

SINGLE-SIDED CNC BORING LATHE

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



Characteristics and advantages of machine tools

The machine tool is controlled by a numerical control system, which is easy to operate, improves processing efficiency, saves labor, and reduces costs.

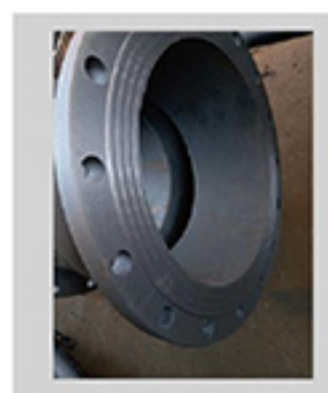
1. Machine tools are suitable for various valve bodies: Machine tools are suitable for the machining of key end faces, outer circles, flat surfaces, and inner holes of various valve bodies, with high machining efficiency, reduced manual labor, high uniformity of machining dimensions, and easy operation. The machine tool can process any valve body with three flange faces at an angle of 90 degrees, valve bodies with two flange faces on the same straight line, and valve bodies with a single flange face.

2. High processing efficiency: During the machining process, CNC machine tools can complete the machining of flange surfaces, end surfaces, and water lines at the same time by using the power head to work simultaneously, with a required time of 1-3 hours minute.

3. Reduce labor: One person can operate two lathes or one lathe and one drilling machine simultaneously.

4. Easy to operate: The machine tool is controlled by a numerical control system, and those with numerical control operation experience will learn it at once.

Processed Products



SPECIFICATIONS

Project 项目	Machine tool specification 机床规格	YCIC300HT	YCIC300HT-GLQ	YCIC600HT	
Technical specifications 技术规格	Maximum turning diameter (mm) 最大车削直径 (mm)	φ 460	φ 460	φ 840	
	X-axis travel(mm) X轴行程 (mm)	170	170	270	
	Z-axis travel(mm) Z轴行程 (mm)	395	515	520	
Machining precision 加工精度	Coaxiality(mm) 同轴度 (mm)	≤0.1	≤0.1	≤0.15	
	Parallelism(mm) 平行度 (mm)	≤0.1	≤0.1	≤0.15	
	Surface roughness 表面粗糙度	6.3	6.3	6.3	
Spindle drive 主轴传动	Transmission from (Gearshifting) 传动形式 (齿轮变速)	Four speed change 4档变速	Four speed change 4档变速	Second speed change 2档变速	
	Spindle motor range (r/min) 主轴转速范围 (r/min)	72-256	72-256	32-47	
	Spindle motor model 主轴电机型号	YE2-132M-6-5.5KW	YE2-132M-6-5.5KW	YE2-160L-8-7.5KW	
Numerical control system (optional) 数控控制系统 (选配)	Nanjing Huaxing-Step System 南京华兴-步进系统	Nanjing Huaxing-Servo system 南京华兴-伺服系统	Guangzhou cnc-Stepping 广州数控-步进系统	Guangzhou cnc-Servo system 广州数控-伺服系统	
Feed form(optional) 进给形式 (选配)	Stepmotor 步进电机	24N.m	24N.m	35N.m	
	Actuating motor 伺服电机	7.7N.m	7.7N.m	10N.m	
Machine Bedoutersha 机床 外形	Full protection 全防护	Overall dimension of machinetool (length X width X height)(mm) 机床外形尺寸 (长X宽X高mm)	2300X1900X1700	2500X1900X1700	3000X2300X2500
	Simple protection 简易防护	Overall dimension of machinetool (length X width X height)(mm) 机床外形尺寸 (长X宽X高mm)	2100X1900X1700	2300X1900X1700	2700X1800X2300
Machine tool weight (kg) 机床重量 (kg)		1800	2000	4500	