

TEST EQUIPMENT 检测设备



深度测量仪

投影仪

采用进口激光干涉仪, 检测机床的定位精度

数字储存示波器

EMC域兼容分析仪

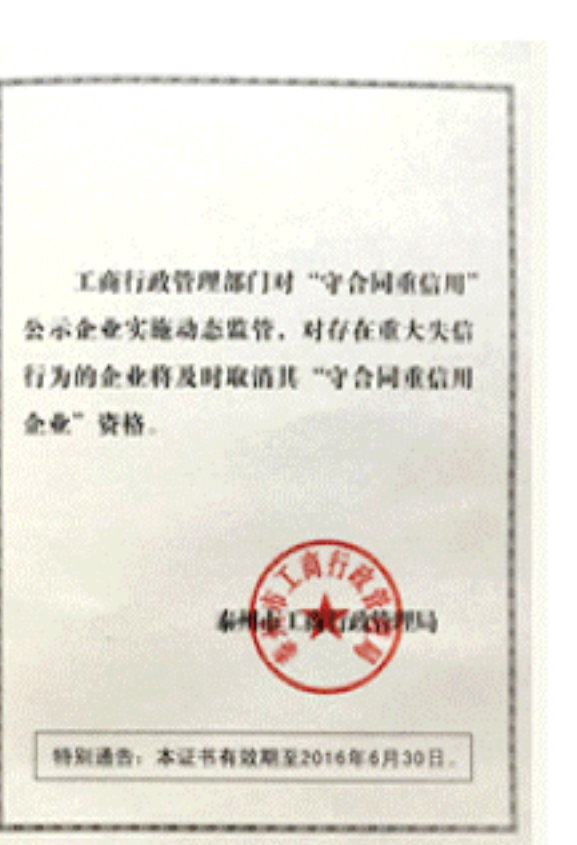
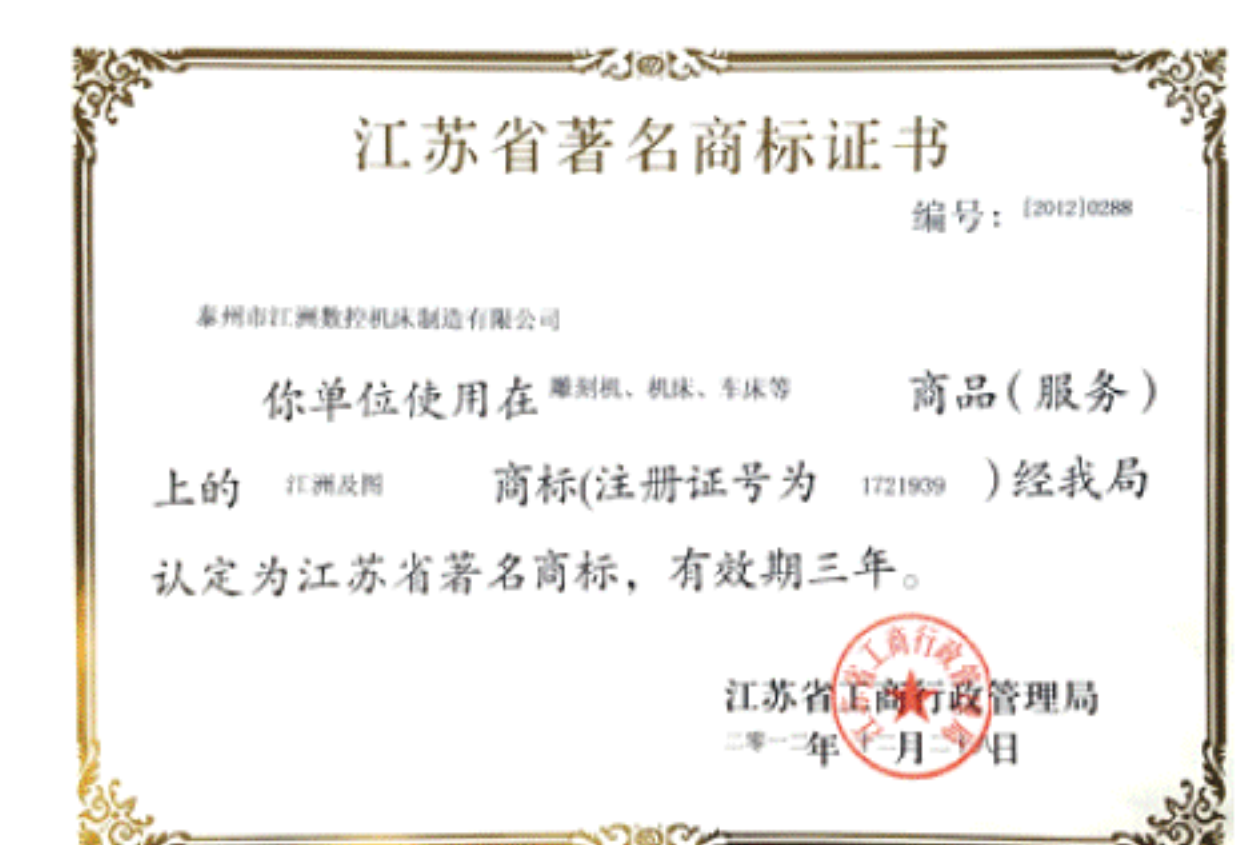
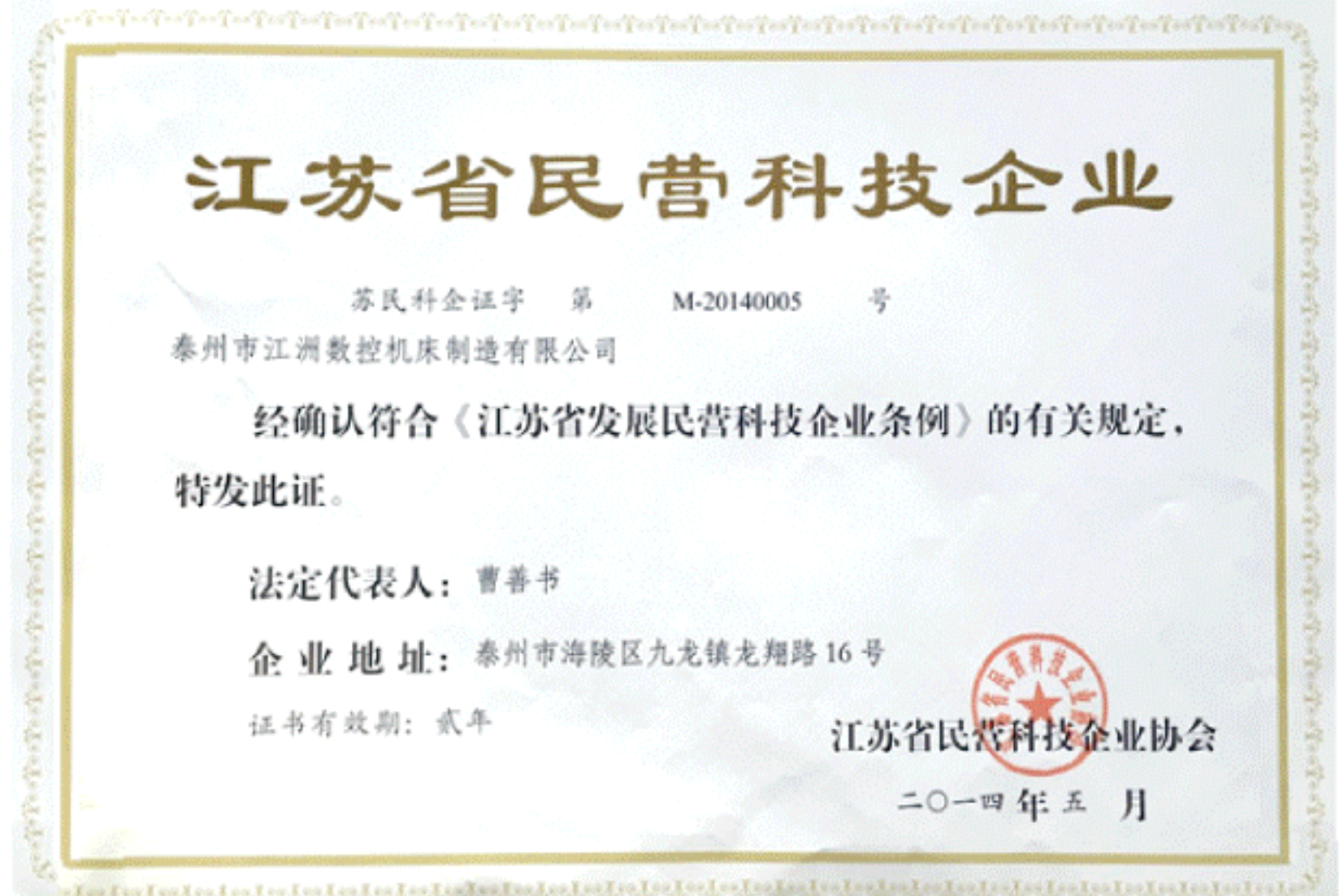
高阻测试仪

逻辑分析仪

Our company is a professional corporation that manufactures CNC wire electrical discharge machine, CNC milling machine and CNC carve-milling machine with the capability to develop, manufacture and design new products.

The major products include: DK77 CNC wire EDM, D71 die sinking EDM, small hole high speed drilling EDM, CNC milling machine, CNC machine center, CNC carve-milling machine, CNC abrasive wire cutting machine. We also produce specialized machines to meet customers' needs. High qualified stuff, scientific management and the unite with research institute of colleges make our every machine tool stable and credible, that can satisfy the processing of every kind of mould and machinery parts.

Our company has passed ISO9001:2008 Quality certification, and CE certification and all products we company produced are sold to more than 20 provinces and cities in domestic market. Our product is exported to Malaysia, Singapore, Korea, Vietnam, Japan, Lebanon, India, Chile, Iran, Thailand, Ukraine, Pakistan, India and Egypt, Russia etc. We provide you with an ex-and estbalish more than 20 service offices in mainland. And we also established sale and after-sales service department in Vietnam, Thailand, Korea, Japan and Russia.



JIANGZHOU NUMERICAL CONTROL

DK77M系列精密数控中走丝电火花线切割机床

DK77M SERIES HIGH PRECISION CNC MEDIUM SPEED WEDM

超越中走丝，替代慢走丝！

Super Medium speed WEDM

■ 主要突出性能指标：

慢走丝机床主体的结构和铸造工艺
最高切割效率 $\geq 200\text{mm}^2/\text{min}$
最佳表面粗糙度 $\leq \text{Ra}0.8\mu\text{m}$
X、Y、U、V、Z五轴均采用台湾上银直线导轨和高精密级双螺母滚珠丝杠
高精度切割 $\leq \pm 2\mu\text{m}$
连续切割10万 mm^2 钼丝损耗 $\leq 0.005\text{mm}$
整机全采用日本进口轴承
整机电器元件均采用德国、日本等进口品牌
控制系统可对X、Y、U、V四轴进行螺距补偿和反向间隙补偿，并可兼容目前市场上主流的驱动软件，带手轮脉冲控制
运丝运动取消老式的行程开关控制，采用编码器直接控制，实现精密定位
采用慢走丝式的自动张丝结构，可随着不同的加工状态，自动调节张丝力度
超低能耗，绿色环保

■ Performance

Main Structure and Casting Technology
Max. Cutting Efficiency $\geq 200\text{mm}^2/\text{min}$
Best Roughness $\leq \text{Ra}0.8\mu\text{m}$
Linear guide and double nut high precise ball screw made in Taiwan are applied to 5 axis
Max. cutting accuracy $\leq \pm 2\mu\text{m}$
Molybdenum wire loss $\leq 0.005\text{mm}$ (continuous cutting hundred thousand mm^2)
Adopt bearings made in Japan
Brands of electrical components are from Germany and Japan
Four axis pitch compensation and backlash compensation can be realized by control system with hand wheel impulse control, which can match with mainstream driver software.
Encoder control takes the place of travel switch, which realize the precision positioning
Adopt automatic tension structure of WEDM-LS, which can automatically adjust tension under different working status
Ultralow energy consumption! Green!



- 机床主体采用高刚性HT300树脂砂铸件制造，机床刚性高，振动小
- 机床整体结构采用慢走丝机型主体结构，机床运行的精度高，稳定性好
- 丝杠采用台湾上银高精度双螺母滚珠丝杠，运行精度高，保证了机床运行的定位精度
- 导轨采用台湾上银高精度直线导轨，运行平稳，响应度高
- 机床主体部分轴承采用日本NSK进口轴承，精度高，使用寿命长
- 机床采用伺服电机或混合步进电机传动，5轴数控，X、Y、U、V四轴联动切割
- 机床电气控制部分自己研发，速度快，光洁度高
- 软件控制部分可对X、Y、U、V四轴进行螺距补偿，解决了大锥度精度低的问题，实现精密切割上下异形件
- 电控柜带手脉控制，控制X、Y、U、V、Z五轴运动
- 电控柜可实时显示X、Y、U、V四轴运动的坐标值
- 电控柜可兼容市面上主流的控制系統，无需额外增加伺服卡和扩展卡

- Adopt HT300 resin sand casting with high rigidity and lower vibration
- Adopt structure of WEDM-LS with high precision and stability
- Adopt double nut high precise Taiwan made ball screw which guarantee the positional accuracy
- Adopt Taiwan made high precision linear guide with high stability and fast responsibility
- Adopt NSK bearing which made in Japan with high precision and long service life
- Adopt servo motor or mixture stepper motor and 5 axis CNC with X,Y,U,V four axis linked cutting
- Developed electrical control with high speed and finish
- Four axis pitch compensation can be realized by software controller, which solves the problem of low accuracy of big taper and makes it possible to cutting different shape of upper and lower
- Hand wheel impulse control can control X,Y,U,V,Z five axis movement
- Controller can real-time display coordinate of motion for X,Y,U,V four axis
- Controller can match with mainstream control system, which no need to add servo cards or expansion cards.



主要技术参数 MAIN TECHNICAL DATA

型号	行程	最大切割厚度	最大切割锥度	电极丝直径	走丝速度	机床净重	机床外形	最大工件尺寸	最大承载重量
Type	Travel (mm)	Max. cutting thickness(mm)	Max.taper	Diameter of Mo. wire	Wire speed(m/min)	Net weight(kg)	Dimension(mm)	Max. size of work-piece(mm)	Max. loading(kg)
DK7725M	320×250	260	±10°/60mm	Φ0.13~Φ0.18	变频调速, 最快600	1500	1730×1650×1900	500×400	250
DK7732M	400×320	260				1700	1900×1750×1900	580×500	350
DK7740M	550×400	360				2200	2200×1860×2200	780×600	500
型号	过滤精度	容量	工作方式	最大切割效率	最佳表面粗糙度	最大加工电流	电源	环境	功率
Type	Filter fineness (mm)	capacity(L)	Manner	Max. cutting efficiency(mm ² /min)	Best surface roughness(μm)	Max. machining current(A)	Power supply(V)	Condition	Power(KVA)
DK7725M	0.005	110	差压式过滤系统	200	Ra≤0.8	6	三相四线380	温度: 10-35°, 湿度: 3%-75%RH	2
DK7732M									
DK7740M									

DK77HA 系列新型中走丝线切割机床

DK77HA SERIES MIDDLE SPEED WIRE EDM



第五轴功能 Fifth axis function

在X、Y、U、V轴基础上增加第五轴。实现工件旋转切割加工。
Add fifth axis based on axis X,Y,U and V. realize cutting rotating workpiece.

■ 往复走丝型

运丝采用变频器实现走丝速度无级调整, 实现低噪音平稳运行。
运丝采用 PLC控制实现变行程往复走丝, 正反向走丝行程任意设定。
实现无条纹切割, 提高加工工件表面质量。

■ Travel changeable type

Realize stepless timing of wire-oylinder by adopting fequency converter. Low noise and stably running.
Realize changeable travel by adopting PLC controller. Forward and backward travel optional setting.
Realize no stripe on workpiece surface after cut out.

主要技术参数 MAIN TECHNICAL DATA

机械项目	单位	DK7732HA	DK7740HA	DK7750HA
ITEM	UNIT			
工作台尺寸 Worktable size(L×W)	mm	390×615	480×720	580×880
工作台XY行程 X,Y axis travel(X×Y)	mm	320×400	400×500	500×600
最大加工厚度Z Max.cut thickness Z	mm	300	300	350
U,V轴行程 U,V travel	mm	60×60		
电极丝直径规格 Wire diameter range	mm	钼丝(Molybdenum wire)Φ0.12~Φ0.18		
走丝速度 Wire feed rate		7档可调		
加工斜度/工件厚度 Taper angle/Workpiece thickness		±6°/60mm		
加工精度 Process accuracy (Vertical)	mm	多次切割(Multi-cut) : 10×10×30四方(Squire)≤0.006 一次切割(One-cut)≤0.012(Multi-cut)八方(Octagon)≤0.009		
加工面粗糙度 Process roughness	Ra.μm	多次切割Multi-cut) : Ra≤1.2 一次切割(One-cut) : Ra≤2.5		
驱动电机 Motor drive system	Axis	步进电机 Stepping motor 或 伺服马达*(选配)AC servo motor*(Option)		
丝杠与导轨 Screws&Guides(X,Y)	x/y	高精密级滚珠丝杠/直线滑动导轨 Precision ball screw/Linear motion guides		
张力系统 Wire tension		精密弹簧自动张紧机构		
工作液/液箱容量 Dielectric coolant Reservoir capacity	L	复合型或水溶性专用液/65L Complex or water-dissolve special coolant/65L		
供电电源 Power supply		AC 3-Φ380V 2KW		
最大工件重量 Max.table carry	kg	300	400	500
主机净重 Net wt.of machine Body	kg	1600	1800	2500
外形尺寸 Machine dimension	mm	1600×1250×2180	1850×1500×2200	2100×1800×2400

DK77H 系列中走丝线切割机床

DK77H SERIES MIDDLE SPEED WIRE EDM



多次切割型 Multi-times cut type

- 采用慢走丝的多次切割加工工艺，智能化参数加工。
采用高效率、高稳定性的高频电源、最高加工效率 $\geq 150\text{mm}^2/\text{min}$ 。
加工质量接近慢走丝水平，最佳表面粗糙度 $Ra1.5\mu\text{m}$ 。
编控系统有HL、HF、AutoCut等供用户选用。
- Adopt technology of low wire speed machine. Intelligente parameter machining.
High efficiency and stability high frequency source which makes Max machining efficiency $\geq 150\text{mm}^2/\text{min}$.
Work performance approaches low wire speed machine. Best surface roughness $Ra1.5\mu\text{m}$.
Have HL、HF、AutoCut control system to meet customers' needs.
Including all functions of Travel changeable type.

主要技术参数 MAIN TECHNICAL DATA

型号 Type	DK7725H	DK7732H	DK7740H	DK7750H	DK7763H	DK7780H
工作台面尺寸 Worktable size (mm)	340×560	380×650	410×710	596×880	720×1260	880×1440
工作台行程 Worktable travel (mm)	250×320	320×400	400×500	500×630	630×800	800×1000
最大切割厚度 Max workpiece height(mm)	300	300	300	400	500/400	500/400
加工锥度(选配) Taper (optional)	6°/80mm	6°/80mm	6°-60°/80mm	6°-60°/80mm	6°-60°/80mm	6°-60°/80mm
最大承载重量 Max workpiece weight(kg)	200	300	450	800	1000	1500
主机重量 Machine weight(kg)	1400	1600	1800	2100	3500	4700
主机外形尺寸 (长×宽×高) Machine dimension (L×W×H)	1500×1100×2140	1600×1250×2180	1850×1500×2100	2100×1800×2400	2360×2250×2550	2700×2300×2600
电能消耗 Power consumption	AC380V/220V 50Hz≤2kW					

DK77HC 豪华智能型中走丝线切割机床

DK77HC SERIES MIDDLE SPEED WIRE EDM



第五轴功能 Fifth axis function

在X、Y、U、V轴基础上增加第五轴。实现工件旋转切割加工。
Add fifth axis based on axis X,Y,U,and V,realize cutting rotating workpiece.
标配电子手轮控制，方便用户调整和操作。

■ 往复走丝型

运丝采用变频器实现走丝速度无极调整，实现低噪音平稳运行。
运丝采用PLC控制实现变形程往复走丝，正反向走丝行程任意设定。
实现无条纹切割，提高加工工件表面质量。

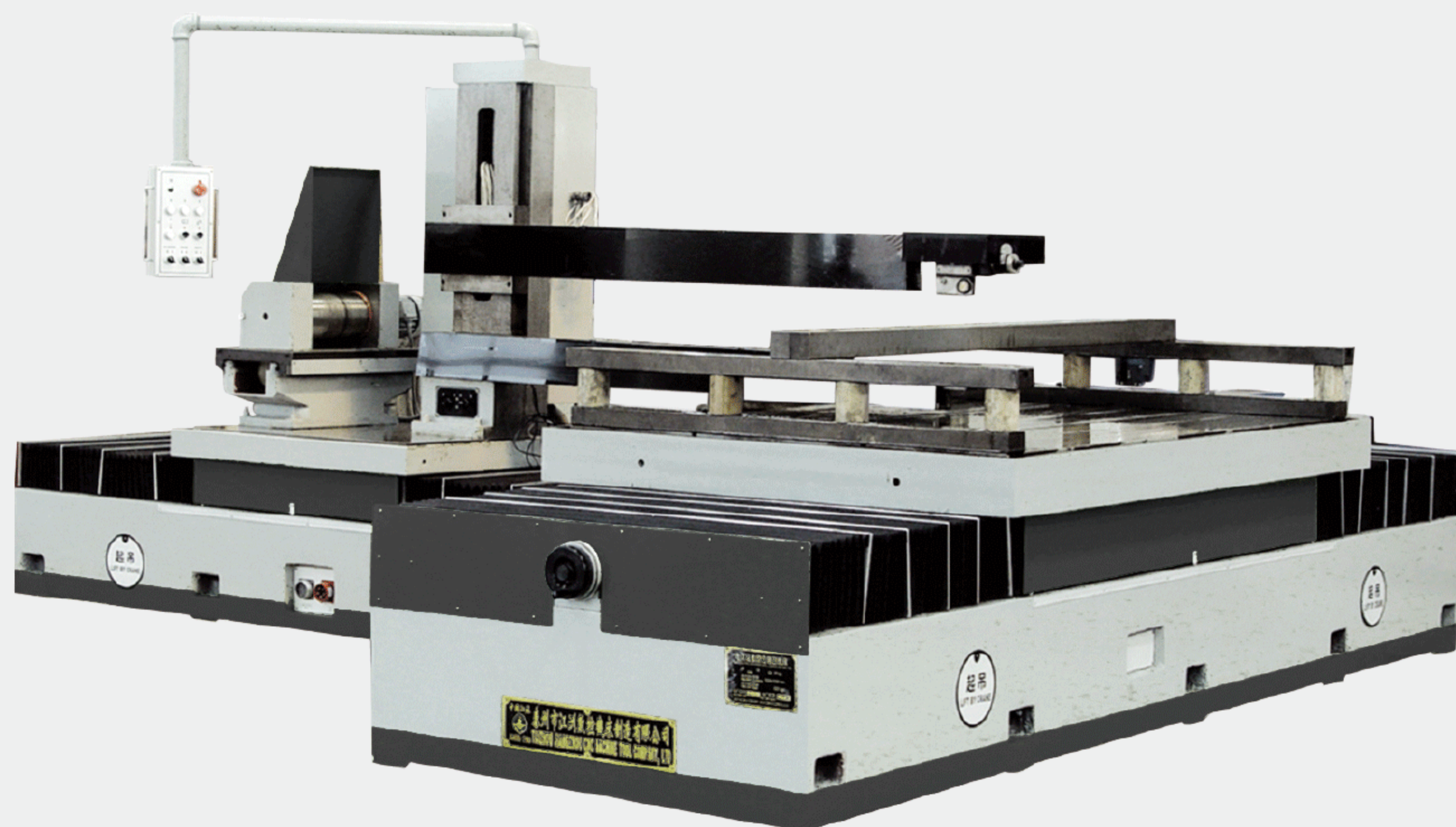
■ Travel changeable type

Realize stepless timing of wire-oylinder by adopting fequency converter.Low noise and stably running.
Realize changeable travel by adopting PLC controller.Forward and backward teavel optional setting.
Realize no stripe on workpiece surface after cut out.

机械项目	单位	DK7732HC	DK7740HC	DK7750HC
ITEM	UNIT			
工作台尺寸 Worktable size(L×W)	mm	370×610	480×720	580×880
工作台XY行程 X,Y axis travel(X×Y)	mm	300×400	400×500	500×600
最大加工厚度Z Max.cut thickness Z	mm	300	300	350
U,V轴行程 U,V travel	mm	60×60		
电极丝直径规格 Wire diameter range	mm	钼丝(Molybdenum wire)Φ0.12~Φ0.18		
走丝速度 Wire feed rate		7档可调		
加工斜度/工件厚度 Taper angle/Workpiece thickness		±6°/60mm		
加工精度 Process accuracy(Vertical)	mm	多次切割(Multi-cut):10×10×30四方(Squire)≤0.006 一次切割(One-cut)≤0.012(Multi-cut)八方(Octagon)≤0.009		
加工面粗糙度 Process roughness	Ra.μm	多次切割(Multi-cut):Ra≤1.2一次切割(One-cut):Ra≤2.5		
驱动电机 Motor drive system	Axis	步进电机 Stepping motor或伺服马达*(选配)AC servo motor*(Option)		
丝杠与导轨 Screw&Guides(X,Y)	x/y	高精密级滚珠丝杠/直线滑动导轨Precision ball screw/Linear motion guides		
张力系统 Wire tension		精密弹簧自动张紧机构		
工作液/液箱容量 Dielectric coolant Reservoir capacity	L	复合型或水溶性专用液/65L Complex or water-dissolve special coolant/65L		
供电电源 Power supply		AC 3-Φ380V 2KW		
最大工件重量 Max.table carry	kg	300	400	500
主机净重 Net wt.of machine Body	kg	1900	2200	2500
外形尺寸 Machine dimension	mm	1800×1150×2120	1950×1350×2150	2100×1500×2300

DK77 系列数控电火花线切割机床

DK77 SERIES CNC WIRE EDM



分体式DK77120

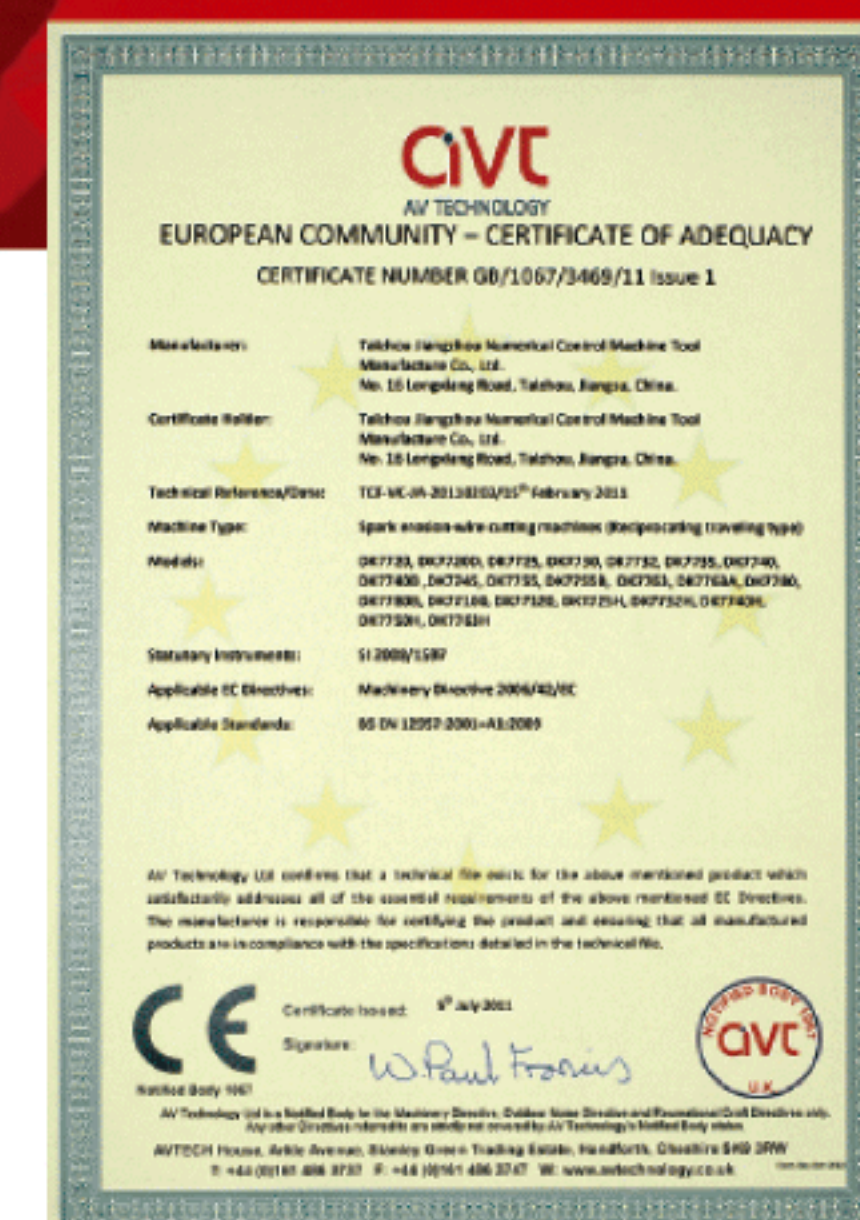


环保型



我公司生产的DK77系列电火花线切割机床,型号齐全,结构合理,刚性好、精度高,高档机床采用精密滚动直线导轨,高立柱选配电动升降调整导轮跨距,生产的摇摆式大锥度系列机床配有电极丝张丝机构,并生产半封闭式环保机床。钼丝直径范围 $\Phi 0.12\text{mm} \sim \Phi 0.18\text{mm}$ (钼丝直径大于 $\Phi 0.18\text{mm}$ 需定制),最大加工速度大于 $100\text{mm}^2/\text{min}$,最佳表面粗糙度 $\leq \text{Ra}2.5\mu\text{m}$ 。具体参数见附后技术参数表。

Our DK77series of CNC WIRE ELECTRICAL-DISCHARGE MACHINES have the following advantages:whole range of different types,reasonable construction, high rigidity, and good machining accuracy.Precision rollinglinear guide rail are adopted for top grade machines. For high vertical column machines electrical up and down motion is used for adjustment of space between two guide wheels. Our swinging typelarge taper series of machines are equipped with constant tensioning devices for wire electrode. Half enclosed environment protecting machines are also manufactured in our company. The range of molybdenum wire is $\Phi 0.12\text{mm}$ to $\Phi 0.18\text{mm}$ (Special type $> \Phi 0.18\text{mm}$ is ordered by customer). The max machining speed is $100\text{mm}^2/\text{min}$. The best surface roughness is $\text{Ra}2.5\mu\text{m}$.



DK77系列数控电火花线切割机床数控柜台

NC CONTROL UNIT OF DK77 SERIES CNC WIRE EDM

我公司线切割机床控制部分有单板机和编控一体两大类，其中编控一体有HF、HL、PM-K等编控系统供选择，编程操作方便，功能强大，同时有台式和立柜两种供选择。

Our NC control unit has two type:SBC control unit and CNC control unit. The CNC control unit has HF,HL,PM-K system etc that are easy to operate and have powerful function. The CNC control unit can match desk and cabinet type.



机床主要技术参数 MAIN TECHNICAL DATA

型号	工作台面尺寸	工作台行程	最大切割厚度	加工锥度(选配)	最大承载重量	主机重量	主机外形尺寸 (长×宽×高)	电能消耗
Type	Worktable size (mm)	Worktable travel (mm)	Max.workpiece height(mm)	Taper(optional)	Max.workpiece weight(kg)	Machine weight(kg)	Machine dimension (L×W×H)	Power consumption
DK7712	200×270	120×160	100		50	600	900×700×1250	AC380V/220V 50Hz ≤2kW
DK7720	270×420	200×250	200	6°/80mm	100	800	1160×880×1400	
DK7730	340×560	300×360	400	6°~12°/80mm	200	1250	1485×1050×1700	
DK7735	380×650	350×450	400	6°~30°/80mm	300	1440	1660×1330×1700	
DK7740	410×710	400×500	400	6°~60°/80mm	450	1600	1830×1490×1700	
DK7740B	450×840	400×630	400	6°~60°/80mm	450	1670	1845×1610×1700	
DK7745	500×750	450×550	400	6°~60°/80mm	450	1650	1865×1520×1700	
DK7755	596×880	550×650	500	6°~60°/80mm	800	2500	2070×1770×1790	
DK7755B	596×1060	550×850	500	6°~60°/80mm	850	2600	2070×1950×1790	
DK7763	790×1260	630×1000	600	6°~60°/80mm	1000	3500	2265×1865×1980	
DK7763A	720×1260	630×1000	600	6°~60°/80mm	1000	3200	2200×2160×1930	
DK7780A	880×1440	800×1200	600	6°~60°/80mm	1500	4700	2700×2300×1900	
DK7780B	880×1260	800×1000	600	6°~60°/80mm	1500	4500	2620×2260×1900	
DK77100	1010×1500	1000×1200	600	6°~12°/80mm	1500	5600	2930×2500×2000	
DK77120	1300×1900	1200×1600	500	6°~12°/80mm	4000	10000	4200×3700×2000	

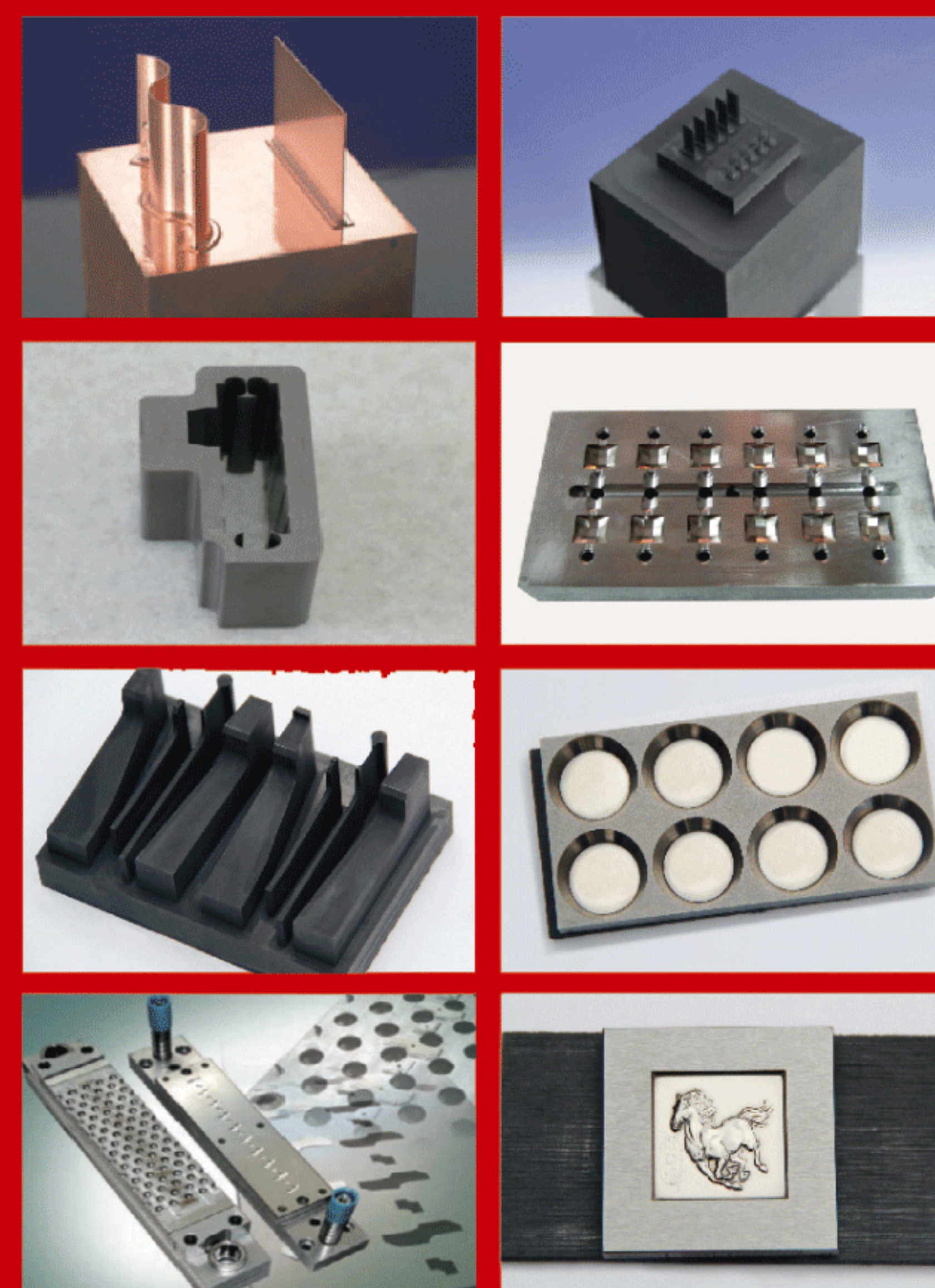
D71 系列电火花成形机床

D71 SERIES DIE SINKING EDM



该系列机床与脉冲电源柜配套使用，Z轴配日本三洋直流伺服电机，具有Z轴数控的特点。X、Y轴坐标采用精密滚珠丝杠，精密光栅数显进行坐标显示，坐标定位精度高。电柜采用最先进的工业专用工控主板，功能强、稳定性好，操作简单，只要输入Z轴深度等少数参数，即能从丰富的专家库系统中调出相匹配的加工数据，由粗加工到精加工一次自动完成。

This series of machine tools are used with matched impulse electric cabinet. Z-axis is driven by Japan Sanyo DC servo motor, with a Z-axis numerical control feature. X, Y axis adopts precise ball screw and precision optical grating digital display shows the coordinate which make coordinates have high positioning accuracy. Electric cabinet adopts the most advanced industry-specific industrial control board, strong function, good stability, simple operation, as long as input a few parameters such as Z-axis depth, it will select a set of suitable data from the expert database system that matches the processing, and process from the rough processing to finish once automatically.



JIANGZHOU NUMERICAL CONTROL

主要技术参数 MAIN TECHNICAL DATA

机床规格 Machine type	单位 Unit	D7125	D7132	D7140	D7145	D7150	D7160
工作台(长×宽) Worktable size(L×H)	mm	400×250	500×320	650×400	720×450	800×500	1000×600
工作槽(长×宽×高) Work tank dimension(L×W×H)	mm	1030×520×320	1030×560×320	1350×630×410	1400×710×410	1450×780×500	1680×850×580
左右行程-X轴 X axis travel	mm	250	320	400	450	500	600
前后行程-Y轴 Y axis travel	mm	150	250	300	350	400	450
Z轴行程 Z axis travel	mm	240	240+240	250+250	250+250	250+300	250+350
电极头平面与工作台最大距离 Distance between electrode&worktable	mm	400	550	650	680	700	800
最大工件重量 Max.workpiece weight	kg	250	550	750	800	800	1000
最大电极重量 Max.electrode weight	kg	50	60	70	80	100	150
机床总重量 Machine weight	kg	1100	1200	1800	2000	2200	3000
机床尺寸(长×宽×高) Machine dimension(L×W×H)	mm	1100×1200×2040	1100×1400×2120	1500×1500×2250	1500×1500×2250	1600×1500×2300	1700×1600×2400
电箱 Type	单位 Unit	60 ZNC		90 ZNC			
最大加工电流 Max.machining electric current	A	60		90			
最大加工速度 Max.machining speed	mm ³ /min	400		600			
最小电极消耗比 Min.electrode wear		0.1%		0.1%			
最佳表面粗糙度 Best surface roughness	μm	Ra0.8		Ra0.8			
电源消耗 Power consumption	kW	6		9			
重量 Weight	kg	200		250			
尺寸(长×宽×高) Dimension(L×W×H)	mm	600×650×1800		600×650×1800			

XK 系列数控铣床

XK SERIES CNC MILLING MACHINE



主要技术参数 MAIN TECHNICAL DATA

型号 Type	XK714/XH714	XK715/XH715	XK716/XH716	XK717/XH717	XK718/XH718	XK719/XH719
工作台面积 Worktable size(mm)	400×840	500×1050	600×1300	710×1400	800×1700	900×2000
工作台 T 型槽 Worktable T-grooves(mm)	3~18	3~18	5~18	5~18	5~22	5~22
行程 Travel(mm)	X650	X800	X1000	X1300	X1500	X1800
	Y400	Y500	Y600	Y700	Y800	Y900
	Z500	Z550	Z600	Z650	Z700	Z800
主轴端面至工作台面距离 Distance between spindle end and worktable surface(mm)	125~625	150~700	180~780	150~800	170~870	160~960
主轴中心至 Z 向导轨面距离 Distance between spindle center and Z axis guide rail surface(mm)	495	550	600	785	800	950
主轴锥度 Taper of spindle	BT40	BT40	BT40	BT50	BT50	BT50
最高主轴转速(无级变速) Max.RPM of spindle(rpm)	8000/6000	6000	6000	6000	6000	6000
主轴电机功率 Motor power of spindle(kw)	5.5/7.5	5.5/7.5	9/11	15	15	15
切削进给速度(与系统有关) Feeding rate(Related to control system)(mm/min)	1~5000	1~5000	1~5000	1~5000	1~5000	1~5000
定位精度 Positioning accuracy(mm)	±0.01	±0.01	±0.01	±0.01	±0.01	±0.01
重复定位精度 Repeated positioning accuracy(mm)	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005
机床重量 Machine weight(kg)	3200	4500	7000	11200	13500	14000
机床尺寸 Machine dimension(L×W×H)(mm)	2450×2200×2660	2700×2200×2660	34000×2250×2800	4000×2300×29000	44200×2350×3200	4450×2400×3200
工作台允许最大承重量 Max.workpiece weight(kg)	500	600	800	1000	1500	1600
(选装)刀库 ATC system(optional)	10/16/20/24	10/16/20/24	20/24	20/24	20/24	20/24

XH 系列加工中心

XH SERIES CNC MACHINE CENTER



我公司生产的数控铣床具有刚性好，精度高，噪音小，操作、维修简便，价格合理等优点。可自动铣削平面、槽、斜面及各种复杂的曲面，以及钻孔、扩孔、绞孔等，具有较大的应用范围和较广的适用性，性能优越。特别适合模具加工。

加工中心可实现四轴、五轴联动，具有铣、镗、钻、扩孔、攻丝等多种加工功能，可以对复杂零件连续完成全部加工，快速进给系统和高速换刀装置，减少辅助切削时间，保证机床具有很高的生产效率。既适合复杂精密模具的加工，也适合于多种、批量工件的生产。

The vertical CNC milling machine has the following advantages: high rigidity and precision, low noise, easy to operate and repair, reasonable price. It can mill planes, grooves, incline planes and all kinds of complex curved surface. It can also finish drilling, enlarging holes and reaming etc. The machine has multi purpose usage and excellent performance. The machine is especially suitable for make mould.

Machine center can realize linked operation between four axes. It can finish milling, boring, drilling, enlarging holes, threading etc. It can finish continuous machining of complex parts. High speed feeding system and high speed tool changing system decrease assistant time, which make high action efficiency. It can machine complex and precision mold. It can also produce multi-type and large quantity parts.

主要特点 MAIN FEATURES

- **可靠性高,稳定性好**
High reliability and excellent stability
- **采用德国西门子或日本三菱,发那科数控系统**
German Siemens or Japanese Fanuc or Mitsubishi NC system
- **数控铣可实现三轴联动**
CNC milling machine: three-axis linkage
- **加工中心可实现四轴联动或五轴联动**
CNC machine center: four-axis linkage or five-axis linkage
- **进口轴承**
Imported bearing
- **进口联轴器**
Imported coupling
- **优质树脂砂铸件**
Resin sand cast parts
- **台湾产主轴、打刀缸、精密滚珠丝杠、锁紧螺母**
Taiwan made spindle, unclamping cylinder, precision ball screw and locking nut
- **零件程序编制**
Programming for parts
- **误差补偿功能**
Compensation for deviation
- **钻铣加工功能**
Functions for drilling and milling
- **台湾产刀库(加工中心配)**
Taiwan made CNC ATC system (only for machine center)

DS703 豪华型高速电火花穿孔机

DS703 SUPER DRILL EDM



加工速度每分钟可达30~60mm(视材料而定);
 能加工不同的导电材料,特别适用于加工不锈钢、淬火钢、铜、铝、硬质合金等;
 能加工线切割器起始孔、过滤孔、喷嘴孔、气孔、群孔、超深孔等;
 可直接在工件的斜面、曲面上进行加工;
 可蚀除折断在工件中的钻头、丝锥等,而不损坏螺纹。
 The speed of drilling holes is 30-60mm depth per-minute(varies as per material);
 Can drill small holes on the various conductive materials,especially stainless steel,cold rolled steel,copper,aluminum and hard alloy etc;
 Can dilwire-cut starting hole,filter holeJet hole,gas hole,group holes and hole of Super depth etc ;
 Can drill on oblique and curved surface directly;
 Can easily erode the drill and screw tap etc which is broken in the workplace and not Destroy which is broken in the workplace and not Destroy.

主要技术参数 MAIN TECHNICAL DATA

工作台尺寸(长×宽) Worktable size(L×W) (mm)	320×400
工作台行程 Worktable travel (mm)	250×350
坐标轴行程 Z轴 Coordinate axes travel Z axis (mm)	350
坐标轴行程 W轴 Coordinate axes travel W axis (mm)	300
导向器与工作台面最大距离 Max.distance director to worktable (mm)	50-350
最大加工电流 Max.machining current (A)	30
加工孔径范围 Electrode diameter (mm)	Φ0.3-Φ3.0
工作台承受重量 Max loading of worktable (kg)	200
工作液 Working liquid	水 Water
供电电源 Power supply(HZ)	380V/50
整机输入功率 Total input power(KVA)	3.5
外型尺寸 External dimension(L×W×H)(mm)	920×950×1750
机床重量 Machine weight(kg)	600
数显 Digital display	二轴数显Two axes digital

DS703A 高速电火花穿孔机

DS703A HIGH-SPEED EDM PUNCHER



本机床主要用于不锈钢、淬硬钢、硬质合金、铜、铝等各种导电材料工件上的深小孔加工。如电火花线切割工件的穿丝孔；化纤喷丝头、喷丝板上的喷丝孔；滤板、筛板上的群孔；发动机叶片、缸体的散热孔；液压、气动阀体的油路及气路孔等。工作台X、Y轴配有数显装置。使用纯净水或自来水作为工作液。能直接从工件的斜面、曲面穿入加工。加工孔的最大深径比可达200:1以上。

本机床也能用于蚀除折断在工件中的钻头、丝锥,而不损坏原孔或螺纹。

The machine is used for machine deep and small holes in many kind of conducting material such as stainless steel, hardened steel, hard metal alloy, copper and aluminum. The holes can be holes for pass through wire in CNC wire EDM, spray chemical fiber wire hole, spray wire hole in spray wire board, group holes in filter board and sifter board, heat emission holes in vane and cylinder body of engine, oil circuit holes and gas circuit holes of valve body of hydraulic pressure system and air pressure system etc. X-axis and Y-axis adopt optical grade ruler. The working fluid is pure water or tap water. It can process from slant face or curved surface of work piece. The largest ratio between depth and diameter of hole can be over 200:1.

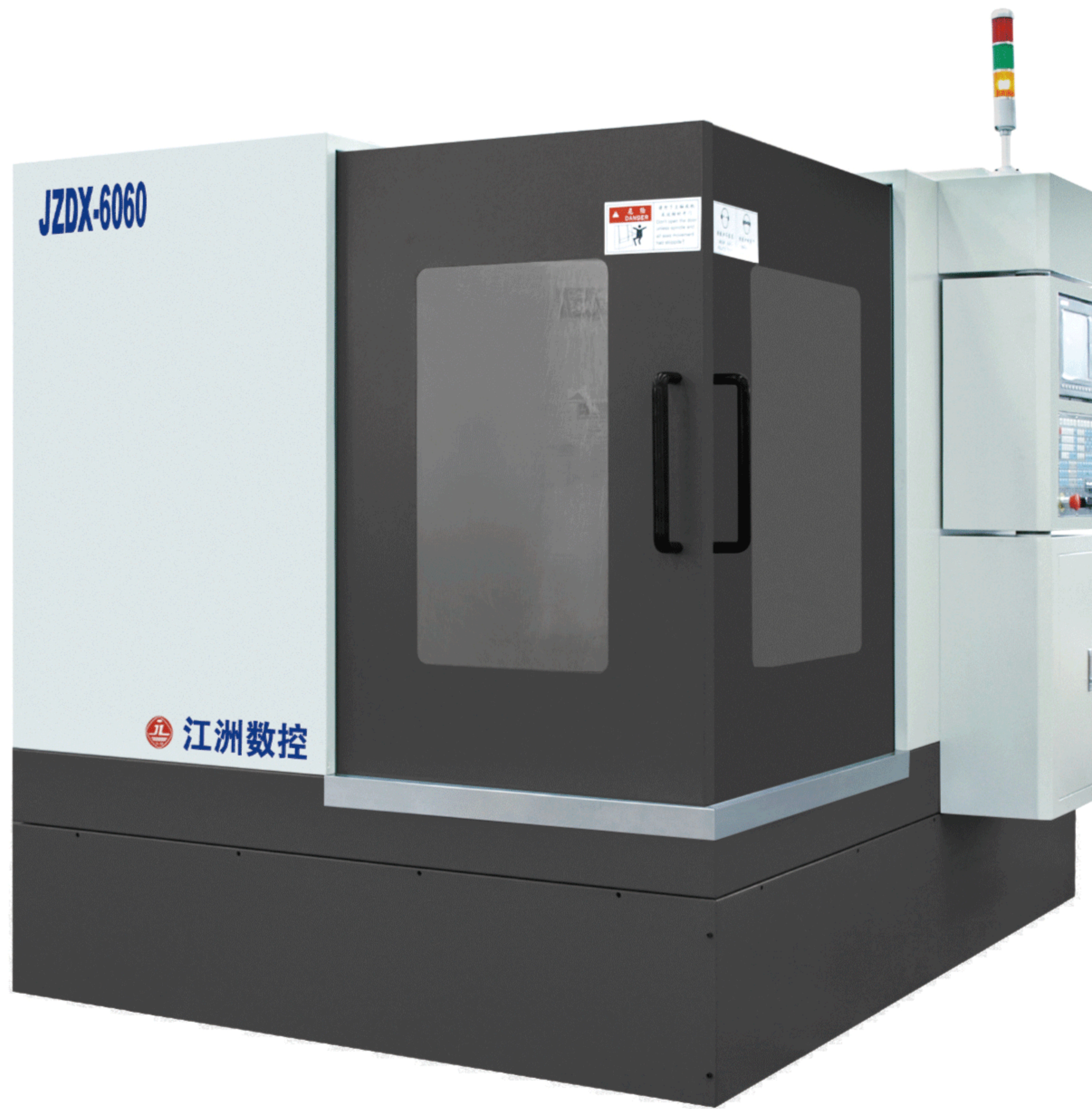
The machine can also be used for getting rid of aiguilles and screw tap breaking off in work piece and avoid damaging the original hole or screw hole.

主要技术参数 MAIN TECHNICAL DATA

型号	工作台尺寸	工作台行程	主轴伺服行程	主轴头行程	装夹电极直径	最大加工电流	电源输入	机床重量	机床尺寸 (长×宽×高)
Type	Worktable size (mm)	Worktable travel (mm)	Serve travel(mm)	Spindle Travel (mm)	Electrode diameter (mm)	Max.working current(A)	Power input	Machine weight (kg)	Machine dimension (L×W×H)(mm)
DS703A	400×300	250×200	330	200	Φ0.3-Φ3	22	380V/50Hz 3.5kW	600	1070×710×1970

JZDX 系列数控雕铣机床

JZDX SERIES CNC CARVE-MILLING MACHINE



JZDX系列雕铣机床是我公司生产的一种轻型数控高速雕刻、铣削机床。采用全封闭设计，机床机构合理，刚性好、噪声小；采用台湾产直线滚动导轨、精密滚珠丝杠、进口伺服电机，运动平稳、控制精度高。操作简单、易学，广泛应用于模具、轻工、广告、电子等行业。

The JZDX series CNC carve-milling machine is a light duty and high-speed machine tool for carving and milling. The machine has the following advantages: entire hermetical shell design, low noise, high processing speed, reasonable structure, high rigidity and precision, TAIWAN made rolling straight trajectory, using imported servo motor with high precision. The machine is easy to operate and is broad used in mould, advertisement and electronic industry etc.

主要技术参数 MAIN TECHNICAL DATA

型号	工作台面尺寸	行程	最大载重	电主轴功率	电主轴转速	伺服电机功率	机床重量	机床尺寸 (长×宽×高)
Type	Worktable size (mm)	(X/Y/Z)Travel (mm)	MAX workpiece weight(kg)	Power of spindle motor	Spindle speed	Power of servo motor	Machine weight (kg)	Mahine dimension (L×W×H)(mm)
DX5040	500×450	500×450×220	200	2kW	24000rpm	3×750W	1800	1320×1770×2060
DX6060	600×600	600×600×280	400	4kW	21000rpm	3×850W	2200	1750×1800×2150
DX7080	700×800	800×700×300	500	5.5kW	18000rpm	3×1000W	3200	2800×2240×2300
DX80100	800×1000	1000×800×400	800	5.5kW	18000rpm	3×1300W	4500	2150×2320×2800

SX77 砂线机

SX77 SERIES ABRASIVE WIRE CUTTING MACHINE



- 砂线机主要广泛用于石墨、电极及环氧板、硬质不导电材料、大理石、玉石、光学、玻璃、陶瓷铁氧体、半导体材料、碳化硅、耐火硅等材料的切割成形。
本机床在切割玉石和翡翠等名贵玉石方面得到客户的认可，机床在切割玉石和翡翠时大大节约成本，在材料方面的损耗很低，是玉石翡翠方面加工的首选机器。
本公司的砂线机床已销往国内外许多玉石生产厂家和客户，并在此机床领域获得了多项国家专利。
- This Machine is widely used for cutting graphite electrodes and shaping epoxy board, hard alloy materials, marble, jade, optical glass, ceramic, ferrite, semiconductor, silicon carbide, refractory bricks etc. The machine tool is the top choice for processing jade and emerald with low loss, which is recognized by customers. It sells well in domestic and overseas market and has obtained many state patents.

主要技术参数 MAIN TECHNICAL DATA


















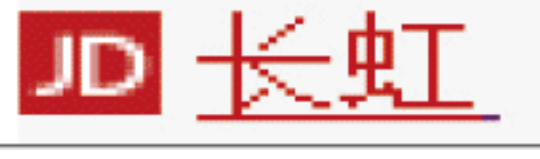







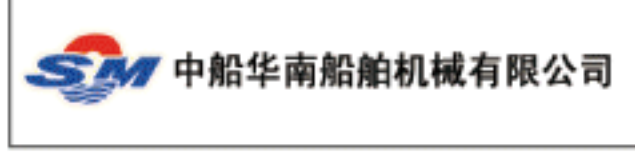
型号 Type	工作台行程 Worktable travel (mm)	工作台面尺寸 Worktable size (mm)	切割高度 (可送) Workpiece high(mm) (optional)	砂线规格 Dia of abrasive wire(mm)
SX7725	250×320	340×520	200~400	φ0.19~φ0.33
SX7732	320×4000	380×600	300~500	
SX7740	400×500	410×710	300~600	
SX7750	550×650	596×880	400~600	
SX7763	630×1000	720×1260	400~600	

专利号 PATENT NUMBER

200820036799.X	200920047862.4
200820034690.2	200920047863.9
200820032012.2	200920047864.3
200920047861.X	200920170383.1
200910034078.4	201320697532.6

PART OF THE DOMESTIC CUSTOMERS

国内部分客户

	中国航空工业集团		中国兵器集团
	北京三一重机有限公司		上海比亚迪有限公司
	上海金伟片板膜设备制造有限公司		中国南车
	东野精机(昆山)有限公司		长沙中南大学
	湖南有色新材料有限公司		湖南矿冶研究所
	上海中欧汽车电器有限公司		长沙水泵厂
	哈电集团有限公司		江苏沃得农业机械配件制造有限公司
	哈尔滨东安发电机(集团)制造有限公司		柳州上汽通用五菱集团
	沈阳飞机研究所粉体有限公司		柳州长虹机汽有限公司
	湖南湘潭电机股份有限公司		广西玉柴集团
	湖南国防科技大学		广西科技大学
	长沙黑金刚实业有限公司		广西民族大学
	湖南天雁机械有限责任公司		广西柳州华南船舶机械有限公司