

# FP=OUR-STATION ROTARY TABLE PLANE

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



## Characteristics and advantages of machine tools

It can simultaneously complete the machining of three processes, including drilling, reaming, and drilling the flange end face of the middle valve stem hole of the butterfly valve.

1. The machine tool is applied to the machining of butterfly valve stem holes and small flange surface drilling, with high machining efficiency, high machining accuracy, stable machining dimensions, and convenient machine operation.
2. High machining accuracy, with a centerline valve stem hole and an axial degree of less than 0.05, a symmetry degree of less than 0.20, and stable machining dimensions.
3. The uniformity of machining dimensions is high. This machine tool adopts a CNC control system, which eliminates the need for repeated tool alignment and improves dimensional stability and uniformity.
4. Easy to operate, the machine tool adopts servo control, and with experience in CNC operation, one can learn it at a glance.

Processed Products



## SPECIFICATIONS

Project 项目	Machine tool specification 机床规格	YCZK-150
Technical specifications 技术规格	Dimensions of rotary table 回转工作台尺寸	600 × 600
	Maximum reaming diameter 最大扩孔直径	φ 35 alloy reamer φ 35 合金扩刀
	Maximum hold diameter (middle hole) 最大钻孔直径(中间孔)	φ 20
	II station stroke II 工位行程	310mm
	III station stroke III 工位行程	450mm
	IV station stroke IV 工位行程	240mm
	II Station motor power and spindle output speed II 工位电机功率及主轴输出转速	2.2KW , 177rpm
	III Station motor power and spindle output speed III 工位电机功率及主轴输出转速	1.5KW , 374rpm
Machining precision 加工精度	IV Station motor power and spindle output speed IV 工位电机功率及主轴输出转速	3KW , 683rpm
	Reaming accuracy 扩孔加工精度	Symmetry 0.10 对称度 ± 0.10
Main transmission 主传动	Precision of drilling middle hole 钻中间孔精度	Symmetry 0.2 对称度 ± 0.2
	Accuracy of drilling holes around flange 钻法兰四周孔精度	Position φ 0.5 位置度 φ 0.5
Numerical control system 数控控制系统	Huaxing servo 华兴伺服	
Feed from 进给形式	Actuating motor 伺服电机	Both are 7.7N.m 均为 7.7N.m
Machine tool shape 机床外形	Overall dimension of machinetool (length X width X height)(mm) 机床外形尺寸 (长X宽X高mm)	2670 × 2065 × 1450
Machine tool weight 机床重量		4tons 4吨