



Jingdiao High-speed Machining Center

# JDGR200T



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

- + The ability of “0.1 $\mu$  Feeding and 1 $\mu$  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	30		
Spindle Type		JD135E-32-HE32/F	JD135S-24-BT30/FA	JD150S-20-HA50/C
				JD150SC-20-HA50/A
Max. Spindle Speed	rpm	32000	24000	20000
Tool Holder Type		HSK-E32	BT-30	HSK-A50
Tool Magazine		Chain Type Tool Magazine with Manipulator		
Tool Magazine Capacity		37 (63)		
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

## Standard

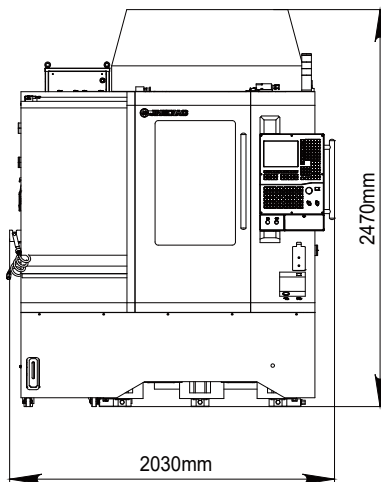
- + JD50 Control System
- + Spindle & Rotary Table Refrigerator
- + Chain-type Tool Magazine
- + Coolant Tank
- + Tool-Length Calibrator
- + Manual Pulse Generator(MPG)
- + Jingdiao On-machine Measurement System

## Optional

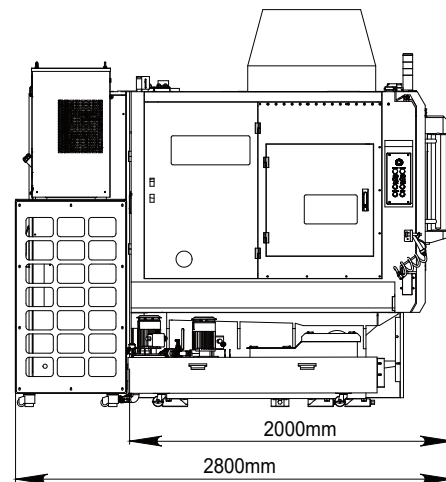
- + Probe
- + Dynamic Balance Tool Holder
- + Oil Mist Separation Device

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

## Machine Dimension



Front View



Left View