

JDGR200T



Suitable for 5-axis machining of optical molds, precision molds & die, precision parts and complex hardware.

- + The ability of “0.1 μ Feeding and 1 μ Cutting”, strong anti-vibration performance and less tool wear.
- + Simulate the process by software, to optimize the technical factors and improve the procedure's safety.
- + On-machine measuring and intelligently correcting the errors of position and dimension of the work-piece, promoting the dimension accuracy.
- + Optionally equipped with $\Phi 150$ high-speed synchronous spindle, cutting ability and machining efficiency are significantly improved, and the composite machining capabilities of milling, grinding, drilling, boring and tapping are strengthened.

JDGR200T

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	450/680/400			
B/C Swivel Range	deg	-120 ~90 /360			
Worktable Size	mm	φ260			
Max. Load	Kg	50			
Spindle Type		JD105S-28-HE32	JD130-32-HE32/A	JD130S-24-BT30	JD150S-20-HA50/A
Max. Spindle Speed	rpm	28000	32000	24000	2000
Tool Holder Type		HSK-E32	HSK-E32	BT30	HSK-A50
Tool Magazine	Chain Type Tool Magazine with Manipulator (Disc Type Tool Magazine with Manipulator)				
Tool Magazine Capacity		36 (16)			
Max. Rapid Rate (X/Y/Z)	m/min	15			
Max. Swivel Rate (B/C)	rpm	30/50			
Max. Feed Rate (X/Y/Z)	m/min	10			
Max.Feed Rate (B/C)	rpm	15/25			
Drive System		AC servo			
Voltage		3-Phase, 380V/50Hz, or Customized			
Air Pressure	MPa	≥ 0.52			
Machine Weight	Kg	5600		5900	

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

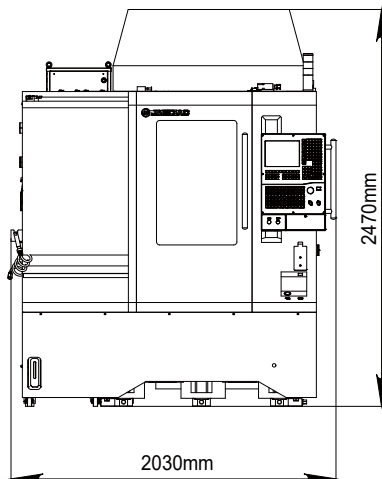
Standard

- + JD50 Control System
- + Spindle & Rotary Table Refrigerator
- + Chain-type Tool Magazine
- + Coolant Tank
- + Tool-Length Calibrator
- + Manual Pulse Generator(MPG)
- + Jingdiao On-machine Measurement System

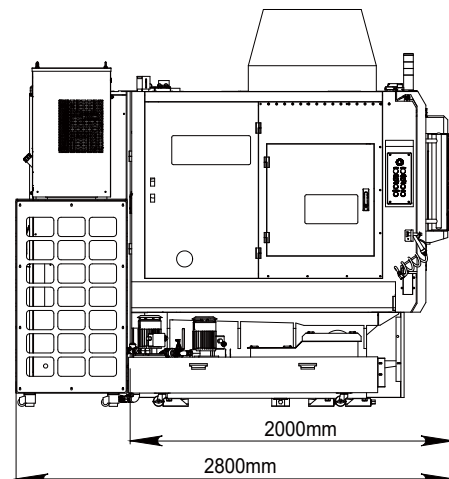
Optional

- + Probe
- + Dynamic Balance Tool Holder
- + Oil Mist Separation Device

Machine Dimension



Front View



Left View