

DOUBLE-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 and fast to operate. Simultaneous processing of two surfaces is fast, improving processing efficiency, saving labor, and reducing costs.

1. Machine tools are suitable for various reducers and turbine boxes: machining two surfaces or holes that require parallelism, heavy coaxiality, high machining efficiency, reduced manual labor, high uniformity of machining dimensions, and simple operation.

2. High processing efficiency: During the machining process, the CNC machine tool uses a power head to work simultaneously, which can complete the machining of two surfaces or holes at the same time.

3. Reduce labor: One person can operate two lathes.

4. High uniformity of machining dimensions: This machine tool fully adopts a CNC control system without the need for repeated tool alignment, thereby improving dimensional uniformity.

5. Easy to operate: The machine tool adopts a numerical control system, and those with numerical control experience can learn it immediately.

Processed Products



SPECIFICATIONS

Project 项目	Machine tool specification 机床规格	YC II C300HT	YC II C400HT	YC II C600HT	YC II C800HT	
Technical specifications 技术规格	Maximum turning diameter (mm) 最大车削直径 (mm)	φ 460	φ 580	φ 840	φ 1025	
	Maximum machining length(mm) 最大加工长度 (mm)	600	800	1000	1100	
	Minimum machining length(mm) 最小加工长度 (mm)	200	300	300	400	
	X-axis travel(mm) X轴行程 (mm)	170	270	450	570	
	Z-axis travel(mm) Z轴行程 (mm)	280	395	450	450	
Machining precision 加工精度	Coaxiality(mm) 同轴度 (mm)	≤0.1	≤0.1	≤0.15	≤0.2	
	Parallelism(mm) 平行度 (mm)	≤0.1	≤0.1	≤0.15	≤0.2	
	Surface roughness 表面粗糙度	6.3	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	Third speed change 3档变速	Second speed change 2档变速	Third speed change 3档变速	
	Spindle motor range (r/min) 主轴转速范围 (r/min)	72-256	69-157	32-47	43-87	
	Spindle motor model 主轴电机型号	YE2-132M-6-5.5KW	YE2-132M-6-5.5KW	YE2-160L-8-7.5KW	YE2-180L-8-11KW	
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	50N.m	
	Actuating motor 伺服电机	7.7N.m	7.7N.m	10N.m	15N.m	
Machine Bed 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)	3800X1500X1700	4500X1800X2200	5000X1800X2200	5400X2300X2500
	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)	3600X1500X1700	4350X1800X2200	4800X1800X2200	5200X2300X2500
Machine tool weight (kg) 机床重量 (kg)		2800	4000	5700	8500	