

JDPGT600



Specialized in GRAPHITE electrode/mold machining.

- + Innovative gantry structure with beam and columns casted in one piece, providing high rigidity and vibration suppression ability.
- + Fully closed loop control with linear scale on 3 linear axis to ensure stable precision machining accuracy.
- + Adopt ball screw cooling to prevent thermal influence to machine accuracy.
- + Equipped with JD Φ 105 synchronized motor 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	600/500/200
Worktable Size	mm	620×520
Max. Load	Kg	300
Spindle Type		JD105S-28-HE32
Max. Spindle Speed	rpm	28000
Tool Holder Type		HSK-E32
Tool Magazine		Chain Type Tool Magazine with Manipulator
Tool Magazine Capacity		36
Max. Rapid Rate (X/Y/Z)	m/min	18/18/15
Max. Feed Rate (X/Y/Z)	m/min	10/10/10
Drive System		AC Servo
Voltage		3-Phase, 380V / 50Hz, or Customized
Air Pressure	MPa	≥ 0.52
Machine Weight	Kg	8500

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

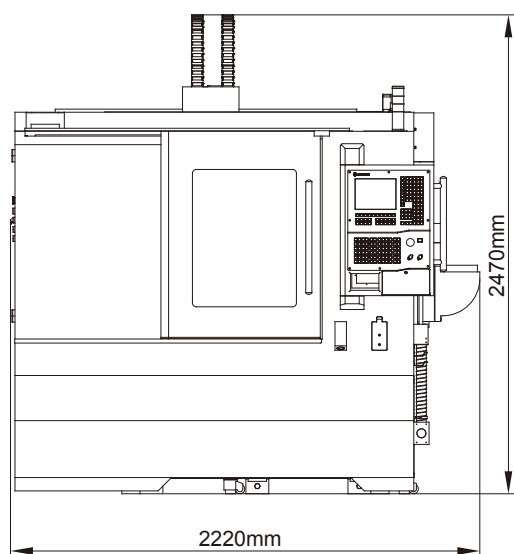
Standard

- + JD50 Control System
- + Closed Loop Control with Linear Scale
- + Spindle & Ball Screw Refrigerator
- + Double Layer Cover for X/Y Axis
- + In-machine Dust Collecting Device
- + Chain-type Tool Magazine
- + Contact Tool Length Calibrator
- + Manual Pulse Generator(MPG)
- + Jingdiao On-machine Measurement System

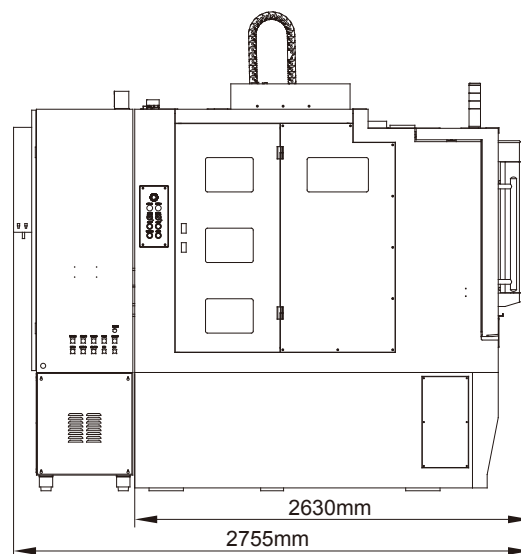
Optional

- + Jingdiao CAM Software SurfMill8.0
- + 16 Tools Umbrella-type Tool Magazine
- + 3+1/3+2 Rotary Table
- + Built-in Chip Conveyor
- + Dust Collector
- + Probe
- + Automatic Door

Machine Dimension



Front View



Left View