

HGA600



Full closed-loop control technology, suitable for precision molds & die and precision parts machining.

- + The ability of “0.1 μ Feeding and 1 μ Cutting”, strong anti-vibration performance and less tool wear.
- + Real-time on-machine measurement evaluation and real-time intelligent modification of intermediate machining process.
- + Optionally equipped with laser tool-length calibrator to effectively monitor tool profile, tool wear and spindle thermal elongation.
- + Optionally equipped with Φ 150 high-speed synchronous spindle, cutting ability and machining efficiency are significantly improved, and the composite machining capabilities of milling, grinding, drilling, boring and tapping are strengthened.

HGA600

Technical Specification

Items		Standard Value
Position Accuracy (X/Y/Z)	mm/(in)	0.002/0.002/0.002(0.00008"/ 0.00008"/ 0.00008")
Repeatability (X/Y/Z)	mm/(in)	0.0018/ 0.0018/ 0.0018 (0.00007"/ 0.00007"/ 0.00007")
Travel (X/Y/Z)	mm/(in)	600/500/300(15.7"/ 15.7"/ 7.9")
Worktable Size	mm/(in)	650 × 650 (25.6" × 25.6")
Max. Load	kg/(lb)	300 (661.5)
Max. Spindle Speed	r/min	24,000
Tool Holder Type		HSK-A50
Tool Magazine Capacity		20
Max. Rapid Rate (X/Y/Z)	m/min (in/min)	18(708)
Max. Feed Rate (X/Y/Z)	m/min (in/min)	10(393)
Drive System		AC servo
Voltage		3-Phase, 380V/50Hz, or Customized
Air Pressure	MPa (psi)	≥ 0.52 (75.4)
Machine Weight	kg (lb)	6,000 (13,228)

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

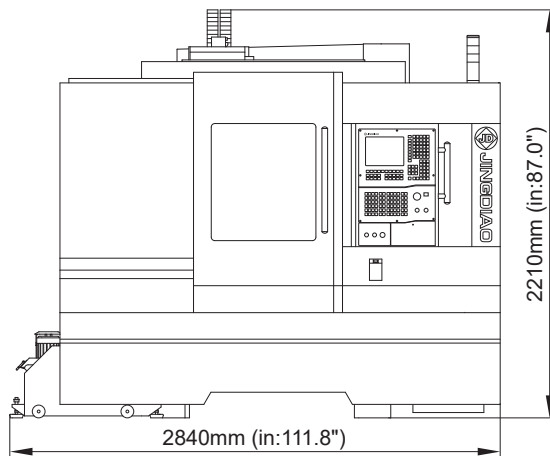
Standard

- + JD50 Control System
- + Full Closed-loop Control With Grating Scale
- + Spindle & Ballscrew Chiller
- + Chain-type Tool Magazine
- + Coolant Tank
- + Contact Tool Calibrator
- + Handwheel
- + Jingdiao On-machine Measurement System

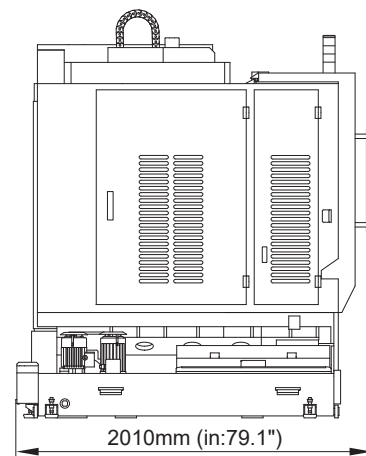
Optional

- + Coolant Chiller
- + Bag Type Filtration System
- + Probe
- + Spiral Chip Conveyed Coolant Tank
- + Laser Tool Calibrator
- + Oil Mist Separator

Machine Dimension



Front View



Left View