

JDGRT200



Suitable for multi-tool composited and efficient processing of 5-axis parts, such as drilling, milling, boring, reaming and tapping.

- + It's a fixed beam gantry structure, with a cantilever-type double-shaft direct drive rotary table, and the B and C axis adopt direct drive technology.
- + The max rapid rate of X/Y/Z axis is 48m/min, can effectively reduce the time spent on non-processing, and the processing efficiency is high.
- + Equipped with $\phi 150$ JINGDIAO high-speed precision spindle and chain-type tool magazine with capacity 63, which can meet the demand to multi-tool composited and efficient processing.
- + 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.
- + Simulate the process with software to optimize the process elements, and improve the safety of the process.

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Technical Specification

Items		Standard Value
Position Accuracy (X/Y/Z)	mm	0.002/0.002/0.002
Position Accuracy (B/C)	sec	8/8
Repeatability (X/Y/Z)	mm	0.0018/0.0018/0.0018
Repeatability(B/C)	sec	5/5
Travel (X/Y/Z)	mm	500/280/310
B/C Rotation Angle	deg	-120-90 /360
Worktable Size	mm	φ 260
Max. Load	kg	50
Max. Spindle Speed	rpm	20000
Tool Holder Type		HSK-A50
Tool Magazine Capacity		63 (Chain Type Tool Magazine)
Max. Rapid Rate (X/Y/Z)	m/min	48
Max. Rotation Rate (B/C)	rpm	360/600
Max. Feed Rate (X/Y/Z)	m/min	15
Max.Feed Rate (B/C)	rpm	360/600
Drive System		AC Servo
Voltage		3-Phase, 380V / 50Hz,or Customized
Air Pressure	MPa	≥0.52
Machine Weight	kg	6700

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

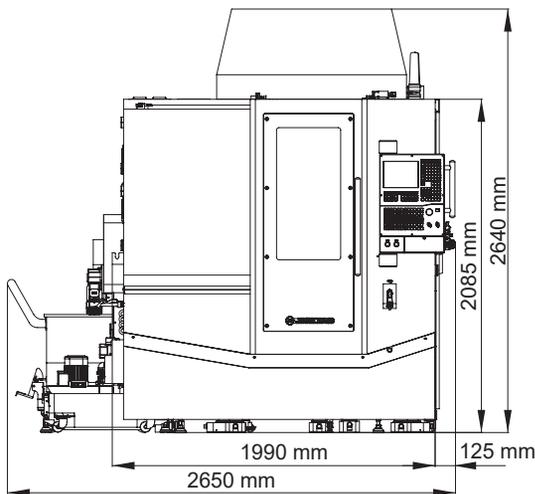
Standard

- + JD50 Control System
- + JINGDIAO CAM Software SurfMill
- + Spindle & Rotary Table Refrigerator
- + Double-Shaft Direct-Drive Rotary Table
- + Scraper Style Chip Conveyor System
- + Automatic Door
- + Contact-Type Tool Set
- + Laser Tool Set
- + Manual Pulse Generator(MPG)

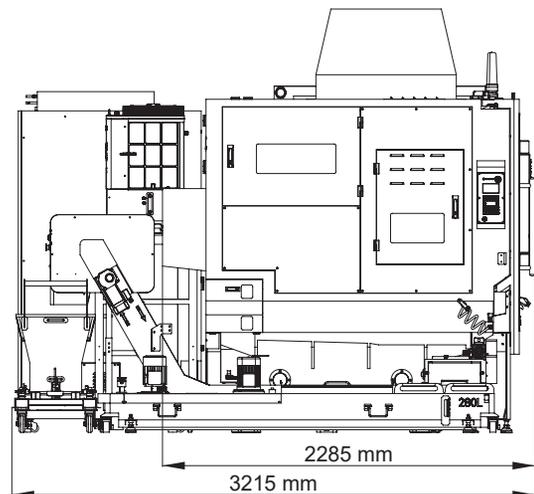
Optional

- + JINGDIAO On Machine Inspection System
- + Coolant Chilling System
- + Mist Collector
- + Oil Water Separator

Machine Dimension



Front View



Left View