

# JDHGT800



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

- + The ability of “0.1 $\mu$  Feeding and 1 $\mu$  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.

# JDHGT800

## 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.

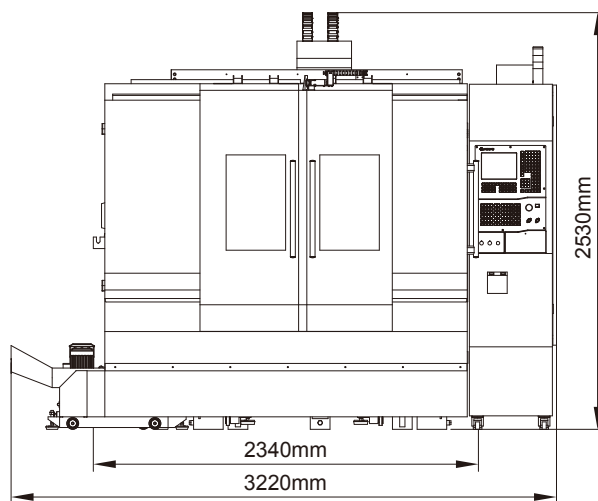
## Standard

- + 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

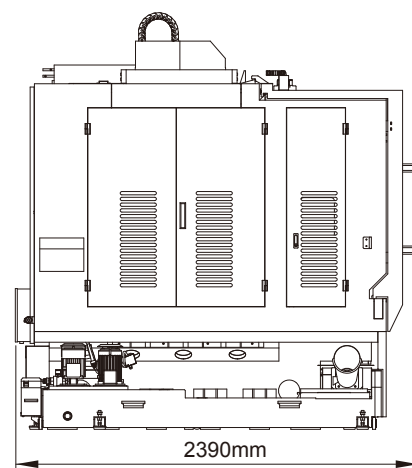
## Optional

- + 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