

HGU400T



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.
- + Jingdiao high-speed and high-precision spindle.

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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	400/400/200		
Worktable Size	mm	530×430		
Max. Load	Kg	300		
Spindle Type		JD105-36-ISO20	JD130-32-HE32/A9	JD105S-28-HE32
Max. Spindle Speed	rpm	36000	32000	28000
Tool Holder Type		ISO20	HSK-E32	HSK-E32
Tool Magazine		Servo Tool Magazine (Chain Type Tool Magazine with Manipulator)		
Tool Magazine Capacity		20 (37)		24 (37)
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	5100		

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

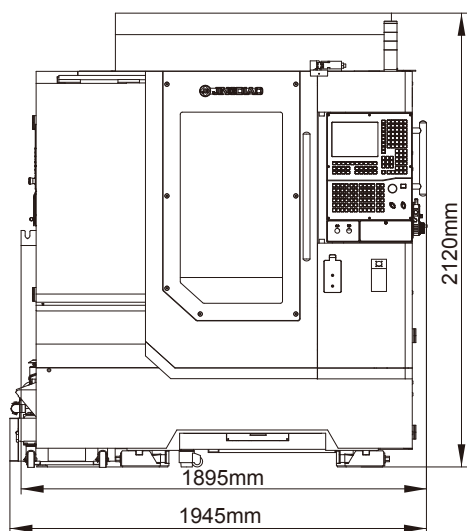
Standard

- + JD50 Control System
- + Full Closed-loop Control With Grating Scale
- + Spindle & Ball Screw Refrigerator
- + In-machine Chip Conveyor
- + Servo Tool Magazine
- + Coolant Tank
- + Contact Tool Cailbrator
- + Manual Pulse Generator(MPG)
- + Jingdiao On-machine Measurement System

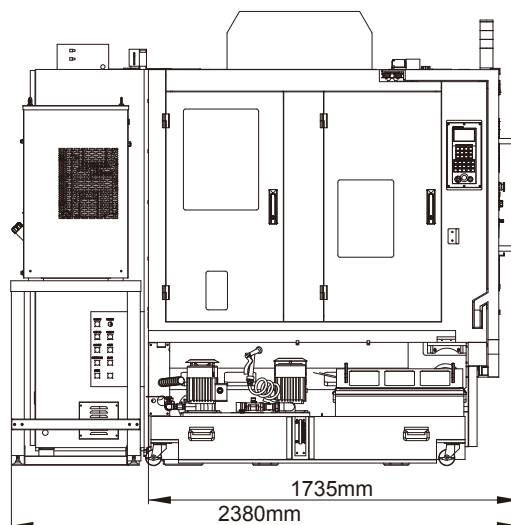
Optional

- + Umbrella-type Tool Magazine With 16 Positions (Manipulator Type)
- + Coolant Chilling System
- + Bag Type Filtration System
- + Probe
- + Oil Mist Separation Device
- + Laser Tool Cailbrator

Machine Dimension



Front View



Left View