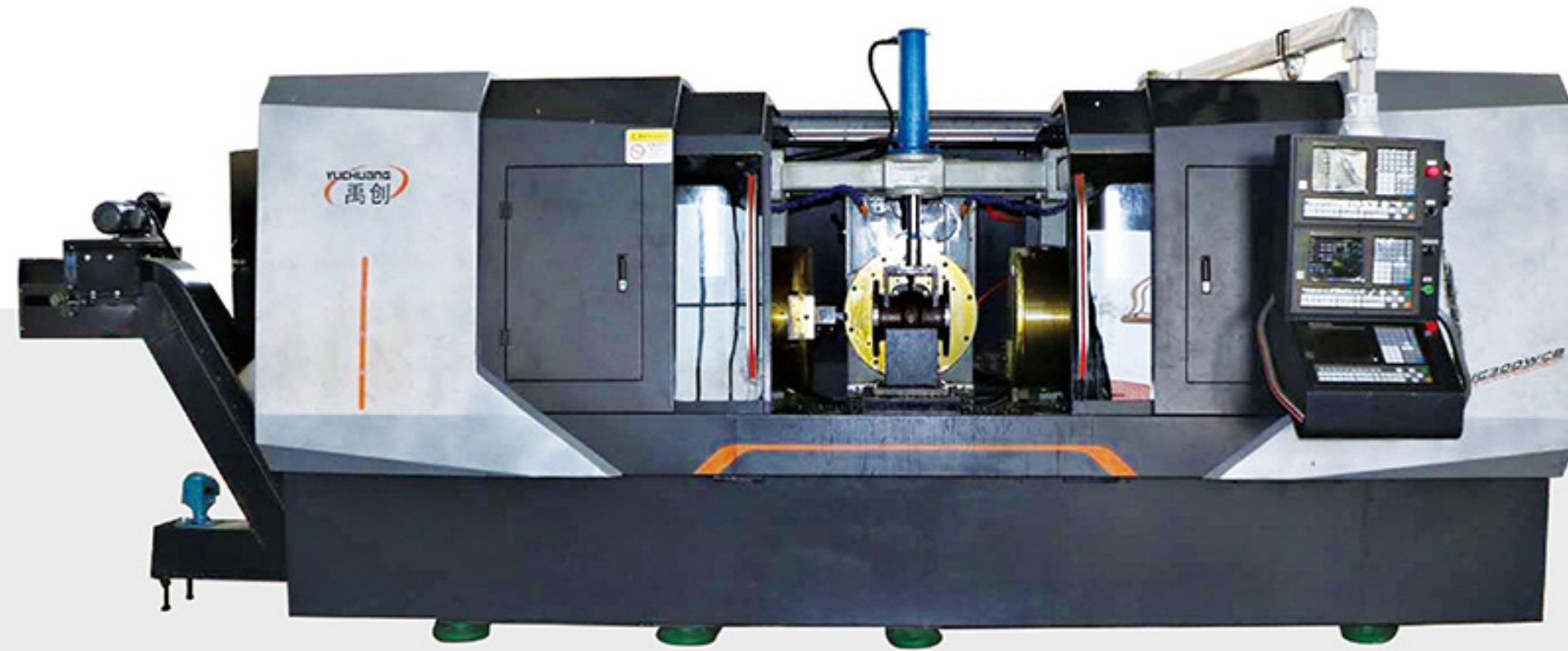


CAST STEEL THREE-SIDED CNC BORING LATHE

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



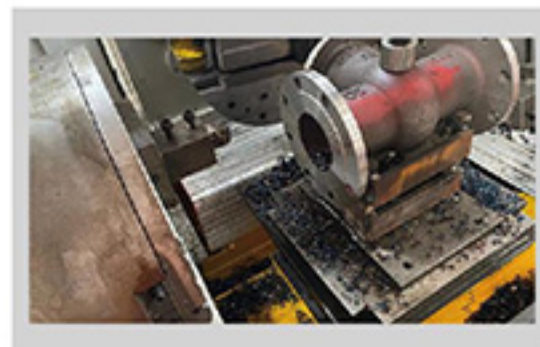
Characteristics and advantages of machine tools

The three sided horizontal CNC boring lathe is a machine developed by our company specifically for cast steel and stainless steel valve bodies, based on the characteristics of irregular sprues, large machining allowances, and high cutting hardness in cast steel valve casting.

This machine tool is suitable for various products such as pumps, valves, pipe fittings, fire hydrants, etc.

1. The machine tool is controlled by a control system and is easy to operate,
2. One clamping can complete multiple machining processes such as three flange surface outer circles, flat surfaces, water lines, chamfering, and boring.
3. High processing accuracy and strong stability,
4. high efficiency, 2-3 times that of ordinary lathes
- 5.Reduce labor and lower processing costs with 5 effects. 6 machines and beds have strong rigidity and long service life.

Processed Products



SPECIFICATIONS

Project 项目	Machine tool specification 机床规格	YCTB300ZG	YCIIC300ZG
Technical specifications 技术规格	Maximum turning diameter (mm) 最大车削直径 (mm)	φ 550	φ 460
	Maximum machining length(mm) 最大加工长度 (mm)	500	600
	Minimum machining length(mm) 最小加工长度 (mm)	200	240
	单边切削量 (mm)	5	3
	X-axis travel(mm) X轴行程 (mm)	160	170
	Z-axis travel(mm) Z轴行程 (mm)	300	300
Machining precision 加工精度	Coaxiality(mm) 同轴度 (mm)	≤0.1/500	≤0.1/500
	Parallelism(mm) 平行度 (mm)	≤0.1/500	≤0.1/500
	Verticality(mm) 垂直度 (mm)	≤0.1/500	≤0.1/500
	Surface roughness 表面粗糙度	3.2	3.2
Main transmission 主传动	Transmission from (Gearshifting) 传动形式 (齿轮变速)	Gear plus spindle servo speed regulation 档位加主轴伺服调速	Gear plus frequency converter speed regulation 档位加变频器调速
	Spindle motor range (r/min) 主轴转速范围 (r/min)	60rpm-250rpm	130rpm-350rpm
	Spindle motor 主轴电机	Spindle servo motor 7.5KW 主轴伺服电机7.5KW	Three-phase asynchronous motor 5.5KW 三相异步电机5.5KW
Numerical control system (servo) 数控系统 (伺服)	Huaxing CNC-servo system (system optional) 华兴数控—伺服系统 (系统可选配)		
Machine tool shape 机床外形	Full protection 全防护	4500 × 3000 × 2000	4000 × 2800 × 1750
Machine tool weight(ton) 机床重量 (吨)		10.8tons 10.8吨	5.5tons 5.5吨