VTE600T

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 Φ130 （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 °- 0.2mm(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.

VTE600T

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

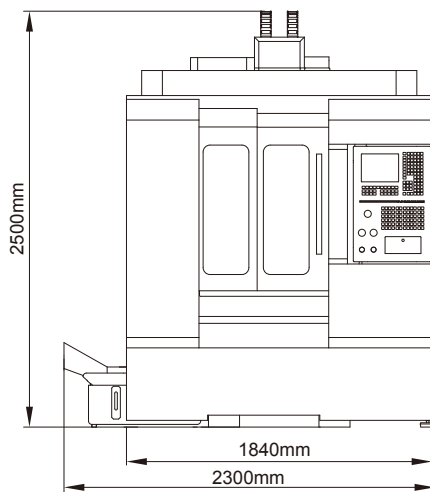+ Above parameters have been calibrated With reference to International standard ISO230-2.

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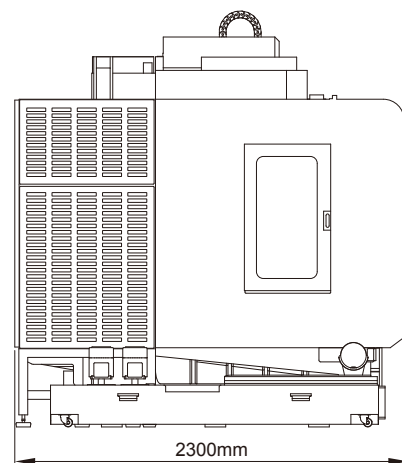
+ Jingdiao On-machine Measurement System
+ Oil Mist Separation Device
+ Jingdiao NC Rotary Table
+ Bag Type Filtration System

Machine Dimension

Front View

Left View

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The machine pictures are for reference only.
The parameters are subject to change without notice.