

# JDMRT200D



Adopting full closed-loop control technology. Suitable for 5-Axis High-Efficiency Composite Machining of Complex Parts.

- + Moving beam gantry machine structure, equipped with cradle-type double-shaft direct drive rotary table.
- + Equipped with double-spindle and double-C-axis turntable, realizing double-position efficient machining.
- + The thermal stability of the machine tool is effectively improved by using the cooling technology of spindle and drive system.
- + Equipped with HSK-A50 interface spindle, which has milling, boring, drilling, attack, hinge composite processing capabilities.
- + 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	300/400/310
A/C Rotation Angle	deg	-90-120 /360
Worktable Size	mm	φ200
Max. Load	kg	30
Double Spindle Spacing	mm	230
Max. Spindle Speed	rpm	20000
Tool Holder Type		HSK-A50
Tool Magazine Capacity		12×2
Max. Rapid Rate (X/Y/Z)	m/min	30
Max. Rotation Rate (A/C)	rpm	60/100
Drive System		AC Servo
Voltage		3-Phase, 380V / 50Hz,or Customized
Air Pressure	MPa	≥0.52
Machine Weight	kg	8000

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

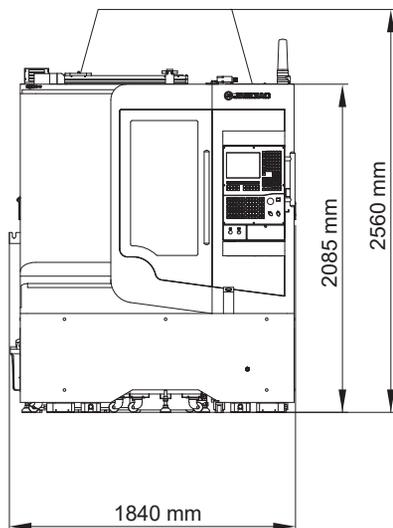
## Standard

- + JD50 Control System
- + JINGDIAO CAM Software SurfMill
- + Spindle & Rotary Table Refrigerator
- + Beijing JINGDIAO On Machine Inspection System
- + Chain-Type Tool Magazine
- + Automatic Door
- + Indoor Spray System
- + Double-Position Direct Drive Turntable
- + Scraper Style Chip Conveyor System
- + Double-Shaft Direct-Drive Rotary Table
- + Scraper Style Chip Conveyor System
- + Tool Set
- + Manual Pulse Generator(MPG)
- + Mist Collector

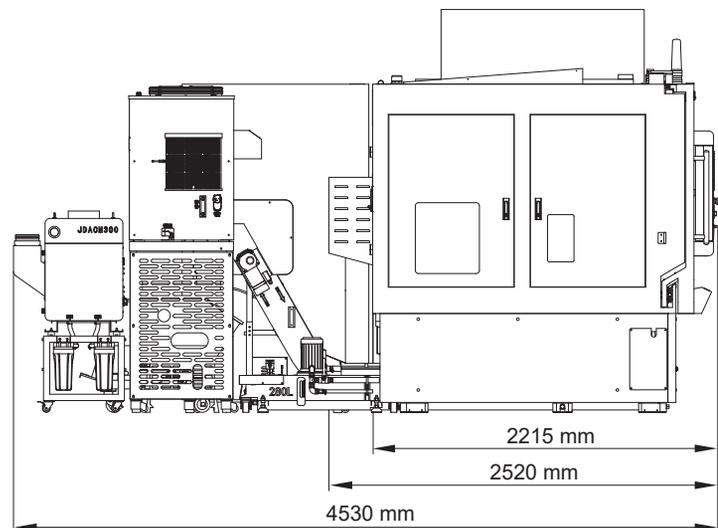
## Optional

- + Broken Tool Detection System
- + Paper-Strip Filter System

## Machine Dimension



Front View



Left View