conveyed coolant tank
- + Hand wheel
- + Tool calibrator

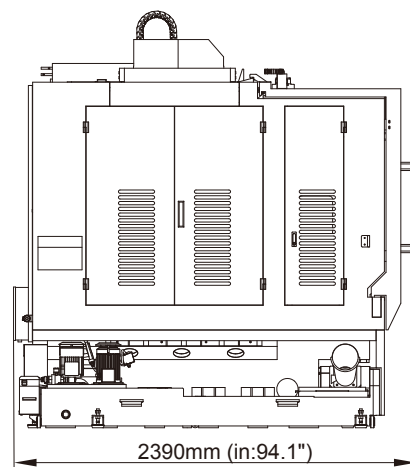
## Optional

- + Chain type tool magazine
- + Oil mist separator
- + Coolant chilling system
- + Bag type filtration system
- + Scraper type chip conveyor
- + Jingdiao on machine measurement system

## Machine Dimension



Front View



Left View