

VMTCNC®

To upgrade the global CNC manufacturing
助力全球智能制造的升级



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- Professional Manufacturer -

VMTCNC

—CNC Machines

Catalog
-2024-



池州市豪迈数控机床有限公司
WMT CNC Industrial Co.,Ltd

ABOUT US 关于我们

池州市豪迈数控机床有限公司及其旗下的池州豪迈机电贸易有限公司位于安徽省池州贵池高新区科技园内，一期占地面积 15000 平米，总投资 8000 万人民币，是国内专业生产立式加工中心、龙门加工中心、数控铣床、数控斜车、数控平车、车削加工中心等数控设备的高新技术企业，为全球的汽车产业、航空航天、电子等行业提供值得信赖的加工母机。

公司通过了 ISO9001:2000 国际质量体系认证，产品已通过 CE 认证。产品的主要功能部件均采用如日本、台湾及德国等世界知名品牌产品，凭借着先进的加工和检测设备，科学的管理、历经千百次改进，品质稳定，信赖可靠。已与美国、欧洲、南美、东南亚等 100 多个国家和地区的企业建立了长期合作关系。产品实行终身维修服务，免费为用户提供技术培训和 24 小时售后服务。

竭诚欢迎新老客户通力合作，共创辉煌。

WMT CNC Industrial Co., Ltd. are located in the Science and Technology Park of Guichi High-Tech Zone, Chizhou, Anhui Province, with an area of 15,000 square meters in the first phase and a total investment of 80 million RMB. It is a high-tech enterprise specializing in the production of vertical machining centers, double column machining centers, CNC milling machines, CNC slant-bed lathes, CNC flat-bed lathes, turning centers, and other CNC equipment in China, providing reliable machining mother machines for the lines of automotive industry, aerospace industry, and electron industry, etc. in the whole world.

We have passed ISO9001:2000 Quality System Certification and CE certifications. Main functional components of products are from well-known brands in the world such as Japan, Taiwan, and Germany. With advanced processing and testing equipment, scientific management, and thousands of improvements, our quality is very stable and reliable. We have established long-term cooperation and service with enterprises in over 100 countries and regions such as the United States, Europe, South America and Southeast Asia etc. We provide lifetime maintenance service, free technical training and 24-hour online service always.

We sincerely welcome new and old customers to cooperate with us and strive for a brilliant future together.



COMPANY HONOR 公司荣誉

Company Mission 公司使命

To upgrade the global CNC manufacturing.
助力全球智能制造的升级

Company Vision 企业愿景

By adhering to the concept of "not to be bigger, but must be more refined" and become the first-choice manufacturer and service provider of precision mold and parts processing equipment in the world.
豪迈秉承“不求做大只求做精”的理念，成为全球精密模具零件加工设备的首选制造商和服务商



高速加工中心

High Speed Machining Center

轻量化、高速度、高效率 Lightweight, high speed, high efficiency

新一代设计机床，具备较强的动态响应能力，在有色金属的加工尤其是小孔加工、短行程加减速加工、小线段的曲面拐角加工上游卓越的效率和精度表现。

大功率高转速
主轴转速 12000rpm 下的加工特性对比：

- (1) 电主轴提供高出近十倍的额定扭矩（电主轴 10.7NM，机械主轴 1.19NM），更高的切削能力。
- (2) 电主轴可以长时间工作在 12000 转，且振动小，热延伸小，加工精度高，产品有更好的表面质量。

The new generation design machine tool has strong dynamic response ability, and has excellent efficiency and precision in the processing of nonferrous metals, especially small hole processing, short-stroke acceleration and deceleration processing, and surface corner processing of small line segments.

High power and high speed
Comparison of machining characteristics at a spindle speed of 12000rpm:

- (1) The electric spindle provides nearly ten times higher rated torque (electric spindle 10.7NM, mechanical spindle 1.19NM), and higher cutting capacity
- (2) The electric spindle can work at 12,000 rpm for a long time, with small vibration, small thermal extension, high machining accuracy, and better surface quality of the product.



V8D



E8

更大的加工范围 Larger processing range



缸体缸盖
Cylinder cylinder head
轮毂
Wheel

更高的加工稳定性 Higher processing stability



航空结构件
Aviation structural parts
3C 电子产品
3C electronic products

更快的动态响应能力 Faster dynamic response



半导体模具
Semiconductor mold
喷丝板
Spinneret

更强的金属去除能力 Enhanced Metal Removal Capabili



新能源汽车 ABS 阀体
New energy vehicle ABS valve body
散热器壳体
Radiator housing

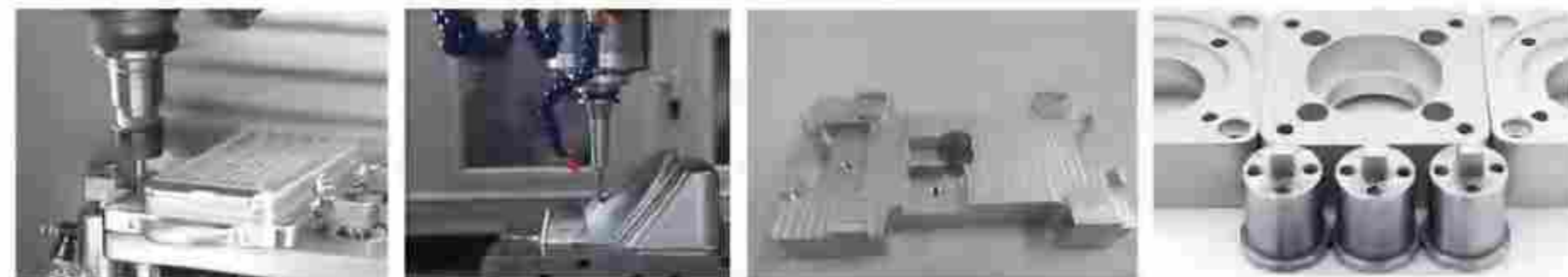
参数	Specification	V8D	V10D	V11D	V12D	E8	E10	E11	E12
工作台 Worktable									
工作台面积 (长 x 宽)	Worktable size(LxW)	500×1000mm	500×1100mm	600×1200mm	600×1300mm	500×1000mm	500×1100mm	600×1200mm	600×1300mm
T 型槽 (数量 x 宽度 x 间距)	T-slot size(NxWxD)	5-18×100mm	5-18×100mm	5-18×100mm	5-18×100mm	5-18×100mm	5-18×100mm	5-18×100mm	5-18×100mm
行程 Travel									
三轴行程	3 axis Travel X/Y/Z	850/550/600mm	1000/550/600mm	1100/650/600mm	1200/650/600mm	850/550/600mm	1000/550/600mm	1100/650/600mm	1200/650/600mm
加工范围 Machining range									
主轴中心至立柱导轨距离	Distance from spindle center to column	597mm	597mm	697mm	697mm	597mm	597mm	697mm	697mm
主轴端面至工作台距离	Distance from spindle end to work table	120-720mm	120-720mm	120-720mm	120-720mm	120-720mm	120-720mm	120-720mm	120-720mm
主轴 Spindle									
主轴孔锥度	Spindle hole taper	BT40	BT40	BT40	BT40	BBT40	BBT40	BBT40	BBT40
主轴功率	Spindle power	7.5/11kw	7.5/11kw	7.5/11kw	7.5/11kw	16/18.5kw	16/18.5kw	16/18.5kw	16/18.5kw
最高转速	Max.spindle speed	12000rpm	12000rpm	12000rpm	12000rpm	16000rpm	16000rpm	16000rpm	16000rpm
进给 Feed									
最高进给速度	Max.feed speed	12000m/min	12000m/min	12000m/min	12000m/min	12000m/min	12000m/min	12000m/min	12000m/min
快速移动速度 (X/Y/Z)	Rapid feed speed(X/Y/Z)	48/48/36m/min	48/48/36m/min	36/36/32m/min	36/36/32m/min	48/48/36m/min	48/48/36m/min	36/36/32m/min	36/36/32m/min
刀库 Tool magazine									
刀库容量	Tool magazine capacity	24T	24T	24T	24T	24T	24T	24T	24T
换刀时间 (T-T)	Tool change time	2.5s	2.5s	2.5s	2.5s	2.5s	2.5s	2.5s	2.5s
定位精度 (国家标准) Positioning accuracy(GB standard)									
定位精度 (X/Y/Z)	Positioning accuracy(X/Y/Z)	0.008mm	0.008mm	0.008mm	0.008mm	0.008mm	0.008mm	0.008mm	0.008mm
重复定位精度 (X/Y/Z)	Re-positioning accuracy(X/Y/Z)	0.004mm	0.004mm	0.004mm	0.004mm	0.004mm	0.004mm	0.004mm	0.004mm
外形尺寸 Machine dimension									
长 × 宽 × 高	L×W×H	2250×2500×2600mm	2650×2500×2600mm	2940×2500×2600mm	2940×2500×2600mm	2250×2500×2600mm	2650×2500×2600mm	2940×3010×2960mm	2940×3010×2960mm
重量 Machine weight									
工作台最大承载重量	Max.loading of worktable	600kg	600kg	800kg	800kg	600kg	600kg	800kg	800kg
机器重量 (约)	Machine weight	4500kg	4800kg	5000kg	5200kg	4500kg	4800kg	5000kg	5200kg

立式加工中心

Vertical Machining Center

通用模具加工 General mold processing

工件 FINISHED WORKPIECES



随机附件:

- ①全封闭防护罩
- ②台湾主轴 8000 转
- ③圆盘式刀库 24 把 (VMC600L/VMC650L除外)
- ④刚性攻丝
- ⑤以太网和 USB 接口
- ⑥自动润滑系统
- ⑦冷却系统
- ⑧ LED 工作灯
- ⑨三色报警灯
- ⑩电子手轮
- ⑪工具箱
- ⑫平行垫铁
- ⑬手持气枪
- ⑭使用说明书

Standard accessories:

- ① Full cover
- ② Taiwan spindle 8000rpm
- ③ 24pcs Disk type tool magazine (Except VMC600L/VMC650L)
- ④ Rigid tapping
- ⑤ Ethernet and USB interface
- ⑥ Automatic lubrication system
- ⑦ Coolant system
- ⑧ LED working lamp
- ⑨ Tri-Color Alarm Light
- ⑩ Electrical handwheel (MPG)
- ⑪ Tool box
- ⑫ Leveling bolts and blocks
- ⑬ Air gun
- ⑭ User manual



VMC600L



VMC1160L

特殊附件:

- ①第四 / 五轴数控转台
- ②台湾主轴 10000 转
- ③直连主轴 12000 转
- ④主轴油冷
- ⑤主轴中央出水
- ⑥工件测量仪
- ⑦对刀仪
- ⑧油雾收集器
- ⑨撇油器
- ⑩排屑机

Optional accessories:

- ① 4th/5th axis CNC rotary table
- ② Taiwan spindle 10000rpm
- ③ Direct drive spindle 12000rpm
- ④ Spindle oil cooler
- ⑤ CTS coolant through spindle
- ⑥ Workpiece probe
- ⑦ Tool probe
- ⑧ Oil mist collector
- ⑨ Oil skimmer
- ⑩ Chain type chip conveyor



VMC850L



VMC1370L

参数	Specification	VMC600L	VMC650L	VMC850L	VMC855L	VMC1050L	VMC1160L	VMC1370L	VMC1580L
工作台 Worktable									
工作台尺寸 (长×宽)	Worktable size (L×W)	800×400mm	900×400mm	1000×500mm	1000×550mm	1000×500mm	1200×600mm	1400×700mm	1600×800mm
T型槽 (数量×宽度×间距)	T-slots size (N×W×D)	3-14x100mm	5-16x75mm	5-18x90mm	5-18x90mm	5-18x90mm	5-18x100mm	5-18x110mm	5-22x135mm
行程 Travel									
行程 (X/Y/Z轴)	X/Y/Z axis travel	600/400/450mm	650/450/500mm	800/500/500mm	800/550/550mm	1000/500/500mm	1100/600/600mm	1300/700/700mm	1500/800/700mm
加工范围 Machining range									
主轴中心至立柱导轨距离	Distance from spindle center to column	550mm	500mm	550mm	595mm	580mm	650mm	750mm	855mm
主轴端面至工作台面距离	Distance from spindle nose to worktable surface	100-550mm	120-620mm	150-650mm	120-670mm	120-620mm	120-720mm	110-810mm	190-890mm
主轴 Spindle									
主轴孔锥度	Spindle taper	BT40	BT40	BT40	BT40	BT40	BT40	BT40	BT40/BT50
主轴功率	Spindle power	5.5kw	5.5/7.5kw	7.5kw	7.5kw	7.5kw	11kw	11kw	11/15kw
最高转速	Max. spindle speed	8000rpm	8000rpm	8000rpm	8000rpm	8000rpm	8000rpm	8000rpm	8000/6000rpm
进给 Feed									
最高进给速度	Max. feed speed	10m/min	10m/min	10m/min	10m/min	10m/min	10m/min	10m/min	10m/min
快速移动速度 (X/Y/Z)	Rapid feed speed (X/Y/Z)	30/30/25m/min	20/20/12m/min	24/24/20m/min	24/24/20m/min	24/24/20m/min	24/24/20m/min	24/24/20m/min	24/24/20m/min
滚珠丝杆 (直径×导程) Ball screw (diameter×lead)									
X/Y/Z 轴滚珠丝杆	X/Y/Z axis ball screw	3210	4012	4016	4016	4012	4012	4512	5012
刀库 Tool magazine									
刀库容量	Tool magazine capacity	12T/16T(optional)	16T	24T	24T	24T	24T	24T	24T
刀库最大允许长度	Max. length of tool	300mm	250mm	300mm	300mm	300mm	300mm	300mm	300mm
换刀时间	Tool change time	7s/2.5s	7s	1.5s	1.5s	1.5s	1.5s	1.5s	1.5s
定位精度 (国家标准) Positioning accuracy (GB standard)									
定位精度 (X/Y/Z)	Positioning accuracy (X/Y/Z)	±0.005mm	±0.007mm	±0.005mm	±0.005mm	±0.005mm	±0.005mm	±0.008mm	0.01mm
重复定位精度 (X/Y/Z)	Re-positioning accuracy (X/Y/Z)	±0.003mm	±0.005mm	±0.003mm	±0.003mm	±0.003mm	±0.003mm	±0.003mm	±0.008mm
外形尺寸 Machine dimension									
长×宽×高	L×W×H	1900×1700×2240mm	2300×2200×2400mm	2750×2300×2300mm	2800×2300×2300mm	2850×2300×2300mm	3350×2300×2550mm	3200×2540×2600mm	3800×2720×3610mm
重量 Machine weight									
工作台最大承载重量	Max. loading of worktable	300kg	400kg	500kg	600kg	500kg	800kg	1000kg	1500kg
机床重量 (约)	Machine weight	3500kg	3800kg	5300kg	5500kg	5400kg	6200kg	8200kg	13000kg

数控铣床

CNC Milling Machine

随机附件

- ①全封闭防护罩
- ②台湾主轴 8000 转
- ③斗笠式刀库
- ④刚性攻丝
- ⑤以太网和 USB 接口
- ⑥自动润滑系统
- ⑦冷却系统
- ⑧ LED 工作灯
- ⑨三色报警灯
- ⑩电子手轮
- ⑪工具箱
- ⑫平衡垫铁
- ⑬手持气枪
- ⑭使用说明书

Standard accessories

- ① Full cover
- ② Taiwan spindle 8000rpm
- ③ Umbrella type tool magazine
- ④ Rigid tapping
- ⑤ Ethernet and USB interface
- ⑥ Automatic lubrication system
- ⑦ Coolant system
- ⑧ LED working lamp
- ⑨ Tri-color alarm light
- ⑩ Electrical handwheel (MPG)
- ⑪ Tool box
- ⑫ Leveling bolts and blocks
- ⑬ Air gun
- ⑭ User manual

特殊附件

- ①第四轴数控分度头
- ②主轴 10000 转
- ③主轴油冷
- ④电气柜热交换器
- ⑤对刀仪
- ⑥排屑机

Optional accessories

- ① 4th axis dividing head
- ② Spindle speed 10000rpm
- ③ Spindle oil cooler
- ④ Heat exchanger of electric cabinet
- ⑤ Tool probe
- ⑥ Chain type chip conveyor



第四轴
4th Axis (Optional)



第五轴
5th Axis(optional)



XH7122

XH7126



XH7132

XH7136



参数	Specification	XH7122	XH7126	XH7132	XH7136
工作台	Worktable				
工作台尺寸 (长 x 宽)	Worktable size(LxW)	700x210mm	800x260mm	800x320mm	1250x360mm
T型槽 (数量 x 宽度 x 间距)	T-slot (N/WxD)	5-18x100mm	3-16x75mm	3-16x100mm	3-18x80mm
行程	Travel				
X/Y/Z 轴行程	XY/Z axis travel	360/260/440mm	450/320/450mm	600/400/450mm	900/350/500mm
加工范围	Machining range				
主轴中心到立柱的距离	Distance from spindle center to column	270mm	360mm	400mm	460mm
主轴端面到工作台表面的距离	Distance from spindle nose to worktable surface	75-520mm	90-540mm	100-550mm	100-600mm
主轴	Spindle				
主轴锥度	Spindle taper	BT30	BT40	BT40	BT40
主轴功率	Spindle power	2.2kw-3.7kw	3.7kw	5.5kw	5.5kw
最大主轴转速	Max.spindle speed	8000rpm	8000rpm	8000rpm	8000rpm
进给	Feed				
最大进给速度	Max.feed speed	18m/min	10m/min	10m/min	10m/min
快速移动速度 (X/Y/Z)	Rapid feed speed(X/Y/Z)	10/10/10/min	15/15/15m/min	20/20/18m/min	10/10/8m/min
功率	Power				
进给伺服电机扭矩 (X/Y/Z 轴)	AC servo motor torque(X/Y/Z)	6/6/6N.m	6/6/15N.m	7.7/7.7/15N.m	7.7/7.7/15N.m
X/Y/Z 轴进给电机功率	XY/Z feed motor power	0.75/0.75/1kw	1/1/2kw	1.5/1.5/2kw	1.5/1.5/2kw
额定功率	Rated power	4.5kw	8kw	11kw	11kw
滚珠丝杠 (直径 x 导程)	Ball screw (diameter x lead)				
X/Y/Z 轴滚珠丝杠	XY/Z axis ball screw	2505	2510	3210	X-3206,YZ-4006
刀库	Tool magazine				
刀库容量	Tool magazine capacity	8T/12T(optional)	12T	12T/16T(optional)	16T
刀具最大长度	Max.length of tool	175mm	200mm	200mm	200mm
换刀时间 (T-T)	Tool change time(T-T)	7s	7s	7s	7s
定位精度 (国家标准)	Positioning accuracy (GB standard)				
定位精度 (X/Y/Z)	Positioning accuracy (X/Y/Z)	±0.02mm	±0.02mm	±0.01mm	±0.02mm
重复定位精度 (X/Y/Z)	Re-positioning accuracy(X/Y/Z)	±0.01mm	±0.01mm	±0.005mm	±0.01mm
机器尺寸	Machine dimension				
长 x 宽 x 高	LxWxH	1470x1550x2080mm	2100x1850x2250mm	2200x1950x2300mm	3000x2150x2450mm
重量	Machine weight				
工作台最大承载重量	Max.loading of worktable	200kg	200kg	300kg	350kg
机床重量 (约)	Machine weight	1300kg	2200kg	2400kg	3500kg

数控铣床

CNC Milling Machine



XK7124



三色灯
Tricolor light



电主轴
Electric spindle



8把斗笠式刀
8pcs umbrella type tool magazine

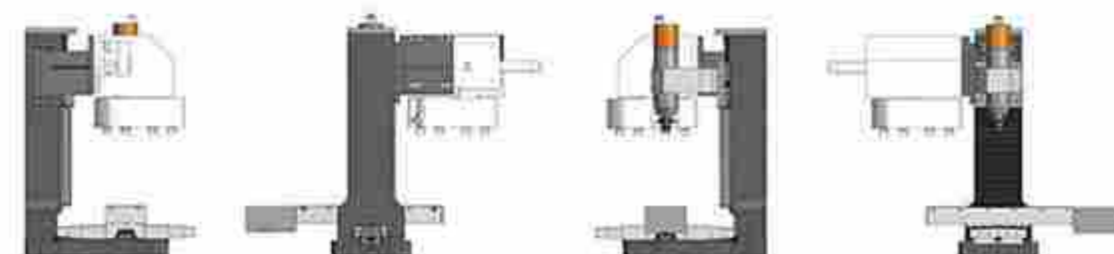


第四轴
4th axis (Optional)



XK7116

XK7116 光机示意图 Machine Frame



性能特点 Features:

- ◆用于箱体零件、壳体零件、盘形零件的加工。
- ◆立柱导轨为燕尾贴塑导轨，刚性好、稳定性强、承载力大。
- ◆主轴气动打刀装置。
- ◆ Used for machining box parts, shell parts, disc-shaped parts.
- ◆ Dovetail guideway with plastic sticking, high rigidity, high stability and strong support.
- ◆ Pneumatically tool clamping.

参数	Specification	XK7116	XK7124
工作台			
工作台尺寸 (长 x 宽)	Worktable size(LxW)	600x163mm	800x240mm
T型槽 (数量 x 宽度 x 间距)	T-slot (N×W×D)	3-12x50mm	3-16x60mm
行程			
行程 (X/Y/Z)	X axis travel(X/Y/Z)	350/160/400mm	425/245/530mm
加工范围			
主轴轴线至立柱导轨距离	Spindle center to column distance	161mm	N/A
主轴端面至工作台面距离	Distance from spindle nose to worktable surface	476.4mm	105-635mm
主轴			
主轴孔锥度	Spindle taper	BT30	BT30
主轴功率	Main motor power	3.7kw	3.7kw
主轴冷却方式	Coolant system	liquid cooling	N/A
主轴换刀类型	Change tool way	Pnumetic	Pnumetic
快速移动速度 (X/Y/Z)	Rapid feed speed(X/Y/Z)	8/8/8 m/min	10/10/10 m/min
主轴最高转速	Max.spindle speed	18000rpm	6000rpm
进给			
进给伺服电机扭矩 (X/Y/Z)	AC servo motor torque (X/Y/Z)	2.4n.m/2.4n.m/4n.m	N/A
滚珠丝杠 (直径+导程)			
XY轴导轨	XY Linear guideway	(Taiwan HIWIN)15mm	N/A
Z轴导轨	Z linear guideway	(Taiwan HIWIN)20mm	N/A
X轴滚珠丝杠	X axis ball leadscrew	(Taiwan TBI)1605	2506
YZ轴滚珠丝杠	YZ axis ball leadscrew	(Taiwan TBI)2005	2506
刀架			
刀架类型	ATC Type	Umbrella type	Umbrella type
刀架容量	Capacity of ATC	8T	12T
功率			
空压机压力	Air compressor pressure	12L	N/A
润滑油容量	Lubricating pump capacity	1L	1L
工作灯功率	Working light	10w	10w
水泵功率	Cooling pump	40w	40w
数控系统	Controller system	After18/GSK980MDc/Siemens 808Da	After18/GSK980MDc/Siemens 808Da
尺寸			
外形尺寸 (长 x 宽 x 高)	Machine size (LxWxH)	1820x1140x2100mm	1540x1300x1960mm
机器重量	Machine weight	900kg/1000kg	600kg/750kg

随机附件

- ①数控 After 系统
- ②半防护罩 (仅限 XK7124)
- ③ 8把斗笠式刀库仅限 XK7116)
- ④冷却系统
- ⑤自动润滑系统
- ⑥ LED 工作灯
- ⑦三色报警灯
- ⑧电子手轮
- ⑨工具箱
- ⑩使用说明书

Standard accessories

- ① CNC controller After type
- ② Half cover (For XK7124)
- ③ 8 pcs umbrella type tool magazine(For XK7116)
- ④ Coolant system
- ⑤ Auto lubrication system
- ⑥ LED working lamp
- ⑦ Tri-Color Alarm Light
- ⑧ Electrical handwheel (MPG)
- ⑨ Tool box
- ⑩ User manual

特殊附件

- ①数控系统广数 / 西门子
- ② 10/12把斗笠式刀库
- ③第四轴数控分度头

Optional accessories

- ① CNC controller GSK/SEIMENS
- ② 10/12pcs umbrella type tool magazine
- ③ 4th axis dividing head

数控铣床 CNC Milling Machine

教学和金属加工 Educational And Metal Processing



XK7113A

随机附件

- ① 双头扳手
- ② 油壶
- ③ 手轮 (仅 AB 款)
- ④ 内六角扳手
- ⑤ 工具箱及工具
- ⑥ 螺丝刀

Standard accessories

- ① Wrenches
- ② Oil gun
- ③ Handwheel(For A/B)
- ④ Allen wrench
- ⑤ Toolbox with tools
- ⑥ Screw driver

特殊附件

- ① 第四轴数控分度头
- ② 工作灯
- ③ 冷却系统
- ④ 对刀仪
- ⑤ 电子手轮
- ⑥ 绝对值伺服电机
- ⑦ 广数 / 西门子系统

XK7113C

Optional accessories

- ① 4th axis dividing head
- ② Working lamp (Standard for C/D)
- ③ Coolant system (Standard for C/D)
- ④ Tool probe
- ⑤ Electric handwheel
- ⑥ Absolute servo motor
- ⑦ GSK/Siemens CNC Controller



电主轴
12000rpm electric spindle



带表式对刀仪
Z axis tool setting



电子手轮
Electric handwheel



GSK/ 西门子数控系统

参数	Specification	XK7113A/B	XK7113C	XK7113D
工作台	Worktable			
工作台尺寸 (长 × 宽)	Worktable size (L × W)	400x140mm	400x140mm	400x140mm
T 型槽 (数量 × 宽度 × 间距)	T-slots size (N × W × D)	3-12/40mm	3-12/40mm	3-12/40mm
行程	Travel			
X 轴行程	X axis travel	210mm	210mm	210mm
Y 轴行程	Y axis travel	120mm	120mm	120mm
Z 轴行程	Z axis travel	200mm	200mm	200mm
加工范围	Machining range			
最大钻孔直径	Max. drilling dia.	13mm	16mm	13mm
最大铣削直径	Max. milling dia.	13mm	16mm	13mm
最大攻丝直径	Max. tapping dia.	N/A	M8	N/A
主轴	Spindle			
主轴中心至立柱导轨距离	Distance from spindle center to column	189mm	194mm	200mm
主轴端面至工作台面距离	Distance from spindle nose to worktable surface	205mm	215mm	215mm
主轴转速	Spindle speed	3000rpm	3000rpm	12000rpm
主轴锥度	Spindle taper	ER20	ER25	ER20
主轴功率	Spindle power	400w	1.2kw	2.2kw
主电机类型	Main motor type	Brushless motor	Servo motor	Frequency motor
进给	Feed			
进给电机扭矩 (X/Y/Z 轴)	Feeding motor torque(X/Y/Z)	2.6/2.6/3.2 N.m	2.0/2.0/3.0 N.m	2.0/2.0/3.0 N.m
进给电机类型	Feeding motor type	Stepper motor with open loop	Stepper motor with closed loop, Z axis with brake	Stepper motor with closed loop, Z axis with brake
数控操作系统	CNC controller system	Mach 3	After-CNC 1500MDC	After-CNC 1500MDC
尺寸	Size			
外形尺寸 (长 × 宽 × 高)	Overall size(LxWxH)	590x590x780mm	1150*650*1560mm	1150*650*1560mm
净重 / 毛重	N.W/G.W	90/115kg	310/330kg	310/330kg

XK7113A/B 性能特点 Features:

- ◆ 占地面积小、性价比高
- ◆ 主轴噪音小、精度高
- ◆ 适合加工各类软金属
- ◆ P.C 电脑方便操作
- ◆ 适合教学模型加工
- ◆ DIY 爱好者的最佳选择
- ◆ Small size and cheap price
- ◆ Lower noise and high precision
- ◆ Suitable for soft metal material processing
- ◆ Easy operation by P.C
- ◆ Popular for education training and mould machining
- ◆ Best choice for hobby users

XK7113C 性能特点 Features:

- ◆ 伺服主电机
- ◆ 可以加工铸铁、钢件等硬金属
- ◆ 主轴噪音小、精度高
- ◆ 系统式竖排面板，操作方便稳定
- ◆ 刚性攻丝功能
- ◆ 批量加工、模具制造
- ◆ Servo main motor
- ◆ Suitable for casting and steel processing
- ◆ Low noise and high accuracy
- ◆ Vertical controller panel with easy operation and beauty
- ◆ Rigid tapping function
- ◆ Suitable for mould machining and production in lots

XK7113D 性能特点 Features:

- ◆ 12000rpm 高速电主轴
- ◆ 高速雕刻功能
- ◆ 可以加工铸铁、钢件等硬金属
- ◆ 主轴噪音小、精度高
- ◆ 系统式竖排面板，操作方便稳定
- ◆ 批量加工、雕刻、模具制造
- ◆ 12000rpm high-speed electrical spindle unit
- ◆ With engraving function
- ◆ Suitable for casting and steel processing
- ◆ Low noise and high accuracy
- ◆ Vertical controller panel with easy operation and beauty
- ◆ Suitable for mould machining and production in lots and engraving