

JDMRT600



Adopting full closed-loop control technology. It's suitable for 5-axis composite machining of various die castings, precision parts and complex hardware.

- + The machine tool is a moving beam gantry structure with a cradle-type double-shaft direct drive rotary table.
- + Spindle and drive system cooling technology used to improve the thermal stability of the machine.
- + The max moving speed of linear axis is 48 m/min, and the processing efficiency is high.
- + Equipped with HSK-A63 interface spindle, it has strong tool use ability and composite processing capabilities such as milling, boring, drilling, tapping and reaming.
- + Simulate the process with software to optimize the process elements, and improve the safety of the process.
- + Equipped with JINGDIAO on machine inspection system to monitor and quantify the status of machine, tools and workpieces which can effectively ensure the accuracy and stability of the machine tool for long-time machining.

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Technical Specification

Items		Standard Value
Position Accuracy (X/Y/Z)	mm	0.003/0.003/0.003
Position Accuracy (A/C)	sec	8/8
Repeatability (X/Y/Z)	mm	0.002/0.002/0.002
Repeatability(A/C)	sec	5/5
Travel (X/Y/Z)	mm	650/660/500
A/C Rotation Angle	deg	-120-90 /360
Worktable Size	mm	φ630
Max. Load	kg	400
Max. Spindle Speed	rpm	15000
Tool Holder Type		HSK-A63
Tool Magazine Capacity		64 (Chain Type)
Max. Rapid Rate (X/Y/Z)	m/min	48
Max. Rotation Rate (A/C)	rpm	60/60
Max. Feed Rate (X/Y/Z)	m/min	32
Max.Feed Rate (A/C)	rpm	60/60
Drive System		AC Servo
Voltage		3-Phase, 380V / 50Hz,or Customized
Air Pressure	MPa	≥0.52
Machine Weight	kg	12000

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

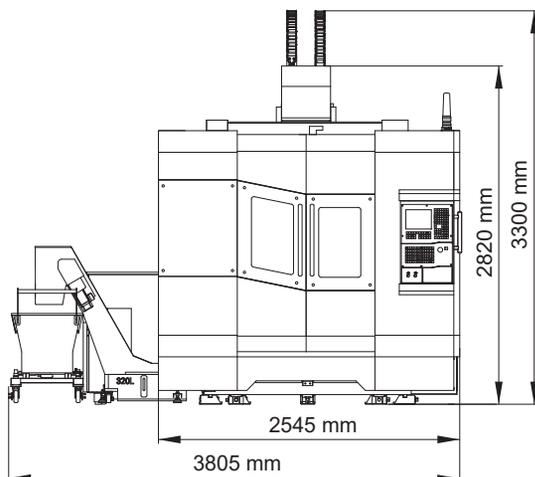
Standard

- + JD50 Control System
- + JINGDIAO CAM Software SurfMill
- + Spindle & Rotary Table Refrigerator
- + Double-Shaft Direct-Drive Rotary Table
- + Scraper Style Chip Conveyor System
- + Chip Disposal
- + Handwheel controller

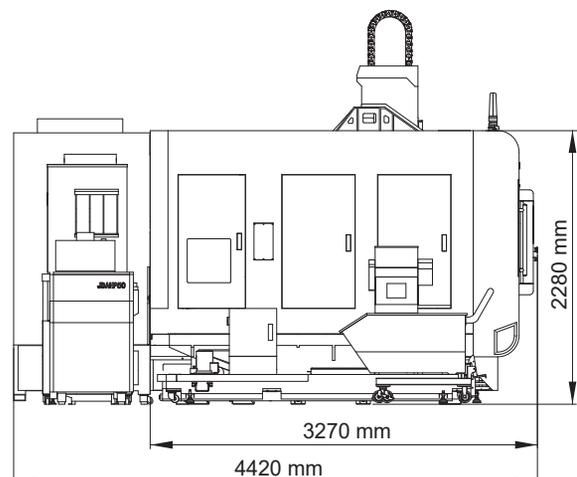
Optional

- + Oil Mist Collector
- + Coolant Chilling System
- + Bag Filter
- + JINGDIAO On-machine Inspection System
- + Micro Oil Mist Lubrication System
- + Cutting Fluid Tank
- + Coolant-Through Spindle

Machine Dimension



Front View



Left View