

CTA600



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.
- + The crossbeam adopts three guides supporting structure that improves machine rigidity and motion smoothness.

CTA600

Technical Specification

Items		Standard Value
Position Accuracy (X/Y/Z)	mm/(in)	0.008/0.008/0.006 (0.000315"/ 0.000315"/ 0.000236")
Repeatability (X/Y/Z)	mm/(in)	0.005/0.005/0.005 (0.000197"/ 0.000197"/ 0.000197")
Travel (X/Y/Z)	mm/(in)	600/500/300 (23.6"/ 19.7"/ 11.8")
Worktable Size	mm/(in)	650×650 (25.6"× 25.6")
Max. Load	Kg/(lb)	300 (661.5)
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)	5800 (12,789)

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

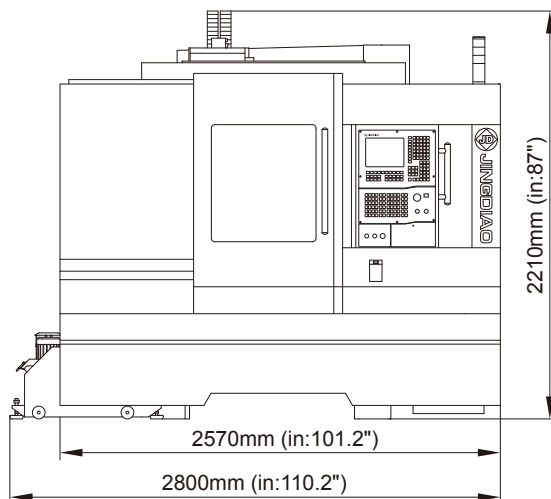
Standard

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

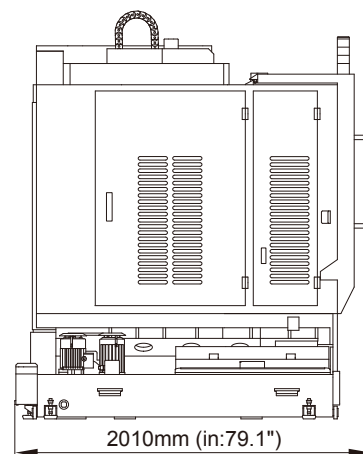
Optional

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

Machine Dimension



Front View



Left View