

HGU800



Full closed-loop control technology, suitable for the machining of precision mold & 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 $\Phi 150$ 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.

HGU800

Technical Specification

Items		Standard Value
Position Accuracy (X/Y/Z)	mm	0.002/0.003/0.002
Repeatability (X/Y/Z)	mm	0.0018/0.0025/0.0018
Travel (X/Y/Z)	mm	800/800/350
Worktable Size	mm	850×850
Max. Load	Kg	1000
Spindle Type		JD150S-20-HA50
Max. Spindle Speed	rpm	20000
Tool Holder Type		HSK-A50
Tool Magazine		Chain Type Tool Magazine with Manipulator
Tool Magazine Capacity		32
Max. Rapid Rate (X/Y/Z)	m/min	15
Max. Feed Rate (X/Y/Z)	m/min	10
Drive System		AC servo
Voltage		3-Phase, 380V/50Hz, or Customized
Air Pressure	MPa	≥ 0.52
Machine Weight	Kg	9000

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

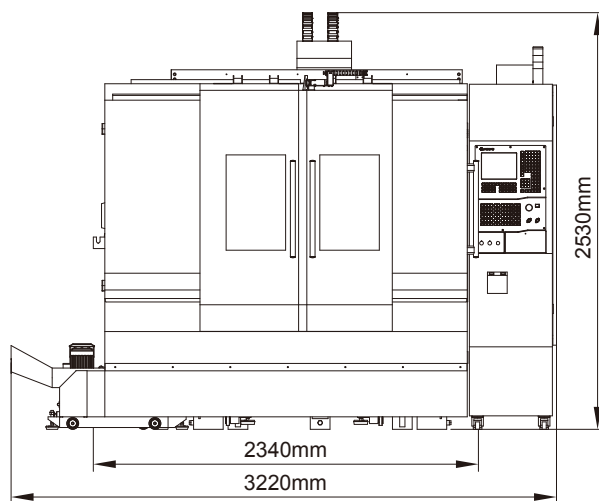
Standard

- + JD50 Control System
- + Jingdiao CAM Software SurfMill8.0
- + Spindle & Ball Screw Refrigerator
- + Manual Pulse Generator(MPG)
- + Contact Tool Calibrator
- + Chain type Tool Magazine with Manipulator
- + Coolant Tank
- + Laser Tool Calibrator

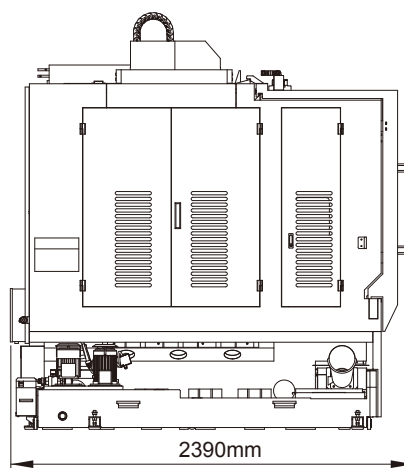
Optional

- + Jingdiao On-machine Measurement System
- + Oil Mist Separation Device
- + Cutting Fluid Cooling System
- + Filtration System
- + Scraper Type Chip Conveyor

Machine Dimension



Front View



Left View