



JTDR-160 5-Axis Machining Center

Product descriptions and features

■ Features

- High-speed tool changing system, fast tool changing time.
- DD direct-drive high-speed turntable, accurate and reliable positioning, ensuring processing quality.
- High moving speed, shortening idle moving time.
- High-speed and efficient processing capability, an excellent choice for batch processing of workpiece.
- Excellent human-computer interaction interface, simple to operate.

■ For Material

copper, aluminum, steel, stainless steel, magnesium, titanium, etc

■ Applied Range

It is widely used in dentistry (medical), 3C products, automobiles, instruments and meters, light industry and textiles, electronics and electrical appliances, aerospace and machinery manufacturing, and other parts processing.



Parameters

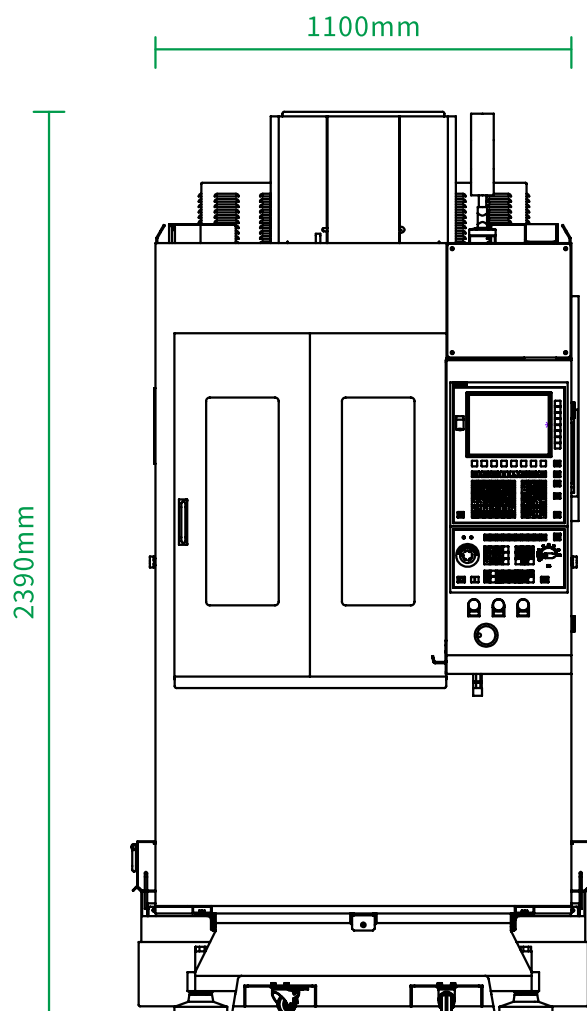
Item	Parameter
X/Y/Z travel	160/320/390mm
A/C axis tilt angle	+120°~-80°/360°
Work table dimension	Ø110mm
Max load of worktable	0°:15kg ; 90°:10kg
Spindle power/Max spindle speed	3.7kW/24000rpm
Spindle interface/taper	BBT30
Rapid traverse rate	48m/min
Cutting feed rate	30m/min
A/C axis max. speed	150rpm/500rpm
Positioning accuracy	0.006mm/300mm
Repeatability	0.004mm
Machine net weight	2200kg
Machine net dimension	1100x1990x2390 mm
Power supply	3-PH AC380V ±5% (50Hz)

Standard Configuration

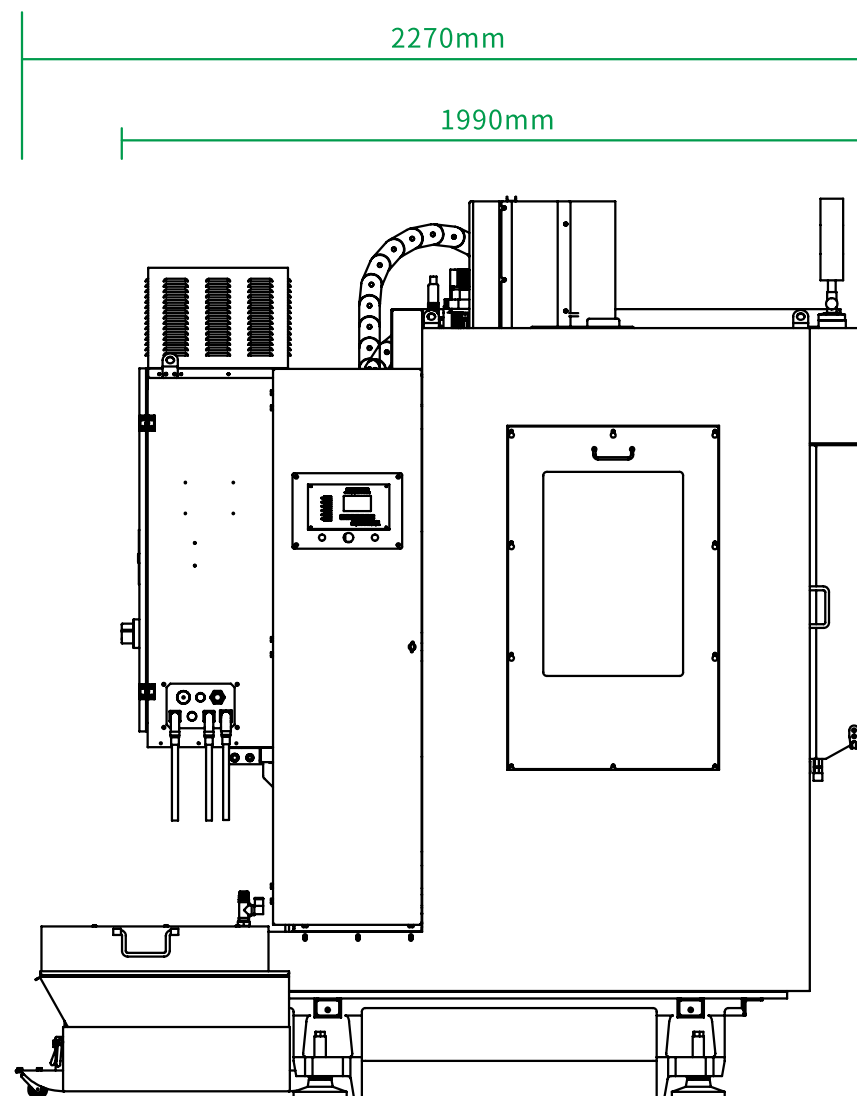
- High speed CNC controller(JIETIE JT810)
- Direct drive spindle
- AC servo motor
- Precision ball screw and guide rail
- 5-axis rotary table
- Automatic tool magazine(capacity: 21pcs)
- Spindle cooling system
- Automatic tool setter
- External hand wheel generator
- Transparent visible side window

Optional Accessories

- Automatic probe
- Voltage stabilizer
- Oil mist collector



Front



Left