

JDGRT150



Adopting the full closed-loop control technology, suitable for 5-axis machining of precision parts and complex hardware.

- + 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.
- + Spindle and drive system cooling technology used, and equipped with a fully enclosed machine tool protective cover, effectively improve the thermal stability of the machine tool.
- + Achieve "0.1 μ feed, 1 μ cutting" machining stably, and the tool wear is less.
- + 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	0.002/0.002/0.002
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	500/200/260
B/C Rotation Angle	deg	-120-90 /360
Worktable Size	mm	φ200
Max. Load	kg	20
Max. Spindle Speed	rpm	24000
Tool Holder Type		BT30
Tool Magazine Capacity		60 (Chain Type Tool Magazine)
Max. Rapid Rate (X/Y/Z)	m/min	15
Max. Rotation Rate (B/C)	rpm	60/240
Max. Feed Rate (X/Y/Z)	m/min	10
Max.Feed Rate (B/C)	rpm	30/120
Drive System		AC Servo
Voltage		3-Phase, 380V / 50Hz, or Customized
Air Pressure	MPa	≥0.52
Machine Weight	kg	4410

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

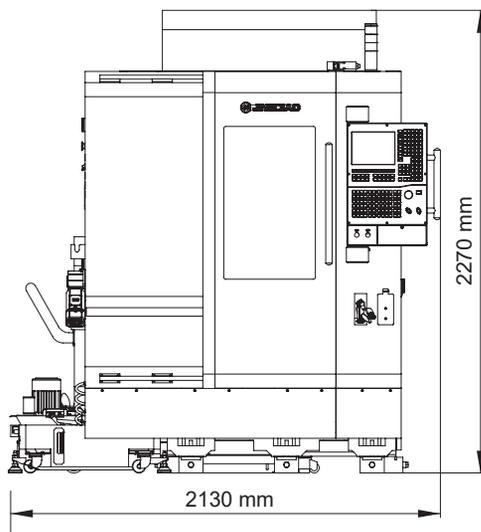
Standard

- + JD50 Control System
- + JINGDIAO CAM Software SurfMill
- + Fully Closed-loop Control
- + Double-Shaft Direct-drive Rotary Table
- + Tool Set
- + Manual Pulse Generator(MPG)

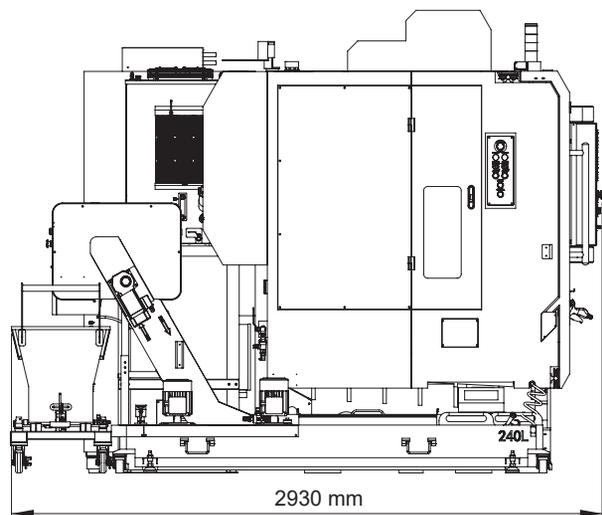
Optional

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

Machine Dimension



Front View



Left View