

## JTGK-500G CNC Grinding Center

### Product descriptions and features

#### ■ Features

##### - Superior processing capabilities

- Excellent dynamic machining performance
- High-precision, high-speed, and high-efficiency, ideal for batch production of parts
- Automatic tool magazine, which can realize automatic exchange of multi-size tools and improve production efficiency

##### -JIATIE CNC controller is easy to operate

- The self-developed high-speed CNC controller is easy to operate and has stronger compatibility and openness
- Favorable man-machine interaction, easy operation

On-line measurement system can be optional to realize online detection and correction, for the parts with large deformation problem, ensures the stability of processing and improves yield.

#### ■ For Material

glass, ceramic, sapphire, silicon carbide, silicon nitride and etc,  
titanium, engineering plastics

#### ■ Applied Range

Machining for industry applications of aviation and aerospace,  
medical product, semi-conductor, etc



KEJIE website



KEJIE wechat

## Parameters

Item	Parameter
X/Y/Z travel	500/400/200mm
Work table dimension	530×430mm
Max load of worktable	150kg
Spindle power/Max spindle speed	9kW/32000rpm
Spindle interface/taper	HSK E40
Rapid traverse rate	15m/min
Cutting feed rate	10m/min
Positioning accuracy	0.008mm/300mm
Repeatability	0.005mm
Machine net weight	3000kg
Machine net dimension	1700×1750×2400mm
Power supply	3-PH AC380V ±5% (50Hz)

## Standard Accessories

- High speed CNC controller
- High speed spindle
- AC servo motor
- Precision ball screw and guide rail
- Automatic tool setter
- Hand Wheel
- Spindle cooling system

## Optional Accessories

- Wireless probe
- Oil mist collector
- Voltage stabilizer

