哈斯精机科技（盐城）有限公司

Hase Precision Machinery (Yancheng) Co., Ltd.

Contact us

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哈斯精机科技（盐城）有限公司

生产与研发为一体的
数控车床制造与服务供应商

Hase Precision Machinery (Yancheng) Co., Ltd.

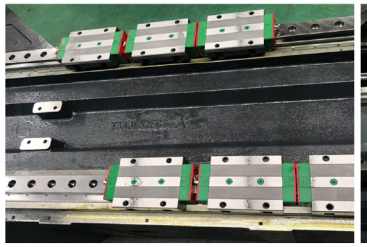
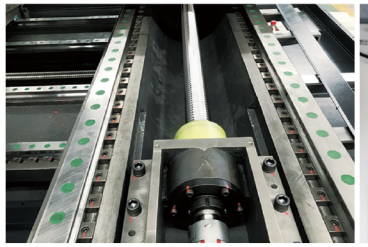
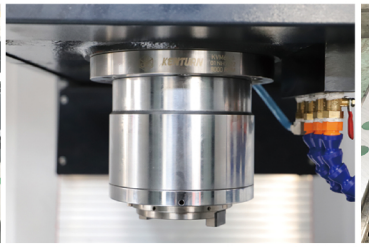
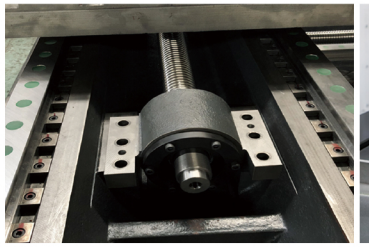
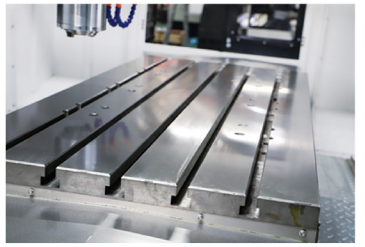
PRODUCTION AND R&D AS ONE
LATHE MANUFACTURING AND SERVICE PROVIDER



您选择的不仅是优质的产品
还有完美的服务 更是愉快的伙伴

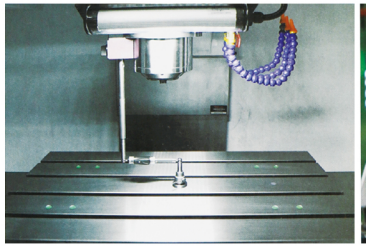
YOU CHOOSE NOT ONLY HIGH-QUALITY PRODUCTS,THERE IS ALSO PERFECT SERVICE, AND IT IS A FAST PARTNER

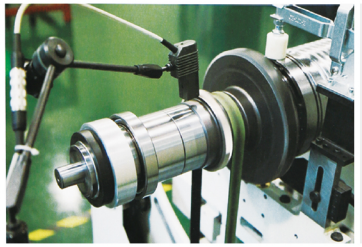
完善的工艺体系 Perfect process system

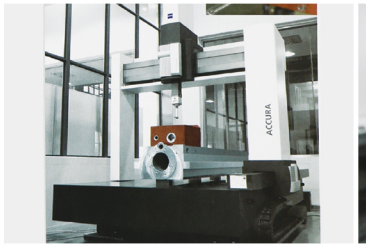







企业简介 COMPANY PROFILE

严密的检测手段 Strict detection methods


球杆仪循圆检测


主轴动平衡仪



三坐标测量仪检测


激光干涉仪检测


现代化检测车间

哈斯精机科技（盐城）有限公司是从事数控机床研发、生产、销售和服务的复合型企业，拥有中高级技术人员70多名，各类技术人员380多名。

哈斯精机致力于机械加工技术与解决方案的创新，以此推动中国机械制造水平的进步，短短几年就成为中国数控床、立式加工中心、数控磨床、钻削中心和数控龙门铣床等产品的优势生产供应商。哈斯精机贴近客户的创新研发，产品高起点高水准，满足客户需求，许多国家型企业和部分国内研究所、航空、航天等军工企业都有使用我们的产品，同时还出口到欧美、东南亚等多个国家和地区，深受用户好评。替客户着想的换位思考是哈斯精机不变的服务原则，通过心贴心的服务，赢得客户长期的信赖和满意，与越来越多的客户建立了长期合作、共同发展的战略伙伴关系。

哈斯精机秉持"创造创新，共荣共享"的理念，努力为广大客户"创造更大的价值"

Hase Precision Machinery（YanCheng） Co., Ltd. is an integrated enterprise specialized in the R&D, production, sales and service of CNC machine tools. It has a team of over 70 intermediate and senior technical personnel, along with more than 380 professional technicians of various categories.

Committed to innovating machining technologies and solutions to elevate the level of China's machinery manufacturing industry, Hase Precision Machinery has quickly grown into a leading supplier of CNC lathes, vertical machining centers, CNC grinding machines, drilling centers and CNC gantry milling machines in just a few years.

With customer-centric R&D and high-standard, high-starting-point products tailored to meet diverse client needs, our equipment has been widely adopted by national key enterprises, domestic research institutes, as well as military-industrial enterprises in the aerospace and aviation sectors. Meanwhile, our products are exported to numerous countries and regions across Europe, America and Southeast Asia, earning high praise from global users.

Customer-oriented thinking is the unwavering service principle of Hase Precision Machinery. Through




提供科学合理的供货方案，让客户选择机床设备更简单、更适宜；提供全方位细微的咨询和培训，让用户使用机床设备更正确、更高效；提供规范安全的定期保养，让用户的机床设备寿命更长久；提供精准的产业整体解决方案，让客户在竞争上获得先机，提供完善稳妥的改进措施，让客户在使用机床设备的同时获得更多的产品信息和增值服务。

Provide scientific and reasonable supply solutions to make it easier and more suitable for customers to choose machine tools; provide comprehensive and detailed consultation and training to allow users to use machine tools more correctly and efficiently; provide standardized and safe regular maintenance, so that users' machine tools Longer equipment life; provide accurate overall industrial solutions to allow customers to gain a head start in competition, provide complete and stable improvement measures, and allow customers to obtain more product information and value-added services while using machine tools.

平床身数控车床
Flat bed CNC lathe

CK0640数控车床



数控车床特点：

- 变频无极调速
- 配伺服系统
- 四工位电动刀架
- 标准配置：弹簧夹头和卡盘双用
- 选择配置：液压卡盘、排刀架

- **数控车床用途：**

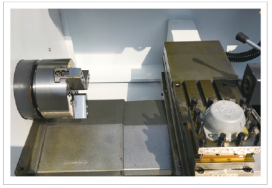
本机广泛用于电器、仪表仪器工业、汽车摩托车配件、紧固件轴承、照相器材、电影机械、五金各种钟表、眼镜、文教用品、电机、阀门、煤气管件及其他高精度复杂零件的加工制造，是五金机械加工行业最理想的高效设备。

- **CNC Lathe use :**

This machine is widely used in electrical appliances, instrumentation industry, automobile and motorcycle accessories, fastener bearings, photographic equipment, film machinery, hardware, various watches, glasses, cultural and educational supplies, motors, valves, gas pipes and other high-precision complex parts Processing and manufacturing is the most ideal and efficient equipment in the hardware machinery processing industry.

- **CNC Lathe Features :**

- Variable frequency stepless speed regulation
- With servo system
- Four-station electric knife holder
- Standard configuration: dual-use collet and chuck
- Choose configuration: hydraulic chuck, row tool holder







主要技术参数	SPECIFICATIONS	单位	CK0640	CK6125	CK6130	CK6132
床身上最大回转直径	Maximum turning diameter on the bed	mm	Φ200	Φ250	Φ300	Φ320
拖板上最大回转直径	Maximum swivel diameter on the carriage	mm	Φ100	Φ125	Φ130	Φ140
最大加工长度	Maximum processing length	mm	200	200	400	400
最大行程X/Z	Max stroke X/Z	mm	200/240	220/250	280/400	300/400
主轴端部形式	Spindle end form		A2-5	A2-5	A2-5	A2-5
主轴通孔直径	Spindle through hole diameter	mm	Φ48	Φ48	Φ48	Φ48
主轴拉管内径	Inner diameter of main shaft drawing tube	mm	Φ40	Φ40	Φ40	Φ40
主轴最高转速	Spindle maximum speed	rpm	2200	2200	2200	2200
夹紧方式	Clamping method		夹头夹紧	夹头夹紧	夹头夹紧/手动160卡盘	手动200卡盘
主轴电机功率	Spindle motor power	kw	3	3	4	4
重复定位精度(X/Z)	Repeated positioning accuracy (X/Z)	mm	±0.005	±0.005	±0.005	±0.005
进给电机扭矩(X/Z)	Feed motor torque (X/Z)		X:4 2:4	X:4 2:4	X:4 2:4	X:4 2:4
X/Z快移速度	X/Z rapid traverse speed		X:6 Z:8	X:6 Z:8	X:6 Z:8	X:6 Z:8
尾座套筒直径	Tailstock sleeve diameter	mm	Φ52（选配）	Φ52	Φ52	Φ52
尾座套筒行程	Tailstock sleeve stroke	mm	90（选配）	90	90	90
尾座套筒锥度	Tailstock sleeve taper	莫氏	MT4（选配）	MT4	MT4	MT4
刀架形式	Tool holder form		排刀/4工位电动刀架（选配）	排刀/4工位电动刀架（选配）	排刀/4工位电动刀架（选配）	排刀/4工位电动刀架（选配）
刀具外形尺寸	Tool dimensions		16x16	16x16	16x16	16x16
导轨形式	Rail form		双山	双山	双山	双山
总电源容量(连续)	Total Power Capacity		7	7	7	7
外形尺寸	Dimensions	mm	1500x1000x1600	1520x1100x1650	1600x1100x1650	1600x1100x1650
机床重量(约)	Machine Weight	kg	800	850	950	980

平床身数控车床
Flat bed CNC lathe

CK6136/CK6140/CK6150/CK6160

数控车床用途：

机床通过数控系统自动控制，进行各种不同的内孔、外圆、圆锥面、圆弧面、以及螺纹的车削，特别适合中小批量的轴类、盘类零件的粗精加工，具有自动化程度高，编程简单，精度高等优点。

CNC Lathe use：

The machine tool is automatically controlled by the CNC system to perform various kinds of turning of inner holes, outer circles, conical surfaces, arc surfaces, and threads. , Simple programming, high precision and other advantages.

数控车床特点：

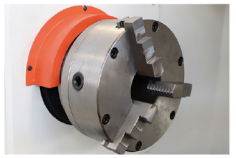
- 四工位电动刀架
- 变频无极调速
- 标准配置：手动卡盘
- 选择配置：弹簧夹头、液压卡盘、自动送料装置、排刀架

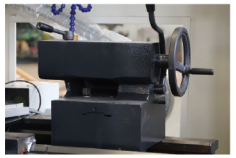
CNC Lathe Features：

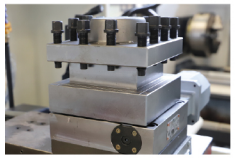
- Four-station electric knife holder
- Frequency stepless speed regulation
- Standard configuration: manual chuck
- Choose configuration: spring collet, hydraulic chuck, Automatic feeding device, row knife holder











主要技术参数	SPECIFICATIONS	CK6136	CK6140	CK6150	CK6160
床身上最大回转直径	Maximum turning diameter on the bed	Φ360	Φ400	Φ500	Φ600
拖板上最大回转直径	The maximum turning diameter of the puller	Φ180	Φ200	Φ290	Φ320
最大加工长度	Maximum processing length	750/1000/1500	750/1000/1500	750/1000/1500/2000	750/1000/1500/2000
最大行程X/Z	Max stroke X/Z	X: 240 Z : 750/1000/1500	X: 240 Z : 750/1000/1500/2000	X: 300 Z : 750/1000/1500/2000	X: 300 Z : 750/1000/1500/2000
主传动形式	Main drive form	无	无	三档（挡内变频）	三档（挡内变频）
主轴转速级数	Spindle speed series	无极	无级	无级	无级
主轴转速范围	Spindle speed range	50-2000	50-2000	50-500/300-1100/600-1800	50-500/300-1100/600-1800
主轴端部形式	Spindle end form	A2-6	A2-6	A2-8	A2-8
主轴通孔直径	Spindle through hole diameter	52	52	82/105/130	82/105/130
主轴孔前端锥度	Spindle hole front taper	MT5	MT5	MT6	MT6
主轴电机功率	Spindle motor power	5.5	5.5	7.5	7.5/11
卡盘尺寸	Chuck size	200	200	250	250/320
滚珠丝杠规格	Ball Screw Specifications	2006 / 4008	2006 / 4008	2506 / 4008	2506 / 4008
进给电机扭矩X/Z	Feed motor torque X/Z	4/6	4/6	5.5/ 7.5	5.5/ 7.5
快移速度X/Z	Fast moving speed X/Z	X:6 Z:8	X:6 Z:8	X:6 Z:8	X:6 Z:8
重复定位精度(X/Z)	Repeated positioning accuracy (X/Z)	±0.005	±0.005	±0.005	±0.005
工件加工精度	Workpiece machining accuracy	IT6-IT7	IT6-IT7	IT6-IT7	IT6-IT7
工件表面粗糙度	Workpiece surface roughness	Ral.6	Ral.6	Ral.6	Ral.6
尾座套筒直径	Tailstock sleeve diameter	60	60	75	75
尾座套筒行程	Tailstock sleeve stroke	130	130	140	140
尾座套筒锥度	Tailstock sleeve taper	MT4	MT4	MT5	MT5
刀架形式	Tool holder form	电动四工位	电动四工位	电动四工位	电动四工位
刀具外形尺寸	Tool dimensions	20x20	20x20	25x25	25x25
导轨形式	Rail form	单山+平轨	单山+平轨	单山+平轨	单山+平轨
总电源容量	total power capacity	10	10	12	12
外形尺寸	Dimensions	2150/2400/2900x1500x1650	2500x1500x1650	2500x1500x1690	2600x1600x1820
机床重量(约)	Machine Weight (Approx.)	1800	1800	2000	2300

平床身数控车床
Flat bed CNC lathe

CK6163/CK6180/CK61100

数控车床特点：

- 底座强度高，加宽拖板，适宜强力车削
- 四工位电动刀架
- 主轴四档变速，档内无极变频调速
- 标准配置：手动卡盘
- 选择配置：液压卡盘

数控车床用途：

- 机床能自动完成内外圆柱面、锥面、圆弧面、端面等的加工，也能实现公、英及各种其它形式的单、多头螺纹的车削加工。

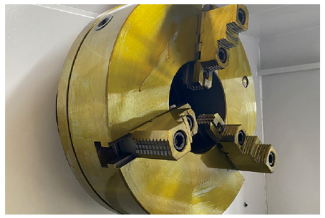
CNC Lathe use :

The machine tool can automatically complete the processing of internal and external cylindrical surfaces, conical surfaces, arc surfaces, end surfaces, etc., and can also realize the turning processing of single and multi-head threads in public, English and various other forms.

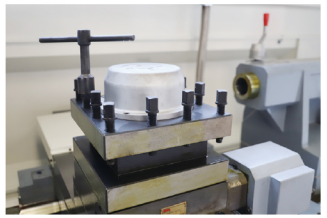
CNC Lathe Features :

- High base strength, widened carriage, suitable for strong turning
- Four-station electric knife holder
- Four-speed speed change of main shaft, stepless frequency conversion speed regulation
- Standard configuration: manual chuck
- Select configuration: hydraulic chuck









主要技术参数	MAIN TECHNICAL DATA	单位	CK6163	CK6180	CK61100
床身最大回转直径	Maximum turning diameter of the bed	mm	Φ630	Φ800	Φ1000
托板上最大回转直径	Maximum turning diameter on the pallet	mm	Φ330	Φ450	Φ630
最大加工长度	Maximum processing length	mm	1000/1500/2000/3000	1000/1500/2000/3000	1500/2000/3000
主轴传动形式	Spindle drive form		四档	四档	四档
主轴转速级数	Spindle speed series		档内无极	档内无极	档内无极
主轴转速	Spindle speed	r/min	30-84/53-150/125-350/300-835	30-84/53-150/125-350/300-835	30-84/53-150/125-350/300-835
主轴头形式	Spindle head form		C11	D11	D11
主轴孔前端锥度	Spindle hole front taper		公制120 1:20	公制120 1:20	公制120 1:20
主轴通孔直径	Spindle through hole diameter	mm	105	105	105
主电机功率	main motor power	kw	11	11	11
X/Z轴定位精度	X/Z axis positioning accuracy	mm	0.025/0.03	0.025/0.03	0.025/0.03
X/Z轴重复定位精度	X/Z axis repeat positioning accuracy	mm	0.01/0.015	0.01/0.015	0.01/0.015
工件加工精度	Workpiece machining accuracy		IT6-IT7	IT6-IT7	IT6-IT7
工件表面粗糙度	Work surface roughness		Ra1.6	Ra1.6	Ra1.6
X快移速度	X fast moving speed	mm/min	4000	4000	4000
Z快移速度	Z fast moving speed	mm/min	6000	6000	6000
尾座套筒直径	Tailstock sleeve diameter	mm	100	100	100
尾座套筒内孔锥度	Tail sleeve inner hole taper		MT6	MT6	MT6
尾座套筒移动量	Tailstock sleeve movement	mm	250	250	250
刀架形式	Tool holder form		电动立式四工位刀架	电动立式四工位刀架	电动4工位(可选卧式6工位)
滚珠丝杠直径*螺距	Ball screw diameter * pitch	mm	X:30*06 Z:50*10	X:30*06 Z:50*10	X:30*06 Z:50*10
刀方尺寸	Knife size	mm	32/32	32/32	40x40
机床外形尺寸	Machine dimensions	mm	3400/3900/4400/5400*1820*1780	3500/4000/4500/5500*1900*1900	3600/4100/4600/5600*1950*2000
机床重量	Machine weight	kg	3200/3600/4000/4500	4200/4500/5200/6200	4800/5600/6700

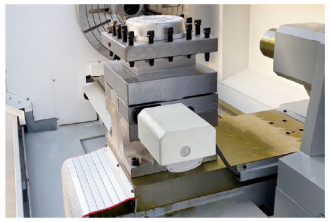
平床身数控车床
Flat bed CNC lathe

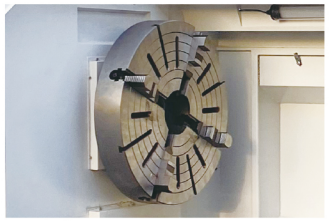
CK61125/CK61140/CK61150

数控车床特点：

- 加宽高稳定性床身
- 主轴四档变速，档内无极变频调速
- 加宽拖板
- 自动集中润滑
- 整体床身









数控车床用途：

机床通过数控系统自动控制，进行各种不同的内孔、外圆、圆锥面、圆弧面、以及螺纹的车削，特别适合中小批量的轴类、盘类零件的粗精加工，具有自动化程度高，编程简单，精度高等优点。

CNC Lathe use :

The machine tool is automatically controlled by the CNC system to perform various kinds of turning of inner holes, outer circles, conical surfaces, arc surfaces, and threads. , Simple programming, high precision and other advantages.

CNC Lathe Features :

- Widened high stability bed
- Four-speed speed change of main shaft, stepless frequency conversion speed regulation
- Widened carriage
- Automatic centralized lubrication
- Overall bed

主要技术参数	MAIN TECHNICAL DATA	单位	CK61125	CK61140	CK61150
床身最大回转直径	Maximum turning diameter of the bed	mm	Φ1250	Φ1400	Φ1500
托板上最大回转直径	Maximum turning diameter on the pallet	mm	Φ850	Φ1000	Φ1100
最大加工长度	Maximum processing length	mm	1500/2000/3000	1500/2000/3000	1500/2000/3000
主轴传动形式	Spindle drive form		四档	高低速八档	高低速八档
主轴转速级数	Spindle speed series		档内无极	档内无极	档内无极
主轴转速	Spindle speed	r/min	30-84/53-150/125-350/300-835	30-84/53-150/125-350/300-835	30-84/53-150/125-350/300-835
主轴头形式	Spindle head form		D11	D11	D11
主轴孔前端锥度	Spindle hole front taper		公制120 1:20	公制140 1:20	公制140 1:20
主轴通孔直径	Spindle through hole diameter	mm	105/130	105/130	105/130
主电机功率	main motor power	kw	11/15	18/22	18/22
X/Z轴定位精度	X/Z axis positioning accuracy	mm	0.025/0.03	0.025/0.03	0.025/0.03
X/Z轴重复定位精度	X/Z axis repeat positioning accuracy	mm	0.01/0.015	0.01/0.015	0.01/0.015
工件加工精度	Workpiece machining accuracy		IT6-IT7	IT6-IT7	IT6-IT7
工件表面粗糙度	Work surface roughness		Ra1.6	Ra1.6	Ra1.6
X快移速度	X fast moving speed	mm/min	4000	4000	4000
Z快移速度	Z fast moving speed	mm/min	6000	6000	6000
尾座套筒直径	Tailstock sleeve diameter	mm	100	160	160
尾座套筒内孔锥度	Tail sleeve inner hole taper		MT6	公制100	公制100
尾座套筒移动量	Tailstock sleeve movement	mm	250	300	300
刀架形式	Tool holder form		电动4工位	电动4工位	电动4工位
刀架最大行程X/Z	Tool holder maximum stroke X/Z	mm	40x40	40x40	40x40
机床外形尺寸	Machine dimensions	mm	3700/4200/4700*2000*2200	4250/4750/5250*2300*2500	4600/5100/6100*2300*2600
机床重量	Machine weight	T	5.1/6.0/7.2	8.0/9.0/10.5	8.3/9.5/11.0

数控管螺纹车床
CNC pipe thread lathe

QK13系列管螺纹车床

数控车床性能特点：

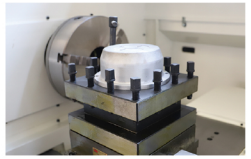
QK13系列管螺纹车床主要承担管螺纹车削加工的专用机床，此外还可以承担普通车床的车削外圆，镗孔，平面等工作，实用于石油、冶金、化工、水电地质等部门加工与修理钻杆、钻铤、方钻杆、套管等。

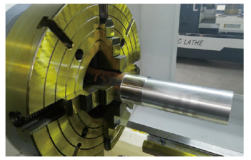
CNC lathe performance characteristics:

QK13 series pipe thread lathe mainly undertakes the special machine tool for pipe thread turning processing. In addition, it can also undertake the turning outer circle, boring, plane and other work of ordinary lathe. It is used in the processing and repair of drill pipe in petroleum, metallurgy, chemical, hydroelectric geology and other departments. , drill collar, kelly, casing, etc.











主要技术参数	MAIN TECHNICAL DATA	单位	QK1313	QK1319	QK1322
床身最大回转直径	Maximum turning diameter of the bed	mm	630	630	800
刀架上最大回转直径	Maximum turning diameter on the tool holder	mm	330	330	450
最大加工长度	Maximum tip distance	mm	1000/1500/2000/3000	1500/2000/3000	1500/2000/3000
床身宽度	Bed width	mm	550	550	600
主轴孔径	Spindle aperture	mm	130	190	220
主电机功率	main motor power	kw	11	11	11
主轴转速	Spindle speed	r/min	30-835	22-342	22-342
主轴传动形式	Spindle drive form		四档	两档	两档
主轴转速级数	Spindle speed series		档内无极	档内无极	档内无极
床鞍快速移动速度	Bed saddle fast moving speed	mm/min	4000	4000	4000
滑板快速移动速度	Skateboard fast moving speed	m/min	2300	2300	2300
滑板最大横向行程	Skateboard maximum lateral travel	mm	300	390	390
刀架最大行程	Tool holder maximum stroke	mm	200	200	200
套筒行程	Sleeve stroke	mm	250	250	250
套筒直径/锥度	Sleeve diameter / taper	mm	Φ100 /MT6	Φ100 /MT6	Φ100 /MT6
卡盘	Chuck		Φ500四爪卡盘	Φ500四爪卡盘	Φ500四爪卡盘
机床外形尺寸（长×宽×高）	Machine tool dimensions (length×width×height)	mm	2750/3250×1550×1700	3200/5159×1800×1800	3200/5159×1800×1800
重量	Weight	T	3.5/4/4.5/5	3.5/4/4.5/5	4.3./4.8/5.3/6.3

主要技术参数	MAIN TECHNICAL DATA	单位	QK1327	QK1332
床身最大回转直径	Maximum turning diameter of the bed	mm	1000	1000
刀架上最大回转直径	Maximum turning diameter on the tool holder	mm	610	610
最大加工长度	Maximum tip distance	mm	1500/2000/3000	1500/2000/3000
床身宽度	Bed width	mm	755	755
主轴孔径	Spindle aperture	mm	270	320
主电机功率	main motor power	kw	15	22
主轴转速	Spindle speed	r/min	22-342	20-300
主轴传动形式	Spindle drive form		两档	两档
主轴转速级数	Spindle speed series		档内无极	档内无极
床鞍快速移动速度	Bed saddle fast moving speed	mm/min	3740	3740
滑板快速移动速度	Skateboard fast moving speed	m/min	1870	1870
滑板最大横向行程	Skateboard maximum lateral travel	mm	520	630
刀架最大行程	Tool holder maximum stroke	mm	300	300
套筒行程	Sleeve stroke	mm	300	300
套筒直径/锥度	Sleeve diameter / taper	mm	Φ140 /公制100	Φ140 /公制100
卡盘	Chuck		Φ630四爪卡盘	Φ630四爪卡盘
机床外形尺寸（长×宽×高）	Machine tool dimensions (length × width × height)	mm	4800/6300×2100×1800	4800/6300×2100×1800
重量	Weight	T	6.8/7.3/8.3	6.8/7.3/8.3

斜床身数控车床
Slant bed CNC lathe

TCK550/CK40-750/1000数控车床

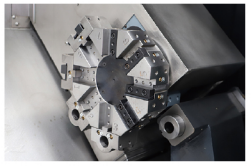
数控车床用途：

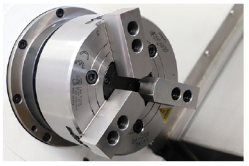
本机床主要用于各种轴类、盘类零件，可以车削各种螺纹、圆弧、圆锥及回转体的内外曲面，能够满足黑色金属及有色金属高速切屑的速度需求。适合汽车、摩托车、电子、航天、军工等行业回转零件进行高效、大批量、高精度的加工。加工精度可达到7级。

CNC Lathe use：

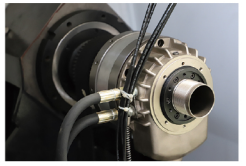
This machine is mainly used for various shaft and disc parts. It can turn various internal and external curved surfaces of threads, arcs, cones and rotary bodies to meet the speed requirements of high-speed chips for ferrous and non-ferrous metals. It is suitable for high-efficiency, high-volume, high-precision machining of rotating parts in the automotive, motorcycle, electronics, aerospace, military and other industries. Processing accuracy can reach 7 levels.











数控车床特点：

- 45度斜床身
- 高精度台湾直线导轨
- 排屑量大且方便，右排屑式和后排屑式可二选一
- 主轴单元分重切式和高速两种
- 重切式主轴单元适合轴承和齿轮类的加工
- 高速式主轴单元适合高速高精加工
- 丝杠预拉伸结构

CNC Lathe Features：

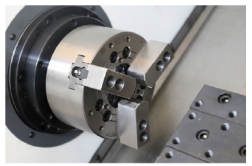
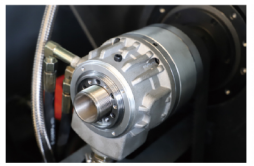
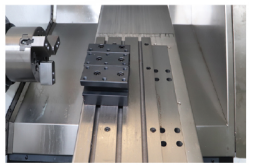
- 45 degree inclined bed
- High precision Taiwan linear guide
- Large and convenient chip evacuation, choose between right chip evacuation and rear chip evacuation
- Spindle unit is divided into heavy cutting type and high speed
- Heavy-cut spindle unit is suitable for the processing of bearings and gears
- High speed spindle unit is suitable for high speed and high precision machining

主要技术参数		MAIN TECHNICAL DATA	单位	TCK550	CK40-750	CK40-1000
工作范围 The scope of work	床身上最大旋转直径	Maximum rotating diameter on the bed	mm	Φ540	Φ540	Φ540
	溜板上最大回转直径	Maximum turning diameter on the slide	mm	Φ270	Φ270	Φ270
	最大加工直径	Maximum processing diameter	mm	Φ400	Φ400	Φ400
	最大加工长度	Maximum processing length	mm	700	700	900
主轴 Spindle	主轴最高转速	Maximum spindle speed	r/min	4000	4000	4000
	主轴跳动	Spindle runout	mm	0.008/300	0.008/300	0.008/300
	主轴通孔直径	Spindle through hole diameter	mm	Φ65	Φ65	Φ65
	棒材容径	Bar capacity	mm	Φ48	Φ48	Φ48
	液压卡盘	Hydraulic chuck	寸	8	8	8
	主轴电机功率	Spindle motor power	kw	7.5	7.5	7.5
行程 stroke	X轴行程	X-axis travel	mm	220	220	220
	Z轴行程	Z-axis travel	mm	750	750	1000
进给 Feed	X轴快速移动	X-axis fast moving	m/min	20	20	20
	Z轴快速移动	Z axis fast moving	m/min	20	20	20
	切削进给	Cutting feed	mm/min	1-6000	1-6000	1-6000
尾座 Tailstock	尾座行程	Tailstock stroke	mm	550/手动	550/手动	800/手动
	尾座套筒行程	Tailstock sleeve stroke	mm	120/液压/手动	120/液压/手动	120/液压/手动
导轨 guide	床身导轨倾斜角度	Bed rail tilt angle	°	30	30	30
	型式	Type		线轨	线轨	线轨
精度 Precision	定位精度	positioning accuracy	mm	0.016	0.016	0.016
	重复定位精度	Repeatability	mm	0.008	0.008	0.008
其他 Other	机床重量	Machine weight	kg	3800	3800	4200
	外形尺寸	Dimensions	mm	2920×1680×2070	2920×1680×2070	3200×1680×2070

斜床身数控车床
Slant bed CNC lathe

FCK40数控车床



标准广数：
980TB3i总线系统

性能特点：

斜轨数控车床的主要运动部件由滚珠丝杠螺母副、直线导轨和伺服电机驱动。水平导轨成对倾斜，有45°倾角。斜轨数控车床具备排屑能力较强、刚性好、精度高以及运行平稳等优势。

- **Standard wide number:**
  980TB3i bus system
- **Performance characteristics:**
  The main moving parts of the inclined rail CNC lathe are driven by the ball screw nut pair, the linear guide and the servo motor. The horizontal rails are inclined in pairs with a 45° inclination angle. The inclined rail CNC lathe has the advantages of strong chip removal ability, good rigidity, high precision and stable operation.

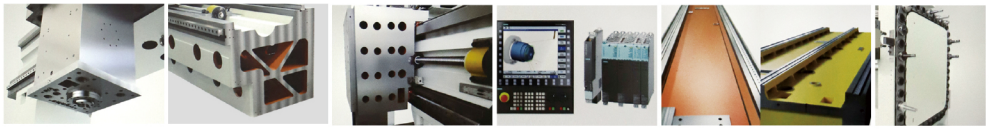
主要技术参数	MAIN TECHNICAL DATA	单位	FCK40
最大回转 直径	Max.swing diameter	mm	φ400
刀架底板上回转直径	Swing over cross slide	mm	φ120
最大加工长度	Max.turning length	mm	400
最大过棒料直径	Max.bar through-hole	mm	φ40
工件夹持方式	Work piece claping method	N/A	弹簧夹头
主轴转速范围	Spindie speed range	Rpm	选配 100-3000（普通主轴单元）100-4000（精密主轴单元）
主轴端部规格	Spindie nose size	N/A	A2-5
X轴快移速度	X-axis rapid traverse	m/min	24m（3210）
Z轴快移速度	Z-axis rapid traverse	m/min	24m（3210）
X轴移动量	X-axis travel	mm	800
Z轴移动量	Z-axis travel	mm	420
X/Z重复定位精度	X/Z axis repeating potiong accuracy	mm	0.003
刀架形式	Toolholder trpe	N/A	排刀
刀方规格	Tool size	MM	20
最大容刀数量	Number of tools	pcs	9（可装63刀塔）
机床尺寸（长x宽x高）	Overall size(L*W*H)	mm	2100*1450*1850
床脚底面到主轴中心高度	The bed bottom spindiec enterh eight	mm	990
机床重量	Net weight	kg	约1500

GMC2013/3013龙门加工中心

龙门加工中心性能特点：

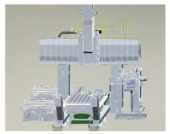
龙门加工中心主要用于加工板类、盘类件、壳体件、模具等精度高、工序多、形状复杂的大型零件。GMC系列龙门加工中心采用定梁式双柱龙门框架结构，十字布局，机床稳固可靠。主轴箱采用氮气缸平衡机构，保证主轴箱沿滑鞍上下移动的平稳性。床身、工作台、立柱、横梁、滑鞍、主轴箱等大件均采用高强度铸铁材料，造型为树脂砂工艺，两次时效处理消除应力，有效抑制了切削力导致机床的变形和振动。

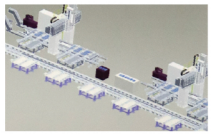




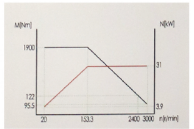
1、滑枕 Ram　2、横梁 Beam　3、滑枕座及驱动 Ram seat and driver　4、数控系统 CNC system　（两轨）5、床身（三轨） Bed frame　6、刀库 Tool magazine

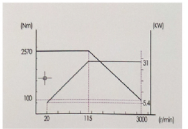
扩展机型





功率扭矩图





Gantry machining center performance characteristics:

The gantry machining center is mainly used for processing large parts such as plates, discs, housing parts and molds with high precision, many processes and complicated shapes.

GMC series gantry machining center adopts fixed beam double-column gantry frame structure, cross layout, and the machine tool is stable and reliable. The headstock adopts a nitrogen cylinder balancing mechanism to ensure the smoothness of the headstock moving up and down along the sliding saddle.

The bed, workbench, column, beam, sliding saddle, headstock and other large parts are made of high-strength cast iron material, which is made of resin sand.

The two aging treatments eliminate stress and effectively inhibit the deformation and vibration of the machine tool caused by cutting force.

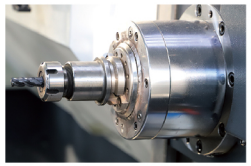
主要技术参数		MAIN TECHNICAL DATA	单位	GMC2013/3013	GMC2016/3016/4016	GMC2021/3021/4021
加工范围 Processing range	X轴行程	X-axis travel	mm	2000/3000	2000/3000/4000	2000/3000/4000
	Y轴行程	Y-axis travel	mm	1400	1600	2100
	Z轴行程	Z-axis travel	mm	800	800	800
	龙门宽度	Gantry width	mm	1400	1660	2150
	主轴端面至工作台面距离	Spindle end to table distance	mm	60-860	200-1000	200-1200
工作台面 Working desk	工作台尺寸(长×宽)	Workbench size (length×width)	mm	2000/3000×1000	2000/3000/4000×1300	2000/3000/4000×1800
	工作台最大承重	Workbench maximum load bearing	T	4/5	5/6/7	5/6/7
	T型槽(槽数-槽宽×间距)	T-slot (slot number - groove width × pitch)	-	7-22×150	7-22×170	7-22×180
主轴 Spindle	主轴转数	Spindle revolution	rpm	6000	6000	6000
	主轴型式	Spindle type	-	皮带BT50	皮带BT50	皮带BT50
	主轴马达	Spindle motor	kw	βiIp30 15/18.5KW 143NM	βiIp30 15/18.5KW 143NM	βiIp30 15/18.5KW 143NM
	X/Y/Z轴导轨形式	X/Y/Z axis guide rail form	-	RGW/H 55线规	RGW/H 55线规	RGW/H 55线规
	XYZ快速移动速度	XYZ fast moving speed	m/min	12/12/10	12/12/10	12/12/10
	切削进给速度	Cutting feed rate	mm/min	6000	5000	6000
自动换刀系统(选配) Automatic tool change system (optional)	ATC形式	ATC form	-	圆盘式/链条式	圆盘式/链条式	圆盘式/链条式
	刀库容量	Tool magazine capacity	Pcs	24/40	24/40	24/40
	最大刀具直径(满刀/无邻刀)	Maximum tool diameter	mm	Φ112/Φ200	Φ112/Φ200	Φ112/Φ200
	最大刀具长度	Maximum tool length	mm	300	300	300
	最大刀具重量	Maximum tool weight	kg	18	18	18
	拉拴	Pull	-	P50T-1（45°）	P50T-1（45°）	P50T-1（45°）
	换刀时间（刀对刀）	Tool change time (knife versus knife)	sec	2.5	2.5	2.5
机器精度 Machine accuracy	XYZ定位精度	XYZ positioning accuracy	mm	0.02/0.02/0.015mm	0.02/0.02/0.0.015mm	0.02/0.02/0.015mm
	XYZ重复定位精度	XYZ repeat positioning accuracy	mm	0.15/0.015/0.01mm	0.015/0.015/0.01mm	0.015/0.015/0.01mm
	机床重量（约）	Machine weight (about)	T	18/21	20/24/28	24/28/32

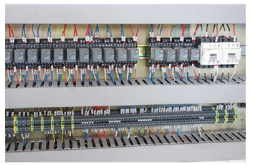
卧式加工中心
Horizontal machining center

HMC500/630/800卧式加工中心











主要技术参数	MAIN TECHNICAL DATA	单位	HMC500
工作台 (辅助工作台+圆台)	Workbench (auxiliary workbench + round table)	mm	500X500
工作台分度	Work table indexing		1°X360
T型槽 (槽数X槽宽X间距)	T-slot (number of slots X slot width X spacing)	mm	5X18X100
工作台左右行程 (X轴)	Work table left and right stroke (X axis)	mm	700
工作台前后行程 (Z轴)	Worktable front and rear stroke (Z axis)	mm	810
主轴箱上下行程 (Y轴)	Headstock up and down stroke (Y axis)	mm	700
主轴中心线至工作台 中心距离(立式)	Spindle center line to table center distance (vertical)	mm	0~810
主轴端面至工作台面距离 (立式)	Spindle end to work surface distance (vertical)	mm	-10~690
主轴中心线至工作台面 距离(卧式)	Spindle center line to work surface distance (horizontal)	mm	50~750
主轴端面至工作台中心 距离(卧式)	Spindle end to table center distance (horizontal)	mm	-130~680
主轴锥孔维度号	Spindle taper dimension number		BT40
主轴转速	Spindle speed	r/min	20~3000
主电机功率 额定 最大	main motor power	kw	7.5/11 15
快速移动速度(X、Y、Z)	Fast moving speed (X, Y, Z)	mm/min	2400
进给速度(X、Y、Z)	Feed rate (X, Y, Z)	mm/min	1~10000
加工中心最小设定单位	Machining center min setting unit	mm	0.001
刀库容量	Tool magazine capacity		30
选刀方式	Tool selection		随机
最大刀具尺寸 直径 长度	Maximum tool size	mm	77/130(相邻无刀) 320/300
最大刀具重量	Maximum tool weight	kg	8
刀具交换时间(刀对刀)	Tool exchange time (knife-to-knife)	s	2.5
转台最大速度	Turntable maximum speed	r/min	5
外形尺寸(长X宽X高)	Dimensions (L X W X H)	cm	365X280X234

项目 Project	单位	HMC630	HMC800
工作台面尺寸（长X宽） Work surface size (length X width)	mm	630X700	800X800
工作台左右行程（X轴） Work table left and right stroke (X axis)	mm	1000	1300
工作台前后行程（Z轴） Worktable front and rear stroke (Z axis)	mm	800	900
主轴箱上下行程（Y轴） Headstock up and down stroke (Y axis)	mm	740	900
主轴端面至工作台中心距离 Spindle end to table center distance	mm	150~950	180~1080
主轴端中心至工作台面距离 Spindle end center to work surface distance	mm	60~800 -80~660	100~1000 0~900
主轴锥孔维度号 Spindle taper dimension number	mm	ISO50	ISO50
主轴转速范围 Spindle speed range		20~6000	20~6000
快速移动速度（X、Y、Z） Fast moving speed (X, Y, Z)	rpm	36/36/30	24
转台最大速度 Turntable maximum speed	m/min	10	10
直线运动坐标的定位精度 Positioning accuracy of linear motion coordinates	mm	0.012	0.012
直线运动坐标的重复定位精度 Repeated positioning accuracy of linear motion coordinates	mm	0.008	0.008
刀库容量 Tool magazine capacity	把	24	40
换刀时间 Tool change time	s	2.5	5.5
刀具最大重量 Tool weight	kg	18	25
刀具最大直径 Maximum diameter of the tool	mm	112	125
刀具最大长度 Maximum length of tool	mm	320	350
主电机功率 main motor power	kw	15/18	18/25
主轴最大扭矩 Spindle maximum torque	N.m	141	141
机床外形尺寸（长X宽X高） Machine size (length X width X height)	cm	380X270X275	500X370X395

卧式加工中心性能特点：

底座采用流行倒"T"型布局，整体结构刚性高。全行程不产生颠覆力矩。底座铸件用高精度五面龙门加工，只需一次装夹即可完成五面的铣削、钻孔、攻丝，减少了装夹误差，提高了加工精度。丝杠采用成组60°角接触球轴承，双支撑并进行预拉伸，确保传动精度。采用高频淬火滑动导轨或重载高精度滚柱导轨，能够承受大负荷切削，具有良好的减震性。采用台湾高精度主轴，并带有主轴气幕保护装置，确保主轴精度稳定，寿命长。数控回转工作台、分度工作台、交换工作台可选。

Horizontal machining center performance characteristics:

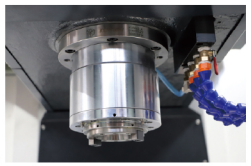
- The base adopts the popular inverted "T" type layout, and the overall structure is rigid. The whole stroke does not produce a subversive moment.
- The base casting is machined with high-precision five-sided gantry, which can complete five-sided milling, drilling and tapping in one setup, reducing the clamping error and improving the machining accuracy.
- The lead screw adopts a group of 60° angular contact ball bearings, double support and pre-stretching to ensure the transmission precision. It adopts high-frequency quenching sliding guide rail or heavy-duty high-precision roller guide rail, which can withstand heavy load cutting and has good shock absorption.
- Adopt Taiwan high-precision spindle with spindle air curtain protection device to ensure stable spindle accuracy and long life
- CNC rotary table, indexing table, exchange table optional

立式加工中心
Vertical Machining Center

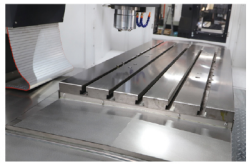
VMC1060/1160/1270/1370/1580 1690/1890/20100











加工中心特点：

机床主要大件:底座、工作台、立柱、床鞍、主轴箱均采用优质树脂砂造型、高强度优质铸铁，具有完善的热处理工艺过程来消除残余应力，并布置足够的加强筋板，保证整机具有足够的强度、刚性和高稳定性;

采用台湾原装重载线性导轨，刚性强、动态精度佳;

三轴传动采用台湾产研磨双螺母滚珠丝杆，结构紧凑、运动平稳、精度高;

高刚性台湾产主轴，采用润滑脂润滑，可使主轴轴承得到恒定和可靠的润滑;

底座采用铸件大水盘结构，防水性能好

Features of machining center :

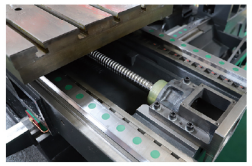
- The main large parts of the machine: the base, work table, column, bed saddle and headstock are made of high-quality resin sand, high-strength high-quality cast iron, complete heat treatment process to eliminate residual stress, and enough reinforcing ribs to ensure the whole The machine has sufficient strength, rigidity and high stability;
- Adopting Taiwan original heavy-duty linear guide rail, it has strong rigidity and good dynamic precision;
- The three-axis transmission adopts Taiwan-made grinding double nut ball screw, which has compact structure, stable movement and high precision;
- The highly rigid Taiwanese spindle is lubricated with grease to provide constant and reliable lubrication of the spindle bearings;
- The base adopts a large water tray structure for casting, which has good waterproof performance.

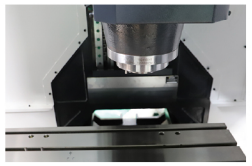
项目	Project	单位	VMC1060	VMC1160	VMC1270	VMC1370	VMC1580	VMC1690	VMC1890	VMC20100
X轴行程	X-axis travel	mm	1000	1100	1200	1300	1500	1600	1800	2000
Y轴行程	Y-axis travel	mm	600	600	700	700	800	900	900	1000
Z轴行程	Z-axis travel	mm	600	600	600	700	700	700	800	800
工作台尺寸	Table size (L×D)	mm	1200×600	1200×600	1300×700	1360×700	1700×800	1800×900	2000×900	2200×1000
工作台最大承重	Maximum table load	kg	800	1000	1200	1400	1500	1500	1600	1800
T型槽(槽数×宽度×间距)	T-slot	mm	5×18×120	5×18×125	5×18×125	5×22×140	5×22×135	5×22×165	5×22×165	5×22×185
主轴锥孔	Spindle taper		BT40	BT40	BT50/BT40	BT50/BT40	BT50	BT50	BT50	BT50
主轴功率	Spindle power	KW	11/15	11/15	11/15	15/18.5	15/18.5	18.5/22	22/26	22/26
主轴最大转速	Maximum spindle speed	rpm	8000	8000	8000	8000	6000/8000	6000/8000	6000/8000	6000/8000
快速移动(X/Y)	Rapid traverse(X/Y)	mm/min	36/36/24	36/36/24	24/24/12	24/24/12	15000	15000	15000	15000
快速移动(Z)	Fast-moving(Z)	mm/min	18000	18000	16000	16000	12000	12000	12000	12000
切削进给	Cutting feed	mm/min	1-8000	1-8000	1-5000	1-5000	1-5000	1-5000	1-5000	1-5000
进给电机	Feed motor	NM	20/20/20	20/20/20	25/25/25	25/25/25	25/32/25	32/40/32	32/40/32	27/30/30
主轴鼻端至工作台面距离	Spindle nose to table	mm	130-680	140-740	140-700	160-860	170-800	170-800	160/900	160-900
主轴中心至立柱导轨面距离	Spindle center to column surface distance rail	mm	650	650	780	780	810	950	950	1050
最大刀具直径(相邻/空刀)	Maximum tool diameter	mm	Φ78/Φ120	Φ78/Φ120	Φ112/Φ200	Φ112/Φ200	Φ112/Φ200	Φ112/Φ200	Φ112/Φ200	Φ112/Φ200
最大刀具长度	Maximum table length	mm	300	300	300	300	300	300	300	300
最大刀具重量	Maximum table weight	kg	8	8	18	18	18	18	18	18
定位精度	Positioning accuracy	mm	±0.0075	±0.0075	±0.0075	±0.0075	±0.01	±0.01	±0.01	±0.01
重复定位精度	Repeat accuracy	mm	±0.005	±0.005	±0.005	±0.005	±0.0075	±0.0075	±0.0075	±0.0075
机床重量	Machine weight.(about)	kg	6900	7000	9500	10000	13000	14000	15000	17000
外形尺寸	Dimensions	mm	3200×2400×2800	3400×2480×2960	3400×2480×2960	3870×3165×2920	4300×3200×3100	4500×3350×3200	5100×3800×3200	5300×3900×3300

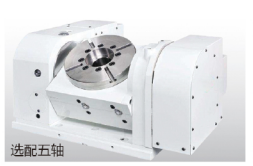
立式加工中心
Vertical Machining Center

VMC1050/1055/960/860/855/850 840/650/600/550

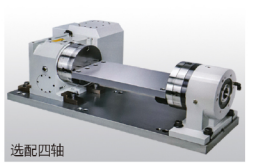








选配五轴



选配四轴

标准配置：

- FANUC 0i mf系统
- 机械手24把刀库
- 台湾主轴
- 台湾线轨

选择配置：

- FANUC 0i mf、西门子、台湾新代、广数、三菱数控系统
- 电器柜空调
- 双螺旋排屑器、链式排屑器
- 第四轴、第五轴
- 主轴10000/12000转、主轴油冷机
- 主轴中心出水

Standard configuration :

- FANUC 0i mf system
- 24 disc magazines
- Taiwan Spindle
- Taiwan line rail

Choose configuration :

- Beijing KND, Siemens, Taiwan New Generation, Wide Number, Mitsubishi CNC System
- Electrical cabinet air conditioner
- Double spiral chip conveyor, chain chip conveyor
- Fourth axis, fifth axis
- Spindle oil cooler
- Spindle center outlet

项目	Project	单位	VMC1050/1055	VMC960	VMC855/860	VMC850	VMC840	VMC650	VMC600	VMC550
X轴行程	X-axis travel	mm	1000	900	800	800	800	650	600	550
Y轴行程	Y-axis travel	mm	500/550	600	550/600	500	400	400	380	350
Z轴行程	Z-axis travel	mm	550	700	550/580	500	500	500	450	500
工作台尺寸	Table size (L×D)	mm	1000×500/550	1000×600	1000×550	1000×500	1000×400	900×400	800×300	800×350
工作台最大承重	Maximum table load	kg	800	600	600	500	450	400	300	300
T型槽(槽数×宽度×间距)	T-slot(slot number×width×pitch)	mm	5×18×100	5×18×100	5×18×100	5×18×100	3×18×130	3×18×130	3×16×80	3×18×125
主轴锥孔	Spindle taper		BT40	BT40	BT40	BT40	BT40	BT40	BT40	BT40
主轴功率	Spindle power	KW	7.5/11	7.5/11	7.5/11	7.5/11	5.5/7.5	5.5/7.5	5.5	5.5
主轴最大转速	Maximum spindle speed	rpm	8000	8000	8000	8000	8000	8000	8000	8000
快速移动(X/Y)	Rapid traverse(X/Y)	m/min	24/24/12	48/48/36	48/48/48	48/48/48	48/48/36	48/48/36	20/20/20	20/20/20
切削进给	Cutting feed	mm/min	1-8000	1-8000	1-8000	1-8000	1-8000	1-8000	1-8000	1-8000
主轴鼻端至工作台面距离	Spindle nose to table	mm	130/680	130-800	130-660	130-630	130-630	120/620	100-550	100-600
主轴中心至立柱导轨面距离	Spindle center to column surface distance rail	mm	600	590	590	525	520	481	383	419
最大刀具直径(相邻/空刀)	Maximum tool diameter	mm	Φ78/Φ120	Φ78/Φ120	Φ78/Φ120	Φ78/Φ120	Φ90	Φ90	Φ90	Φ90
最大刀具长度	Maximum table length	mm	300	300	300	300	300	300	300	300
最大刀具重量	Maximum table weight	kg	8	8	8	8	8	8	8	8
定位精度	Positioning accuracy	mm	±0.0075	±0.0075	±0.0075	±0.0075	±0.008	±0.008	±0.008	±0.008
重复定位精度	Repeat accuracy	mm	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005
机床重量	Machine weight.(about)	kg	6700/6900	6700	6000	5600	4200	4000	2600	3000
外形尺寸	Dimensions	mm	3200×2400×2800	2900×2400×2800	2900×2400×2800	2600×2300×2800	2400×2050×2450	2300×1950×2450	1870×1600×2000	2020×1870×2170

XK系列数控铣床

数控铣床性能特点：

机床主要大件:底座、工作台、立柱、床鞍、主轴箱均采用优质树脂砂造型、高强度优质铸铁，具有完善的热处理工艺过程来消除残余应力，并布置足够的加强筋板，保证整机具有足够的强度、刚性和高稳定性；采用台湾原装重载线性导轨，刚性强、动态精度佳；三轴传动采用台湾产研磨双螺母滚珠丝杆，结构紧凑、运动平稳、精度高；高刚性的台湾产主轴，采用润滑脂润滑，可使主轴轴承得到恒定和可靠的润滑；底座采用铸件大水盘结构，防水性能好。

CNC milling machine performance characteristics:

The main large parts of the machine: the base, work table, column, bed saddle and headstock are made of high-quality resin sand, high-strength high-quality cast iron, complete heat treatment process to eliminate residual stress, and enough reinforcing ribs to ensure the whole The machine has sufficient strength, rigidity and high stability;Adopting Taiwan original heavy-duty linear guide rail, it has strong rigidity and good dynamic precision;The three-axis transmission adopts Taiwan-made grinding double nut ball screw, which has compact structure, stable movement and high precision;The highly rigid Taiwanese spindle is lubricated with grease to provide constant and reliable lubrication of the spindle bearings;The base adopts a large water tray structure for casting, which has good waterproof performance.




XK5032


XK6132

主要技术参数	MAIN TECHNICAL DATA	单位	XK7136	XK7132	XK7130	XK7126
X轴行程	X-axis travel	mm	900	620	550	450
Y轴行程	Y-axis travel	mm	360	340	320	260
Z轴行程	Z-axis travel	mm	500	500	400	380
主轴端面至工作台面距离	Spindle nose to table	mm	100-600	100-600	50-450	50-430
主轴中心至立柱导轨面距离	Spindle center to column surface distance	kg	460	360	340	330
快速移动（X/Y/Z）	Rapid traverse (X/Y/Z)	mm/min	6000/6000/4000	6000/6000/4000	6000/6000/4000	6000/6000/4000
切削进给速度	Cutting feed rate	mm/min	1-10000	1-6000	1-6000	1-6000
工作台尺寸	Table size	mm	1250×360	900×320	800×300	800×240
工作台最大承重	Maximum table load	kg	400	400	350	200
主轴转速	Spindle speed	rpm	8000	8000	6000	3000
主轴电动机功率	Main motor power	kw	5.5	3.7	3.7	3
主轴锥度	Spindle taper		BT40	BT40	BT40	BT30
定位精度	positioning accuracy	mm	0.02	0.02	0.02	0.02
重复定位精度	Repeat accuracy	mm	0.015	0.015	0.015	0.015
机床重量	Machine weight	kg	2800	2500	2000	1100
外形尺寸	Dimensions	mm	2380×1900×2350	2300×1800×2300	1500×1800×2300	1200×1500×2100

主要技术参数	MAIN TECHNICAL DATA	单位	XK6140	XK6132	XK5040	XK5032
工作台尺寸	Table size	mm	1700×400	1320×320	1700×400	1320×320
工作台行程(X/Y/Z)	Table travel(X/Y/Z)	mm	920×380×350	800×350×280	920×350×450	800×280×350
工作台T型槽(槽数×宽度×间距)	T-slot(number×width× pitch)	mm	3-18-90	3-18-70	3-18-90	3-18-70
主轴锥度	Spindle taper		ISO50	ISO50	ISO50	ISO50
工作台最大承重	Maximum table load	kg	500	320	500	320
主轴端面至工作台面距离	Spindle nose to table	mm	30-410	20-370	50-500	40-390
主轴中心至立柱导轨面距离	Spindle center to column surface distance rail	mm	275-625	225-505	450	350
快速进给移动(X/Y/Z)	Rapid traverse (X/Y/Z)	mm/min	6000/3000/6000	6000/3000/6000	6000/6000/3000	6000/6000/3000
进给移动速度(X/Y/Z)	Feed movement speed (X/Y/Z)	mm/min	6-3200/3-1600/6-3200	6-3200/3-1600/6-3200	6-3200(3-1600)	6-3200(3-1600)
主轴行程	Spindle stroke	mm			85	70
立铣头最大回转角度	Maximum swivel milling head	°			±45°	±45°
主轴转速范围	Spindle speed range	rpm	30-1500(18级)	30-1500(18级)	30-1500(18级)	30-1500(18级)
主轴电机功率	Spindle motor power	kw	11	7.5	11	7.5
纵横向进给电机扭矩(X、Y)	Vertical and horizontal feed motor torque (X/Y)	N.m	12	12	12	12
垂向进给电机扭矩(Z)	Vertical feed motor torque (Z)	N.m	22	22	22	22
主轴最大扭矩	Maximum spindle torque	N.m	1000	1000	1000	1000
外形尺寸(L×W×H)	Dimensions(L×W×H)	mm	2310×2200×2394	1929×2055×1960	2310×2200×2394	1929×2055×1960
整机重量(约)	Total weight	kg	4250	2800	3850	2800