JTVC-1166
Vertical Machining Center

Product descriptions and features

■ Features

- Years of CNC machine design and manufacturing experience combines with finite element FEM analysis, the main components such as base, column and saddle are all using particular high-rigidity structure. And eliminate the internal stress. These ensure the machine dynamic performance is stable and reliable.

- The design of three-axis linear precise guide has fast responses of acceleration and deceleration. This effectively improves machine machining efficiency and machining accuracy. Even if it is under high bear load, the performance is still excellent.

- Short nose BBT40 spindle equips with strong motor and forced cooling system, this ensures machine cutting performance is better.

- Stable base and column equip with lightweight components of the moving axes, this ensures the stability of machine acceleration and deceleration motions.

- Automatic chip removal device makes cleaning more convenient.

■ For Material

copper,aluminum,castingiron, steel,stainless steel, etc

■ Applied Range

component mass production in the industries of automotive accessories,aviation and aerospace,3C products,industrial automation,communication,etc

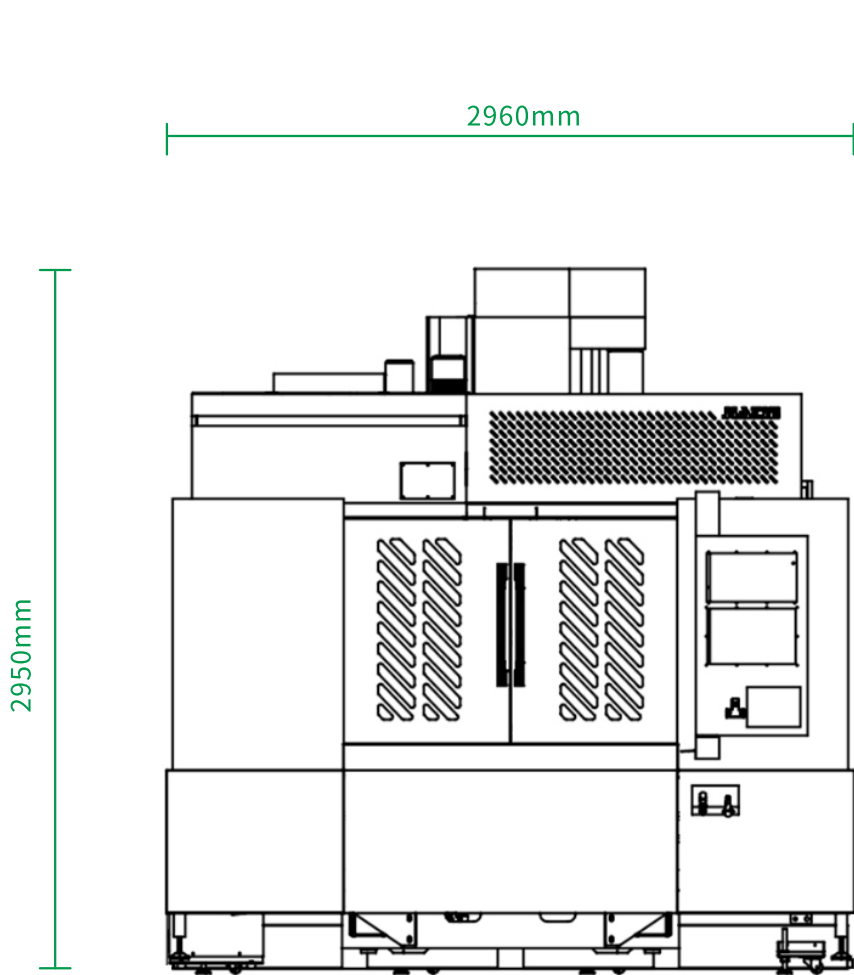KEJIE website   KEJIE wechat

Parameters

Item	Parameter
X/Y/Z travel	1100/650/600mm
Work table dimension	1200×650mm
Max load of worktable	1100kg
Spindle power/Max spindle speed	15kW/12000rpm
Spindle interface/taper	BT40
Rapid traverse rate	36m/min
Cutting feed rate	20m/min
Positioning accuracy	0.008mm/300mm
Repeatability	0.005mm
Machine net weight	7500kg
Machine net dimension	2960×2750×2950mm
Power supply	3-PH AC380V ±5% (50Hz)

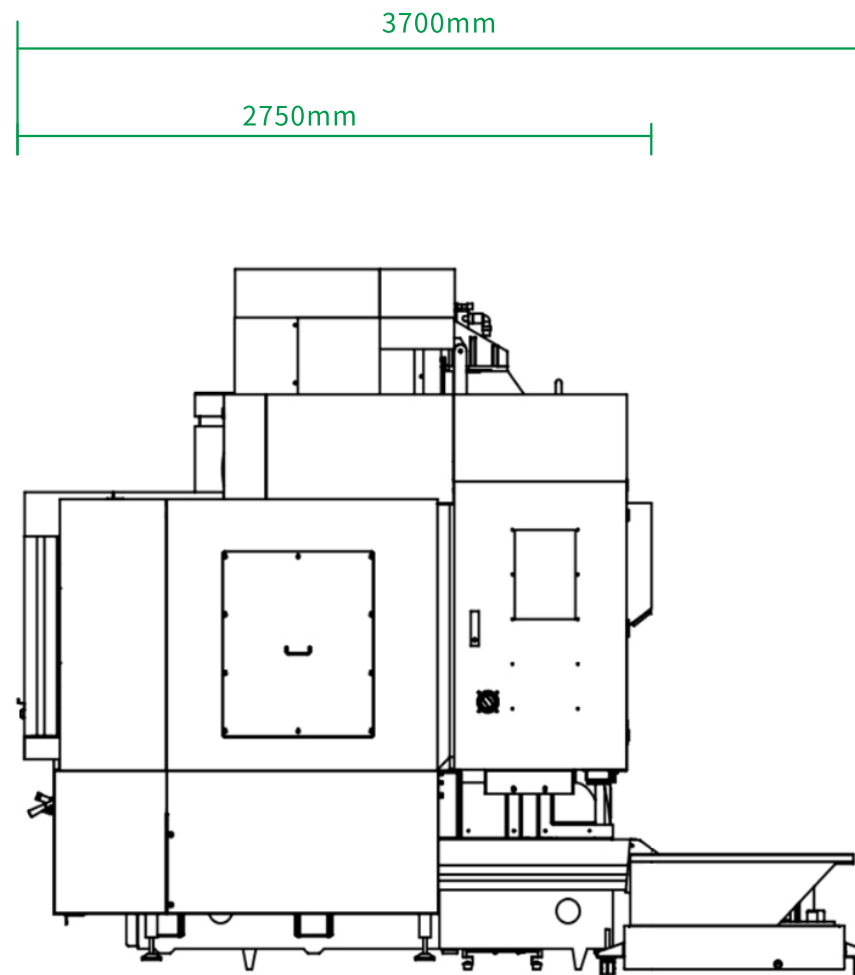## Standard Configuration

- High speed CNC controller

- Precision ball screw and guide rail

- AC servo motor

- High speed spindle

- Automatic tool magazine

- Spindle cooling system

- Lubrication system

- Automatic tool setter

- Automatic chip removal device

Optional Accessories

- Oil mist collector

- Voltage stabilizer

- Chain-plate type chips extractor

- Center through spindle system

2960mm

2950mm

3700mm

2750mm

Front

Left