

JDVT600T_A13S



Suitable for hardware machining, especially those 3C products requiring high gloss appearance.

- + Very comprehensive CNC tool machine, capable of full set of machining including drilling, tapping, grinding, polishing, high gloss milling, etc.
- + Main structure of the machine tool is a single column with a cross sliding table. The column adopts the patented "inverted L" structure of Beijing Jingdiao, which has strong cutting vibration resistance ability.
- + Adopt Jingdiao $\Phi 130$ (5.12") high speed synchronized spindle which supports high speed rigid tapping.
- + Equipped with 24 pcs disc-type tool magazine, Change tool with manipulator, tool-to-tool changing time is 1.2s.
- + $10^\circ - 0.2\text{mm}(0.0079")$ cone cutter to D20mm insert cutter can be used for milling and D100mm high gloss disc cutter with single cutting edge is used for drilling and cutting.

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Technical Specification

Items		Standard Value
Position Accuracy (X/Y/Z)	mm	0.005/0.005/0.005mm
Repeatability (X/Y/Z)	mm	0.0045/0.0045/0.0045mm
Travel (X/Y/Z)	mm	600/400/340
Worktable Size	mm	730×400
Max. Load	Kg	300
Spindle Type		JD130S-24-BT30
Max. Spindle Speed	r/min	24000(Φ130)
Tool Holder Type		BT30
Tool Magazine		Disc Type Tool Magazine with Manipulator
Tool Magazine Capacity		24
Max. Rapid Rate (X/Y/Z)	m/min	15
Max. Feed Rate (X/Y/Z)	m/min	15
Drive System		AC servo
Voltage		380V / 50Hz (3-Phase)
Air Pressure	MPa	≥ 0.52
Machine Weight	Kg	4500

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

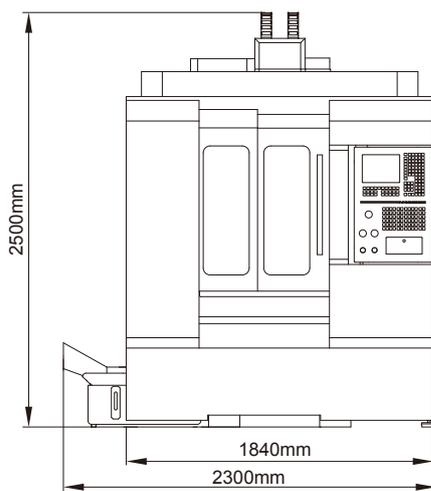
Standard

- + JD50 Control System
- + Jingdiao CAM Software SurfMill 8.0
- + Coolant Tank
- + Spindle & Ball Screw Refrigerator
- + Disc Type Tool Magazine with Manipulator
- + Manual Pulse Generator(MPG)
- + Contact Tool Calibrator

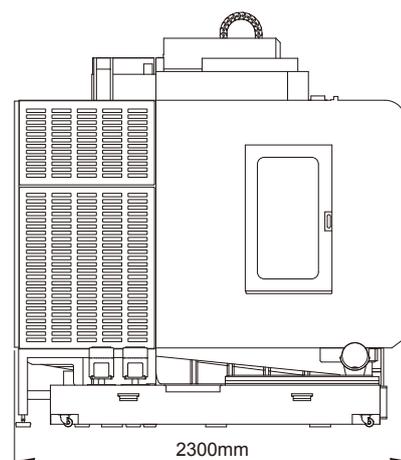
Optional

- + Jingdiao On-machine Measurement System
- + Oil Mist Separation Device
- + Jingdiao NC Rotary Table
- + Bag Type Filtration System

Machine Dimension



Front View



Left View