



**Balkanlar
Cnc**

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SPEED >>> TECH

Autonics
Sensors & Controllers

Schneider
Electric

SANYO

EZO

**intel
inside**

SIEMENS
西门子

士林電機
ShiLin Electric

Panasonic
ideas for life

PMI
Linear Motion Systems

HIWIN
Linear Motion Products & Technology



$Ra \leq 0.7$

最佳表面粗糙度 $Ra \leq 0.7$
The optimum surface roughness $Ra \leq 0.7$



80%

Energy Saving
节能

新型节能降耗80%
New smart high-frequency power supply 80% saving

无电机电液设计
高光度 高效率、低损耗

新刀速 新刀本 新材料
全新升级提升

全新升级提升



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英国 Renishaw
UK Renishaw laser precision inspection



日本 brother
Japan brother machining center, tapping Center

P
rocessing
equipment 加工设备



原装进口大型五轴，五面体hartford龙门加工中心，床身整体一次加工
5 axis Hartford gantry machining center

原装进口台湾Sunny大型双头龙门磨床
Big model Sunny double spindle grinding machine.

SC
SC model CNC Wire Cut EDM Machine

Specifications for



经济款伺服驱动切割中走丝机床
Economic model CNC Molybdenum Wire Cut EDM Machine-Servo Motor Drive

- 日本松下伺服驱动
- 台湾上银或者银泰直线导轨，滚珠丝杆
- 高强度铸件HT250，C形结构，钻石水嘴
- Japan Panasonic servo motor drive.
- Taiwan Hiwin or PMI 9 grade linear guideway and C grade ball screw.
- High strong HT250 casting, C fram, diamond wire guider.



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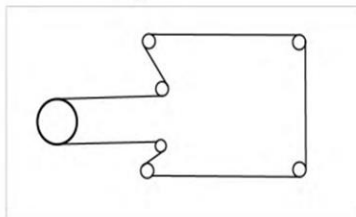
型号	Machine Model		SC32	SC40
机床尺寸	Machine size	mm	1680×1200×2300	1810×1350×2300
机床重量	Machine weight	kg	1800	2000
XY行程	Worktable travel	mm	400×320	500×400
UV行程	U,V travel	mm	25	25
Z轴电动行程	Z travel(motor drive)	mm	300	300
切割锥度	Max taper cutting	°/mm	12°/80(选配 24°/80)	12°/80(选配 24°/80)
钼丝直径	Wire diameter	mm	0.12-2.0	0.12-2.0
机床功率	Machine power	kw	≤2.3	≤2.3
工作台尺寸	Worktable size	mm	660×450	720×520
液槽尺寸	Working area size	mm	980×550	1180×710
承重	Worktable loading	kg	350	450
过滤精度	Filter precision	um	10	10
水箱容积	Water tank volume	L	70	70
驱动类型	Drive model	日本松下交流伺服电机和驱动/AC Panasonic servo motor and Panasonic driver		
最佳高精度	Best roughness	um	Ra≤0.8	Ra≤0.8
切割高度	Max cutting height	mm	300	300
最大速度	Max cutting speed	mm/min	≥220	≥220
线速	Wire speed	变频调速/Frequency control		
控制系统	Control system	AutoCut		
硬件	Hardware	工业电脑, 32G工业固态硬盘/Industrial computer, 32G industrial SSD		
通讯接口	Communication interface	USB, LAN, RA232		
轴数控制	Axis control	5轴控制, 4轴联动/5 axis control, 4 axis simultaneous		
语言	Language	英文, 俄文, 中文, /English,Russia,Chinese		
单位	Unit	公制, 英制/Metric system,British system		
电源	Power	380V±10%, 50/60HZ, 2KVA, Multip		
环境要求	Environment	15-30°C (温度) /40-80% (湿度)		

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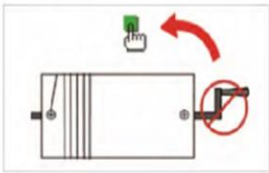
Details introduce



0.01mm
Wire drum use linear guideway Famous frequency changer and Sensor switch Wire drum.



Automatic double side wire tight, waterproof wire wheel, diamond wire guider.



Thread wire by motor, not manual.



Brass wire EDM filter, improve working time and cutting performance.



Professional cutting parameters, only input material, thickness, roughness to activate cutting.



Clean working fluid.



Japan Panasonic AC servo motor and driver, World famous electrical parts.

丝速范围	0.1-2000mm/min	变频调速/0.1-2000mm/min
切割速度	0.1-2000mm/min	变频调速/0.1-2000mm/min
切割精度	±0.01mm	变频调速/±0.01mm



1/ 型材模 工件高度: 40mm 工件材料: H13 光洁度: 0.9um 精度: 5um	1 / Profile mould Height of workpiece: 40mm Workpiece material: H13 Finish: 0.9um Accuracy: 5um	2/ 齿轮 工件高度: 30mm 工件材料: SKD11 光洁度: 0.8um	2 / Gear Workpiece height: 30mm Workpiece material: SKD11 Finish: 0.8um	3/ 配合件 工件高度: 40mm 工件材料: Cr12 配合单边间隙: 单边4um	3 / Matching parts Workpiece height: 40mm Workpiece material: Cr12 Single side clearance: 4um single side
4/ 上下异形 工件高度: 40mm 工件材料: Cr12 光洁度: 0.9um	4 / Up - down abnormality Workpiece height: 40mm Workpiece material: Cr12 Finish: 0.9um	5/ 八面体 工件高度: 40mm 工件材料: SKD11 光洁度: 0.7um	5 / Octahedron Workpiece height: 40mm Workpiece material: SKD11 Finish: 0.7um	6/ 阶梯模 工件高度: 20mm 工件材料: Cr12 步距精度: 14um 孔误差: 9um	6 / Progressive die Height of workpiece: 20mm Workpiece material: Cr12 Step accuracy: 14um Hole error: 9um

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