

# VERTICAL DRILLING CENTER

Simple and quick operation | Improve processing efficiency | Save labor | Reduce cost

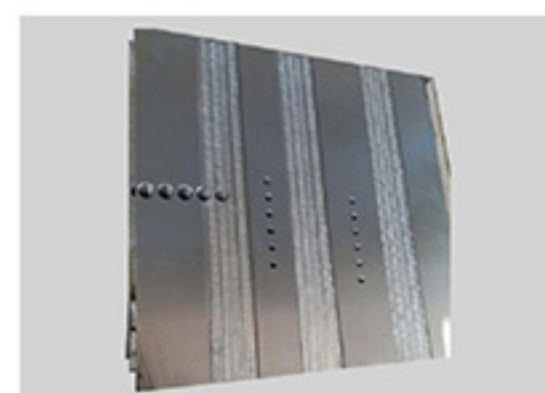


## Characteristics and advantages of machine tools

The machine tool is controlled by a CNC system, with a vertical spindle and a cross slide layout below the spindle, making operation simple and fast. Multiple processes such as milling flat surfaces, drilling and threading can be achieved with one clamping, and the processing speed is fast, efficient, and labor-saving.

1. Machine tools are suitable for processing complex processes such as valve covers and flanges of various valves, with high processing efficiency, reduced manpower, high uniformity of machining dimensions, and easy operation.
2. High processing efficiency, the machine tool is controlled by a CNC system during the processing, with automatic feed and automatic tool change, which can complete milling, drilling, expanding or threading on the same workpiece processing.
3. Reducing manual labor, one device is equivalent to the efficiency of three ordinary devices, and one person can operate 2-3 specialized machines.
4. The uniformity of machining dimensions is high, and this machine tool is completely controlled by a CNC system. Only one tool alignment is needed to repeatedly machine the same type of workpiece, thereby improving the uniformity of dimensions.
5. Easy to operate, this special machine is completely controlled by a CNC system. Experienced CNC operators or those with a solid foundation in machining can learn it immediately.

Processed Products



## SPECIFICATIONS

Project 项目	Machine tool specification 机床规格	YCZG-SKZG40
Technical specifications 技术规格	Z-axis travel(mm) Z轴行程 ( mm )	700
	X-axis travel(mm) X轴行程 ( mm )	500
	Y-axis travel(mm) Y轴行程 ( mm )	500
	Tool connection mode 刀具连接方式	BT40
Machining precision 加工精度	Position degree 位置度	≤0.015/3000
	Surface roughness 表面粗糙度	3.2
Spindle drive 主轴传动	Transmission from 传动形式	Infinitely variable speeds 无级变速
	Spindle motor range (r/min) 主轴转速范围 (r/min)	0-1000
	Spindle motor model 主轴电机型号	5.5KW servo 5.5KW伺服
Numerical control system (optional) 数控控制系统 ( 选配 )	Nanjing Huaxing--Servo system 南京华兴--伺服系统	Guangzhou cnc--Servo system 广州数控--伺服系统
Feed form 进给形式	Actuating motor 伺服电机	7.7N.m
Machine tool shape 机床外形	Full protection(length X width X height)(mm) 全防护 ( 长×宽×高mm )	2760x2200x2430
Machine tool weight(kg) 机床重量 ( kg )		3000