

PGA600



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 JDΦ105 synchronized motor spindle.

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Technical Specification

Items		Standard Value
Position Accuracy (X/Y/Z)	mm/(in)	0.002/0.002/0.002 (0.00008"/0.00008"/0.00008")
Repeatable Accuracy (X/Y/Z)	mm/(in)	0.0018/0.0018/0.0018 (0.00007"/0.00007"/0.00007")
Travel (X/Y/Z)	mm/(in)	600/500/260 (23.6"/19.7"/10.2")
Worktable Size	mm/(in)	620 × 520 (24.4" × 20.5")
Max. Load	Kg/(lb)	300 (661.5)
Max. Spindle Speed	r/min	28,000
Tool Holder Type		HSK-E32
Tool Magazine Capacity		36
Max. Rapid Rate (X/Y/Z)	m/min (in/min)	18 (708)
Max. Feed Rate (X/Y/Z)	m/min (in/min)	10 (394)
Drive System		AC Servo
Voltage		3-Phase 380V/60Hz
Air Pressure	MPa (psi)	≥ 0.52 (75.4)
Machine Weight	Kg (lb)	8,500 (18,742)

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

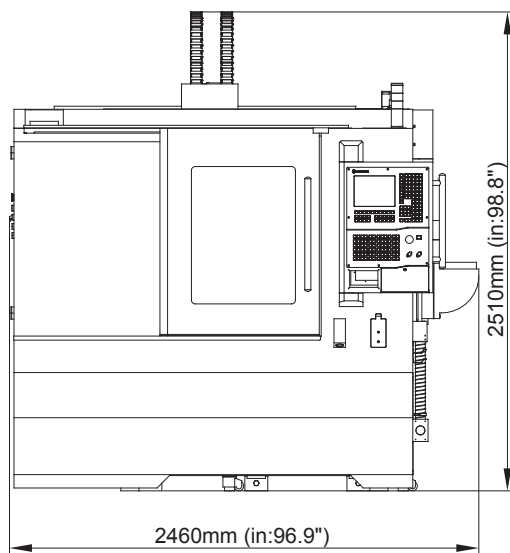
Standard

- + Jingdiao JD50 control system
- + Closed loop control with linear scale
- + Spindle & ball screw chillers
- + Double layer cover for X/Y axis
- + In-machine dust collecting device
- + Chain-type tool magazine
- + Contact tool length calibrator
- + Handwheel(MPG)
- + Jingdiao On-machine Measurement System

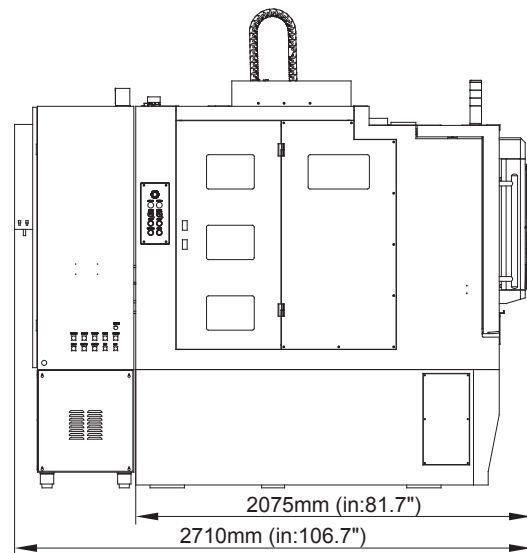
Optional

- + Jingdiao CAD/CAM software surfMill7.0
- + 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