

# HGU600T



Full closed-loop control technology, suitable for precision molds & 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.

# HGU600T

## Technical Specification

Items		Standard Value
Position Accuracy (X/Y/Z)	mm	0.002/0.002/0.002
Repeatability (X/Y/Z)	mm	0.0018/0.0018/0.0018
Travel (X/Y/Z)	mm	600/500/300
Worktable Size	mm	650 × 650
Max. Load	kg	300
Spindle Type		JD150S-20-HA50
Max. Spindle Speed	rpm	20000
Tool Holder Type		HSK-A50
Tool Magazine		Servo Tool Magazine
Tool Magazine Capacity		18
Max. Rapid Rate (X/Y/Z)	m/min	18
Max. Feed Rate (X/Y/Z)	m/min	15
Drive System		AC Servo
Voltage		3-Phase, 380V/50Hz, or Customized
Air Pressure	MPa	≥ 0.52
Machine Weight	kg	6000

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

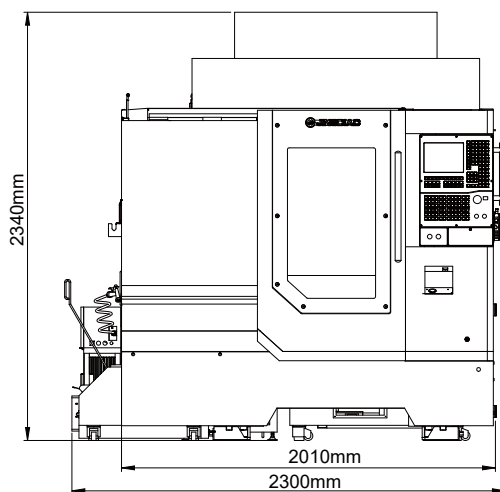
## Standard

- + JD50 Control System
- + Full Closed-loop Control With Grating Scale
- + Spindle & Ball Screw Refrigerator
- + Chain Type Tool Magazine with Manipulator
- + Coolant Tank
- + Contact Tool Calibrator
- + Manual Pulse Generator(MPG)
- + Jingdiao On-machine Measurement System

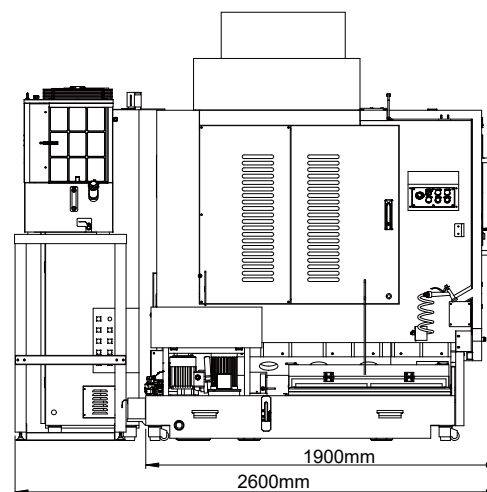
## Optional

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

## Machine Dimension



Front View



Left View