

## JTDR-550 5-Axis Machining Center

### Product descriptions and features

#### ■ Features

- High rigidity main structure, with higher precision stability
- Large torque DD direct drive rotary table, high precision, fast positioning, shorten the processing auxiliary time
- High rigidity interface spindle realizes higher cutting performance and machining surface quality
- Fully enclosed compact external protection design, closer operating distance, greatly improve the convenience of operation
- Automatic tool changer, can load a large number of tools, fast tool changing.
- Machining area with big slop design, chips removal more direct, reduce chips accumulation and the frequency of cleaning and maintenance in the machine
- Excellent human-machine interaction interface and easy operation.
- Independently developed CNC system, powerful and reliable

#### ■ For Material

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

#### ■ Applied Range

machining component of medium-small size box /lid/plate/shell/disk, mold machining, automobile, instruments and meters, light industry and textile, electronic appliances, aviation and aerospace, machine manufacturing, etc



KEJIE website



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## Parameters

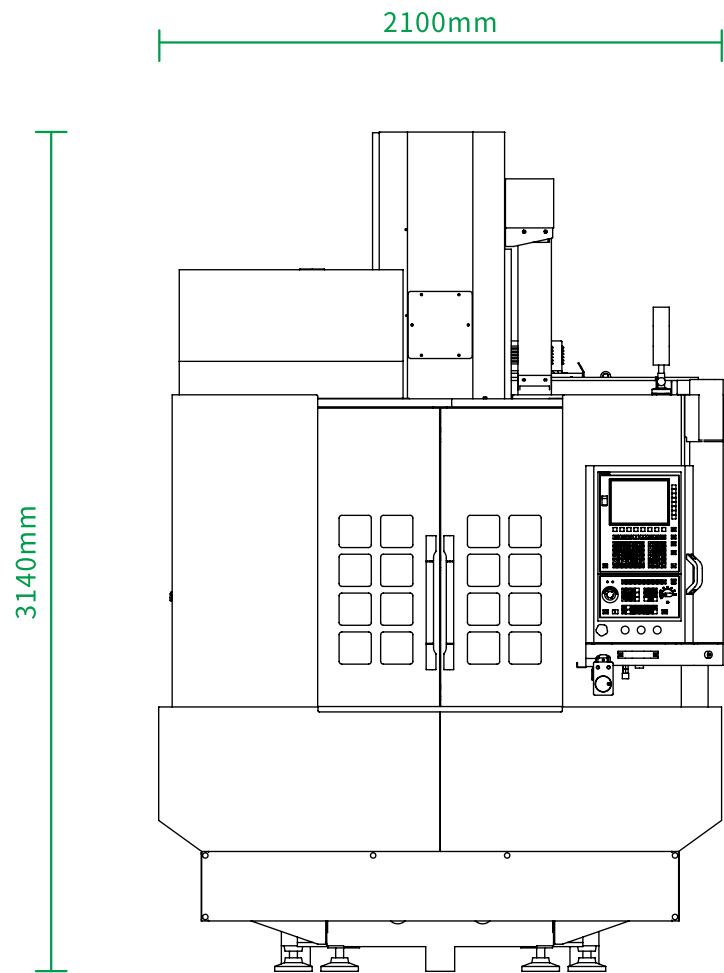
Item	Parameter
X/Y/Z travel	550/500/550mm
A/C axis tilt angle	120°~80°/360°
Work table dimension	Ø260mm
Max load of worktable	150kg
Spindle power/Max spindle speed	11kW/12000rpm
Spindle interface/taper	BBT40
Rapid traverse rate	48m/min
Cutting feed rate	30m/min
A/C axis max. speed	100rpm/150rpm
Positioning accuracy	0.008mm/300mm
Repeatability	0.005mm
Machine net weight	4800kg
Machine net dimension	2100x2600x3140 mm
Power supply	3-PH AC380V ±5% (50Hz)

## Standard Configuration

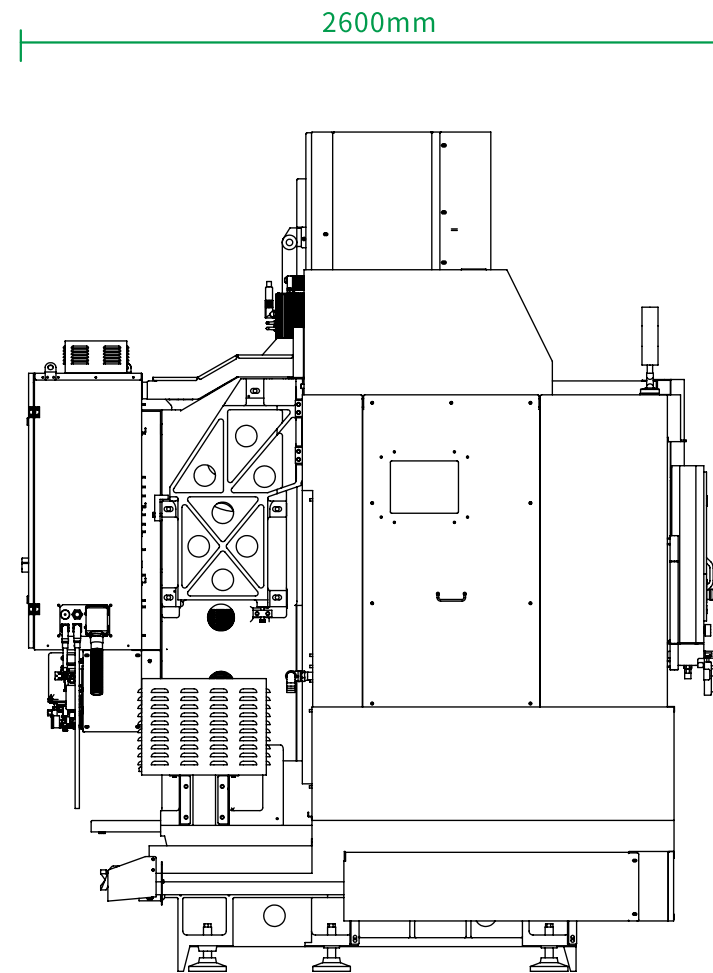
- High speed CNC controller
- Direct drive spindle
- AC servo motor
- Precision ball screw and guide rail
- 5-axis rotary table
- Circular type tool magazine (capacity: 24pcs)
- Spindle cooling system
- Tool setter
- External hand wheel generator

## Optional Accessories

- Automatic probe
- Voltage stabilizer
- Oil mist collector
- Cooling through spindle system
- Automatic external chip conveyor
- Machine bed flushing
- Fixture subdivider



Front



Left