



“Technology first, quality win, service intimacy”,
“exploitation and innovation, pursuit of excellence”



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Zhejiang Yinfeng Automation Technology Co., Ltd. is a high-tech enterprise specializing in R&D, design, manufacture and sales of computer numerical control spring machinery and its peripheral equipment. Our company was established in 2001 and has a production history of 19 years. All of our systems and servo motors are manufactured using mature technology from Japan and Taiwan and directly use their related products. The products have the characteristics of high precision of wire feeding, stable and accurate forming action, novel and pleasant appearance, and are well received by customers.

Our company has 2-6 axis computer spring machine, 3-13 axis computer spring machine, 4-6 axis computer screw machine, 7 axis 3D wire forming machine, rotor wire forming machine, spring inspection machine, spring machine accessories tools, and provide a variety of difficult spring processing services.

Our equipment can produce pressure springs, tension springs, torsion springs, screw sleeves and wire forming products to meet the needs of a variety of industries, including electronics, toys, electrical appliances, sports equipment, automobiles, stationery, instruments, meters, hair accessories, All kinds of high-precision springs required for crafts, etc., can also produce sheet shrapnel and winder of different specifications. In the increasingly competitive market in the future, the company will, as always, adhere to the tenet of "Technology first, quality win, service intimacy", "exploitation and innovation, pursuit of excellence", providing customers in the spring industry with qualified equipment which have stable quality and reasonable price.

Our goal: to manufacture and service spring machinery that meets the quality and technical needs of our customers. All of our colleagues will continue to develop and manufacture more sophisticated spring machinery, as well as provide more convenient and effective technical consultation and perfect after-sales service.



7 Axis 3D Wire Bending Machine

This machine adopts a dedicated computer control system for wire forming machines and imported high-precision servo motors. The computer has a CN/EN interface, which is easy to operate and accurately calibrated. It can store hundreds of different specifications of processing programs, greatly reducing debugging time. According to the working condition of the display screen, the outer diameter angle of the product can be corrected at any time. When wireless, wire breakage, or winding occurs, the equipment will automatically stop, and the wire rack has an automatic acceleration function, making production easier and more effective.



760



7808

型号Model		YF-7-60	YF-7-80B	YF-7-100	YF-7-120B	YF-7-140
线径Wire diameter		Φ2.0~Φ6. 0	Φ3.0~Φ8. 0	Φ3.5.0~Φ10. 0	Φ4.0~Φ12. 0	Φ5.0~Φ14. 0
轴数NO.of axis		7	7	7	7	7
送线指令值 Wire feeding length value		±0.01-±9999.99	±0.01-±9999.99	±0.01-±9999.99	±0.01-±9999.99	±0.01-±9999.99
凸轮指令值 Cam angle value		±0.10°-±359.9	±0.10°-±359.9	±0.10°-±359.9	±0.10°-±359.9	±0.10°-±359.9
送线长度 Wire feeding length		无限长 Unlimited	无限长 Unlimited	无限长 Unlimited	无限长 Unlimited	无限长 Unlimited
送线速度 Wire feeding speed		Max.100meter/min	Max.100meter/min	Max.100meter/min	Max.100meter/min	Max.100meter/min
伺服电机 功率 Servo motor	送线 Feeding	2.7KW	2.7KW	4.5KW	7.5KW	11.0KW
	转线 wire Turning	1.2KW	2.7KW	2.7KW	4.5KW	4.5KW
	外扭线 Bending(Outside)	1.2KW	1.2KW	2.7KW	5.5KW	5.5KW
	内扭线 Bending(Inside)	1.2KW	1.2KW	2.7KW	5.5KW	5.5KW
	扭转升降 Lifting of bender	0.75KW	0.75KW	2.7KW	2.7KW	2.7KW
	升降台 lifting of table	0.75KW	0.75KW	2.7KW	2.7KW	2.7KW
切刀Cutting		0.75KW	0.75KW	2.7KW	2.7KW	4.5KW
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ
机械尺寸 Machine dimension(L*W*H)		2900*1700*1700	3850*2000*1800	4200*2000*1900	4250*2000*1900	4250*2000*1900
机械重量 Machine weight		1550KG	2300KG	3000KG	3300KG	4000KG
送线架尺寸 wire feeder dimension		1300*1800*700mm	1500*2200*760mm	1800*2600*760mm	1800*2600*760mm	1800*2600*760mm
送线架重量 Wire feed weigh		215KG	280KG	480KG	480KG	480KG
送线架承重 Wire feeder capacity		500KG	800KG	1000KG	1000KG	1000KG



5 Axis 3D Wire Bending Machine

The principle of this machine is to turn the head without turning the wire. The head structure is lightweight, and turning the wire without turning the head avoids errors caused by small wire forming, ensuring fast and stable production operation. The computer has fast startup and shutdown speed, simple and convenient operation, supports multilingual operation, and the computer interface can adjust speed and modify programs while producing. The configuration adopts imported high-precision high-speed servo motors and imported reducers, which are stable and durable.



5140



8580

型号 Model		YF-5-80	YF-5-120	YF-5-140	YF-5-160
线径Wire diameter		Φ3.0-Φ8.0mm	Φ5.0-Φ12.0mm	Φ6.0-Φ14.0mm	Φ7.0-Φ16.0mm
轴数NO.of axis		5	5	5	5
送线指令值 Wire feeding length value		±0.01-±9999.99mm	±0.01-±9999.99mm	±0.01-±9999.99mm	±0.01-±9999.99mm
凸轮指令值 Cam angle length value		±0.01-±359°	±0.01-±359°	±0.01-±359°	±0.01-±359°
送线速度 Wire feeding speed		No limited	No limited	No limited	No limited
送线长度 Wire feeding length		Max. 100m/min	Max. 100m/min	Max. 100m/min	Max. 100m/min
伺服电机 功率 Servo motor	送线 Feeding	2.7KW	11.0KW	15.0KW	15.0KW
	扭转 Bending	2.0KW	5.5KW	5.5KW	7.5KW
	升降台 Lifting	0.75KW	1.0KW	1.0KW	1.0KW
	切断 Cutting	1.0KW	5.5KW	5.5KW	7.5KW
	转臂 Turning	2.7KW	7.5KW	7.5KW	5.5KW
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ
机械尺寸 Machine dimension(L*W*H)		1000*1500*1000mm	3200*1600*1850mm	3250*1650*1850mm	3250*1700*1900mm
机械重量 Machine weight		2200KG	3000KG	3500KG	3800KG
送线架尺寸 wire feeder dimension		1300*1800*700mm	1800*2600*760mm	1800*2600*760mm	1800*2600*760mm
送线架重量 Wire feed weigh		215KG	480KG	480KG	480KG
送线架承重 Wire feeder capacity		500KG	1000KG	1000KG	1000KG

2D Wire Bending Machine

This machine adopts a dedicated computer control system for wire forming machines and imported high-precision servo motors. The computer has a CN/EN interface, which is easy to operate and accurately calibrated. It can store hundreds of different specifications of processing programs, greatly reducing debugging time. According to the working condition of the display screen, the outer diameter angle of the product can be corrected at any time. When wireless, wire breakage, or winding occurs, the equipment will automatically stop, and the wire rack has an automatic acceleration function, making production easier and more effective.



84120



8480

型号 Model		YF-4-60	YF-4-80	YF-4-100	YF-4-120	YF-4-140
线径Wire diameter		Φ2.0~Φ6. 0	Φ3.0~Φ8. 0	Φ4.0~Φ10. 0	Φ5.0~Φ12. 0	Φ6.0~Φ14. 0
轴数NO.of axis		4	4	4	4	4
送线指令值 Wire feeding length value		±0.01-±9999.99	±0.01-±9999.99	±0.01-±9999.99	±0.01-±9999.99	±0.01-±9999.99
凸轮指令值 Cam angle value		±0.10°-±359.9	±0.10°-±359.9	±0.10°-±359.9	±0.10°-±359.9	±0.10°-±359.9
送线长度 Wire feeding length		无限长 Unlimited	无限长 Unlimited	无限长 Unlimited	无限长 Unlimited	无限长 Unlimited
送线速度 Wire feeding speed		Max.100meter/min	Max.100meter/min	Max.100meter/min	Max.100meter/min	Max.100meter/min
伺服电机 功率 Servo motor	送线 Feeding	3.0KW	2.7KW	5.5KW	7.0KW	15.0KW
	扭转 Bending	1.0KW	1.2KW	2.0KW	2.0KW	4.5KW
	升降台 lifting of table	1.0KW	0.75KW	1.0KW	1.0KW	1.0KW
	切刀 Cutting	1.KW	0.75KW	1.5KW	1.5KW	1.5KW
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ
机械尺寸 Machine dimension(L*W*H)		2400*850*1650	2750*950*1650	380*2000*1750	4250*2000*1900	4250*2000*1900
机械重量 Machine weight		650KG	1000KG	1800KG	3300KG	3300KG
送线架尺寸 wire feeder dimension		1100*1200*670mm	1300*1800*700mm	1500*2200*760mm	1800*2600*760mm	1800*2600*760mm
送线架重量 Wire feed weigh		120KG	215KG	280KG	480KG	480KG
送线架承重 Wire feeder capacity		300KG	500KG	800KG	1000KG	1000KG



12 Axis Camless Spring Machine

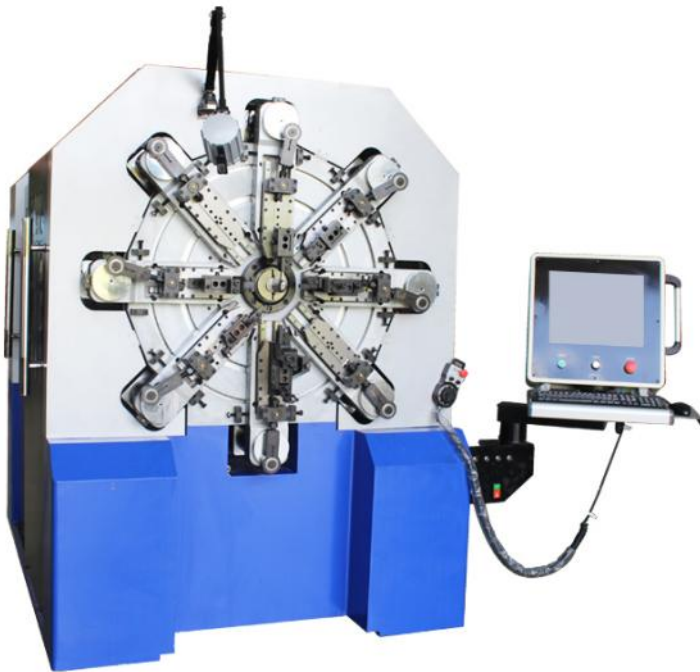
The unique cam-free and rocker-free design,individually controlled by many servo motors, can produce a variety of special-shaped spring, compression spring,double torsion spring, battery spring,flat spring(clockwork spring) and various wires molding and others. Precision accurate,debug machine quickly,stable and reliable.



1225

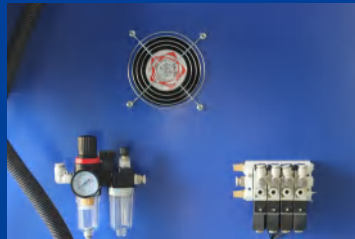


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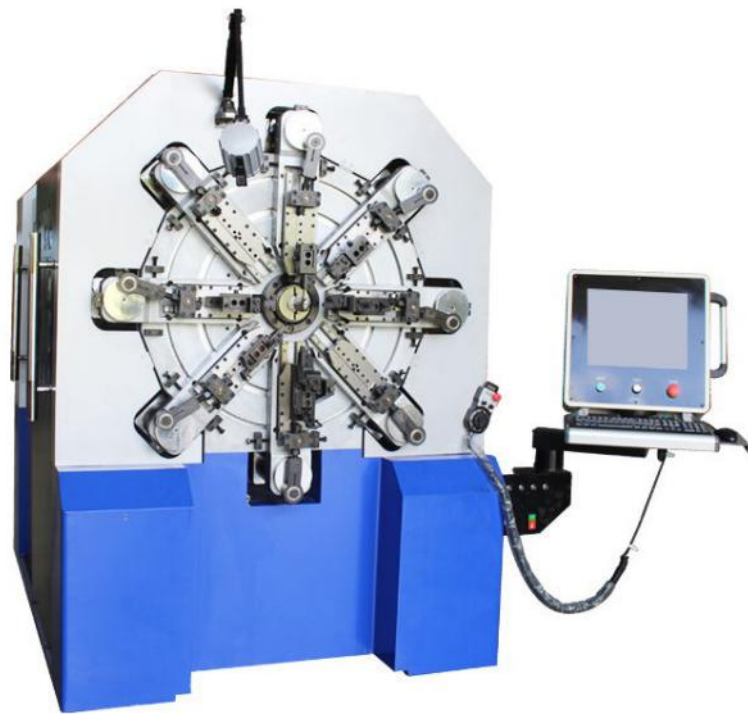
1245

型号 Model		YF-1225	YF-1230	YF-1235	YF-1240
线径Wire diameter		Φ0.4~2. 5mm	Φ1.0~3.0mm	Φ0.8~3. 5mm	Φ1.0~4.0mm
轴数NO.of axis		12	12	12	12
送线指令值 Wire feeding length value		±0.01-±9999.99mm	±0.01-±9999.99mm	±0.01-±9999.99mm	±0.01-±9999.99mm
送线速度 Wire feeding speed		Max. 120m/min	Max. 100m/min	Max. 100m/min	Max. 100m/min
送线长度 Wire feeding length		无限长Unlimited	无限长Unlimited	无限长Unlimited	无限长Unlimited
伺服电机 功率 Servo motor	凸轮 Cam	0.75KW*8pcs	1.2KW*8pcs	1.2KW*8pcs	1.2KW*8pcs
	送线 Feeding	2.7KW	4.5KW	4.5KW	5.5KW
	转芯 Bending	0.75KW	1.2KW	1.2KW	1.2KW
	转线 Wire turning	2.7KW	1.2KW	1.2KW	1.2KW
	卷曲 Bending(Extra)	0.75KW	1.0KW	1.0KW	1.0KW
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ
工序数据存储量Program storage		>2000	>2000	>2000	>2000
气缸Cylinder		5-6KG/cm	5-6KG/cm	5-6KG/cm	5-6KG/cm
探针Probe		3pcs	3pcs	3pcs	3pcs
机械尺寸 Machine dimension(L*W*H)		1600*2000*1750mm	1650*2000*1850mm	1650*2000*1850mm	2100*2350*1900mm
机械重量 Machine weight		1600KG	2000KG	2500KG	2800KG
送线架尺寸 wire feeder dimension		820*1000*650mm	1100*1200*670mm	1100*1200*670mm	1100*1200*670mm
送线架重量 Wire feed weigh		90KG	120KG	120KG	1200KG
送线架承重 Wire feeder capacity		120KG	300KG	300KG	300KG



12 Axis Camless Spring Machine

- 1.This machine is for camless design set up spring with high speed and accuracy And with stable good enough .
- 2.Adopt Taiwan's computer control system an equipped with servo motor imported from Japan.
- 3.Wire feed with the function of rotary wire so it is easy to adjust .
- 4.Computer interface displayed in Chinese and English which makes the operation easy .
- 5.It is suitable for producing double torsion spring, straight spring, pagoda-shaped compression spring, rectangle spring, swirl spring and other different spring and special-shaped spring .



1250



1260

型号 Model		YF-1245	YF-1250	YF-1260	YF-1280
线径Wire diameter		Φ1.2~4.5mm	Φ1.5~5.0mm	Φ2.0~6.0mm	Φ3.0~8.0mm
轴数NO.of axis		12	12	12	12
送线指令值 Wire feeding length value		±0.01-±9999.99mm	±0.01-±9999.99mm	±0.01-±9999.99mm	±0.01-±9999.99mm
送线速度 Wire feeding speed		Max.100m/min	Max. 100m/min	Max. 100m/min	Max. 100m/min
送线长度 Wire feeding length		无限长Unlimited	无限长Unlimited	无限长Unlimited	无限长Unlimited
伺服电机 功率 Servo motor	凸轮 Cam	1.20KW*8pcs	2.0KW*8pcs	2.7KW*8pcs	4.5KW*8pcs
	送线 Feeding	5.5KW	7.0KW	15.0KW	15.0KW
	转芯 Bending	1.5KW	1.5KW	1.5KW	1.5KW
	转线 Wire turning	2.7KW	2.9KW	4.5KW	4.5KW
	卷曲 Bending(Extra)	1.0KW	1.5KW	1.5KW	1.5KW
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ
工序数据存储量Program storage		>2000	>2000	>2000	>2000
气缸Cylinder		5-6KG/cm	5-6KG/cm	5-6KG/cm	5-6KG/cm
探针Probe		3pcs	3pcs	3pcs	3pcs
机械尺寸 Machine dimension(L*W*H)		2200*2600*2100mm	2200*2300*2100mm	2450*3000*2300mm	2500*3100*2500mm
机械重量 Machine weight		3000KG	3500KG	5300KG	7800KG
送线架尺寸 wire feeder dimension		1100*1200*670mm	1300*1800*700mm	1500*2200*760mm	1800*2600*760mm
送线架重量 Wire feed weigh		120KG	215KG	280KG	480KG
送线架承重 Wire feeder capacity		300KG	500KG	800KG	1000KG

10 Axis Camless Spring Machine

- 1.Cam-free and rocker-free design(debug machine speed is more than 50% than traditional cam machine, production speed quickly, accurate positioning, stable operation).
- 2.The whole rolling guide can keep accuracy for long-term.
- 3.No ram impact machine and generate heat, composite tools to complete all processes, low of tool wear.
- 4.Intelligent modules,can automatic detection and alarm.
- 5.Windows operating,shown in Chinese and English,easy to use.
- 6.It is original creation in the domestic to use camera for take picture to detect, and can automatically correct function,to better improve the precision of machine!

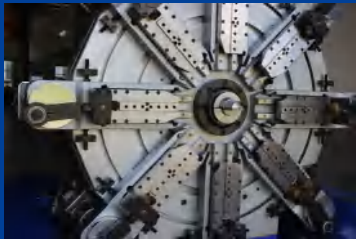


1026



1045

型号 Model		YF-1026	YF-1035	YF-1045	YF-1050
线径Wire diameter		0.2~2. 6mm	0.5~3. 5mm	1.2~4. 5mm	1.5~5.0mm
轴数NO.of axis		10	10	10	10
送线指令值 Wire feeding length value		±0.01-±9999.99mm	±0.01-±9999.99mm	±0.01-±9999.99mm	±0.01-±9999.99mm
送线速度 Wire feeding speed		Max. 100m/min	Max. 100m/min	Max. 100m/min	Max. 100m/min
送线长度 Wire feeding length		无限长Unlimited	无限长Unlimited	无限长Unlimited	无限长Unlimited
伺服电机 功率 Servo motor	送线 Feeding	2.7KW	4.5KW	5.5KW	7.0KW
	凸轮Cam	0.75KW*8pcs	1.2KW*8pcs	1.2KW*8pcs	2.0KW*8pcs
	转芯 Bending	0.75KW	1.2KW	1.2KW	1.5KW
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ
工序数据存储量Program storage		>2000	>2000	>2000	>2000
气缸Cylinder		5-6KG/cm	5-6KG/cm	5-6KG/cm	5-6KG/cm
探针Probe		3pcs	3pcs	3pcs	3pcs
机械尺寸 Machine dimension(L*W*H)		1600*1000*1500mm	1900*1100*2000mm	1900*1100*2000mm	2000*1200*2100mm
机械重量 Machine weight		1000KG	2000KG	2100KG	2500KG
送线架尺寸 wire feeder dimension		820*1000*650mm	1100*1200*670mm	1100*1200*670mm	1300*1800*700mm
送线架重量 Wire feed weigh		90KG	120KG	120KG	215KG
送线架承重 Wire feeder capacity		120KG	300KG	300KG	500KG



5 Axis CNC Spring Machine

- 1.Using Taiwan imported computer control system and servo motor.
- 2.The computer is in Chinses/English interface,easy to operation,accurate positioning,the computer can control eight servo motors,all can be synchronized or run separately.
- 3.The product has a precision detection tracking device,it can automatically shut down if find a substandard product.
- 4.The parameters such as outside diameter and angle can be modified at any moment according to the working status displayed on the screen.
- 5.The mechanical automatic lubricating oil supply design,to ensure the equipment movement for a long time.
- 6.When it has wireless,broken,wrapped wire, automatic shutdown design and wire frame automatic function to make production more easily and efficiently.
- 7.The product applicable to production of twins torsional spring,straight shape spring,pagoda spring,tension spring,rectangular spring,wire molding,steel coil spring, clockwork spring,and various special-shaped,clockwork spring,and various special-shaped springs,complex and difficult spring.

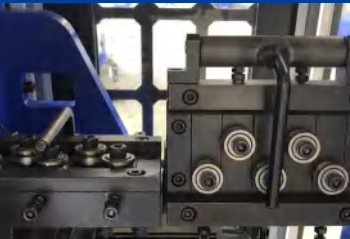
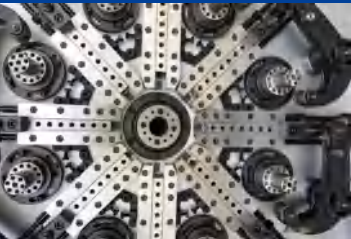


8525



8545

型号Model		YF-8525	YF-8545	YF-8550
线径 Wire diameter		2.0~2. 5mm	1.5~4. 5mm	1.5~5.0mm
轴数 NO.of axis		5	5	5
送线指令值 Wire feeding length value		±0.01-±9999.99mm	±0.01-±9999.99mm	±0.01-±9999.99mm
送线速度 Wire feeding speed		Max.80m/min	Max. 80m/min	Max.65m/min
可卷最大外径 Max.OD of spring		Max.Φ110mm	Max.Φ110mm	Max.Φ140mm
凸轮指令值 Cam angle value		±0.10°-±359.9	±0.10°-±359.9	±0.10°-±359.9
凸轮转速 Cam rotation rate		1-60RPM	1-60RPM	1-60RPM
伺服电机 功率 Servo motor	送线 Feeding	2.7KW	5.5KW	7.0KW
	凸轮 Cam	2.7KW	5.5KW	7.0KW
	转芯 Bending	0.75KW	1.5KW	0.75KW
	转线 Wire turning	1.5KW	2.9KW	1.5KW
	卷曲 Bending(Extra)	0.75KW	1.0KW	1.0KW
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ
机械尺寸 Machine dimension(L*W*H)		1400*1400*1550	1700*1900*2100	1750*2050*1950
机械重量 Machine weight		1050KG	2800KG	3200KG
送线架尺寸 wire feeder dimension		820*1000*650mm	1100*1200*670mm	1300*1800*700mm
送线架重量 Wire feed weigh		90KG	120KG	215KG
送线架承重 Wire feeder capacity		120KG	300KG	500KG

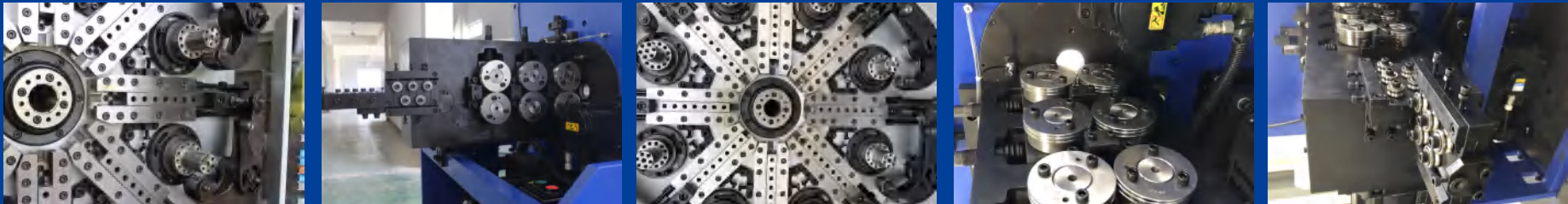


3 Axis CNC Spring Machine

- 1.The machine is designed with cam, the speed of the machine is fast, the precision is high, and the stability is good.
- 2.The machine use Taiwan's computer control system and Japan imported servo motor.
- 3.The feeding line adopts a vertical mechanism, the feeding line is more stable, and the debugging is more convenient.
- 4.The computer is a Chinese-English interface, easy to operate.
- 5.The machine suitable for the production of double tension springs, straight springs, pagoda compression springs, rectangular springs, wire forming, steel vortex springs and various fancy springs, shaped springs, etc.



8322



8345

型号 Model		YF-8322	YF-8345	YF-8350
线径 Wire diameter		0.2~2.5mm	1.0~4.5mm	1.0~5.0mm
轴数 NO.of axis		3	3	3
送线指令值 Wire feeding length value		±0.01-±9999.99mm	±0.01-±9999.99mm	±0.01-±9999.99mm
送线速度 Wire feeding speed		Max.110m/min	Max.110m/min	Max.100m/min
可卷最大外径 Max.OD of spring		Max.Φ60mm	Max.Φ80mm	Max.Φ80mm
凸轮指令值 Cam angle value		±0.10°-±359.9	±0.10°-±359.9	±0.10°-±359.9
凸轮转速 Cam rotation rate		1-100RPM	1-60RPM	1-60RPM
伺服电机 功率 Servo motor	送线 Feeding	2.7KW	5.5KW	7.0KW
	凸轮 Cam	2.7KW	5.5KW	7.0KW
	转芯 Bending	0.75KW	1.2KW	1.5KW
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ
机械尺寸 Machine dimension(L*W*H)		1500*900*650	1700*1300*670	1300*1800*700
机械重量 Machine weight		800KG	1800KG	1950KG
送线架尺寸 wire feeder dimension		820*1000*650mm	1100*1200*670mm	1300*1800*700mm
送线架重量 Wire feed weigh		90KG	120KG	215KG
送线架承重 Wire feeder capacity		120KG	300KG	500KG

2 Axis Compression Spring Coiling Machine

- 1.The machine is designed with cam, adjustable speed, high precision and good stability.
- 2.Taiwan computer control system and imported servo motor from Japan
- 3.The wire feeding system adopts the transfer mechanism, more stable, and the adjust is more convenient.
- 4.Computer interface for Chinese and English, easy to operate
- 5.Suitable for producing straight spring, pagoda press spring, rectangular spring.

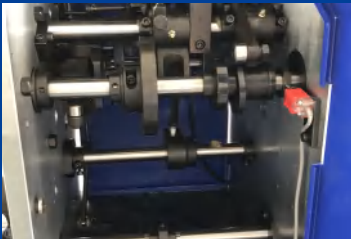
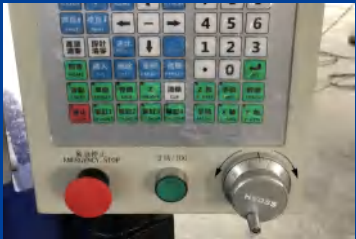
8208



8212



型号 Model		CNC-8208	CNC-8212
线径 Wire diameter		0.15~0. 8mm	0.2~1. 2mm
轴数 NO.of axis		2	2
送线指令值 Wire feeding length value		±0.01-±9999.99mm	±0.01-±9999.99mm
凸轮指令值 Cam angle value		±0.10°-±359.9°	±0.10°-±359.9°
速度 Speed		Max.560pcs/min	Max.560pcs/min
可卷最大外径 Max.OD of spring		Max.Φ20mm	Max.Φ20mm
伺服电机 功率 Servo motor	送线 Feeding	0. 75KW	1.2KW
	凸轮 Cam	0. 75KW	1. 0KW
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ
机械尺寸 Machine dimension(L*W*H)		1000*950*1600mm	1000*1000*1600mm
机械重量 Machine weight		350KG	400KG
送线架尺寸 wire feeder dimension		820*1000*650mm	820*1000*650mm
送线架重量 Wire feed weigh		90KG	90KG
送线架承重 Wire feeder capacity		120KG	120KG

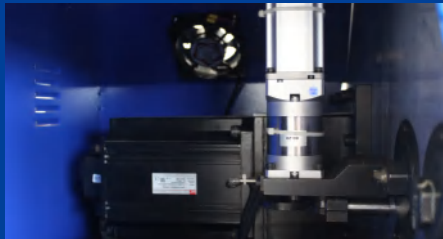


5 Axis Compression Spring Coiling Machine

- 1.The machine is designed with cam, adjustable speed, high precision and good stability.
- 2.Taiwan computer control system and imported servo motor from Japan
- 3.The wire feeding system adopts the transfer mechanism, more stable, and the adjust is more convenient.
- 4.Computer interface for Chinese and English, easy to operate
- 5.Suitable for producing straight spring, pagoda press spring, rectangular spring.



8508



8512

型号 Model		YF-8508	YF-8512
线径 Wire diameter		Φ0.1-Φ0.8mm	Φ0.2-Φ1.2mm
轴数 NO.of axis		5	5
送线指令值 Wire feeding length value		±0.01-±9999.99mm	±0.01-±9999.99mm
凸轮指令值 Cam angle value		±0.10°-±359.9°	±0.10°-±359.9°
速度 Speed		Max. 560pcs/min	Max.560pcs/min
可卷最大外径 Max.OD of spring		Max.Φ20mm	Max.Φ25mm
伺服电机 功率 Servo motor	送线 Feeding	0.75kw	1.2kw
	凸轮 Cam	0.75kw	0.75kw
	簧距 Pitch	0.4kw	0.75kw
	上切刀 Upper cutter	0.4kw	0.4kw
	下切刀 Lower cutter	0.4kw	0.4kw
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ
机械尺寸 Machine dimension(L*W*H)		1000*950*1600mm	1000*100*1600mm
机械重量 Machine weight		400KG	400KG
送线架尺寸 wire feeder dimension		820*1000*650mm	820*1000*650mm
送线架重量 Wire feed weigh		90KG	90KG
送线架承重 Wire feeder capacity		120KG	300KG

3 Axis Compression Spring Coiling Machine

- 1.The machine is designed with cam, adjustable speed, high precision and good stability.
- 2.Taiwan computer control system and imported servo motor from Japan
- 3.The wire feeding system adopts the transfer mechanism, more stable, and the adjust is more convenient.
- 4.Computer interface for Chinese and English, easy to operate
- 5.Suitable for producing straight spring, pagoda press spring, rectangular spring.

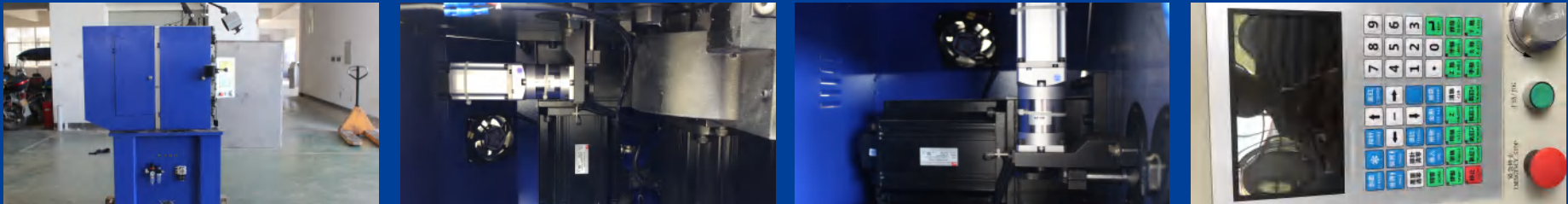


8320

型号 Model		CNC-8320	CNC-8330
线径 Wire diameter		0.4-2.0	0.8-3.0
轴数 NO.of axis		3	3
送线指令值 Wire feeding length value		±0.01-±9999.99	±0.01-±9999.99
凸轮指令值 Cam angle value		±0. 10° -±359. 9°	±0. 10° -±359. 9°
速度 Speed		Max. 250pcs/min	Max. 250pcs/min
可卷最大外径 Max.OD of spring		Max.Φ30mm	Max.Φ50mm
伺服电机 功率 Servo motor	送线 Feeding	2.9kw	4.5kw
	凸轮 Cam	2.9kw	4.5kw
	簧距 Pitch	0.4kw	0.4kw
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ
机械尺寸 Machine dimension(L*W*H)		900*900*1300mm	900*900*1300mm
机械重量 Machine weight		400KG	800KG
送线架尺寸 wire feeder dimension		820*1000*650mm	1100*1200*670mm
送线架重量 Wire feed weigh		90KG	120KG
送线架承重 Wire feeder capacity		120KG	300KG



8330



6 Axis Compression Spring Coiling Machine

- 1. Controlled with six axis: wire feed axis ,cam axis ,up-cut blade axis ,down-cut blade axis and space axis .
- 2.The five axis can work single-step or synchronously .
- 3.Computer interface displayed in Chinese and English makes which the operation easy .
- 4.Equipped with right or left-handed winding blade rest .
- 5.The cutter can perform straight cut and twist cut .
- 6.The computer has software functions of automatic programming.



8620

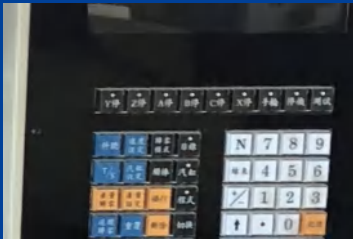
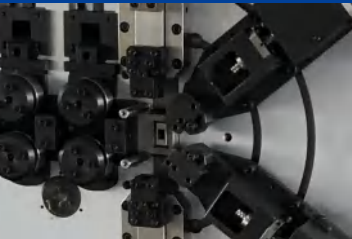


8635



8645

型号 Model		CNC-8620	CNC-8630	CNC-8635	CNC-8645
线径Wire diameter		0.5-2.0mm	1.0-3.0mm	1.0-3.5mm	1.5-4.5mm
轴数NO.of axis		6	6	6	6
送线速度 Wire feeding speed		0-104m/min	0-104m/min	0-90m/min	0-70m/min
可卷最大外径 Max.OD of spring		Max. Φ30mm	Max. Φ50mm	Max. Φ50mm	Max. Φ65mm
气缸探针 Cylinder&Probe		2 sets	2 sets	2 sets	2 sets
伺服电机 功率 Servo motor	外径 OD	0.75KW*2	0.75KW*2	0.75KW*2	1.5KW*2
	切刀 Cutting	1.0KW*2	1.2KW*2	1.2KW*2	1.2KW*2
	送线 Feeding	2.7KW	4.5KW	5.5KW	5.5KW
	节距 Pitch	0.4KW	0.4KW	0.4KW	0.75KW
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ
机械尺寸 Machine dimension(L*W*H)		1300*1800*1800mm	1500*1000*1800mm	1500*1000*1800mm	1700*1200*1900mm
机械重量 Machine weight		400KG	800KG	800KG	1400KG
送线架尺寸 wire feeder dimension		820*1000*650mm	1100*1200*670mm	1100*1200*670mm	1100*1200*670mm
送线架重量 Wire feed weigh		90KG	120KG	120KG	120KG
送线架承重 Wire feeder capacity		120KG	300KG	300KG	300KG



6 Axis Compression Spring Coiling Machine

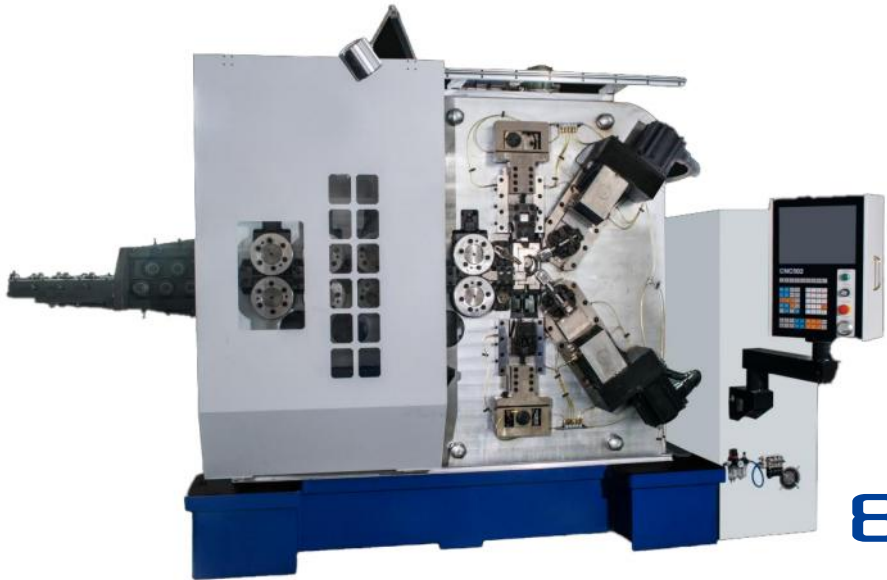
- 1.Controlled with six axis: wire feed axis ,cam axis ,up-cut blade axis ,down-cut blade axis and space axis .
- 2.The five axis can work single-step or synchronously .
- 3.Computer interface displayed in Chinese and English makes which the operation easy .
- 4.Equipped with right or left-handed winding blade rest .
- 5.The cutter can perform straight cut and twist cut .
- 6.The computer has software functions of automatic programming.



8680

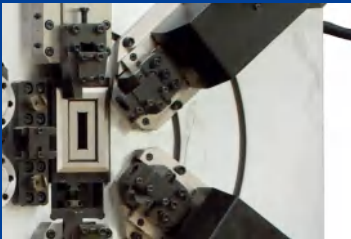
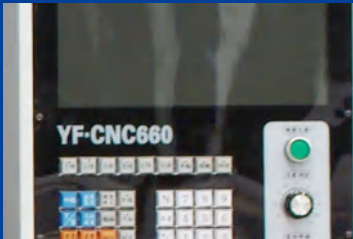


86100



86120

型号 Model		CNC-8660	CNC-8680	CNC-86100	CNC-86120
线径Wire diameter		2.0-6.0mm	3.0-8.0mm	3.0-10.0mm	Φ6.0-Φ12.0mm
轴数NO.of axis		6	6	6	6
送线速度 Wire feeding speed		0-65m/min	0-60m/min	0-50m/min	0-50m/min
可卷最大外径 Max.OD of spring		Max. Φ80mm	Max. Φ100mm	Max. Φ120mm	Max. Φ140mm
气缸探针 Cylinder&Probe		3 sets	4 sets	4 sets	5 sets
伺服电机 功率 Servo motor	外径 OD	1.5KW*2	2.9KW*2	5.5KW*2	5.5KW*2
	切刀 Cutting	2.7KW*2	4.5KW*2	7.0KW*2	15.0KW*2
	送线 Feeding	7.0KW	15.0KW	30.0KW	30.0KW
	节距 Pitch	1.5KW	1.5KW	2.7KW	4.5KW
输入电压 Power		380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ	380V±10%V50HZ
机械尺寸 Machine dimension(L*W*H)		2210*1850*1920mm	2440*1260*1910mm	3140*2130*2200mm	3500*2200*2200mm
机械重量 Machine weight		2700KG	3500KG	750KG	8000KG
送线架尺寸 wire feeder dimension		1500*2200*760mm	1500*2200*760mm	1800*2600*760mm	1800*2600*760mm
送线架重量 Wire feed weigh		280KG	280KG	480KG	480KG
送线架承重 Wire feeder capacity		800KG	800KG	1000KG	1000KG



Thread sleeve making machine



M14

Model		M14	M40
Wire diameter(mm)		M2-M14	M10-M40
Max.OD of spring		40	80
Total power(kw)		6.0	9.1
NO.of axis		5	5
No. Of wire feeding wheels		2	3
Servo motor(kw)	Wire feeding	1	2.7
	Core	0.75	1.0
	Spinner	0.75	1.5
	Camshaft	2.7	2.9
	Lifting shaft	0.75	1.0
Machine dimension(LxWxH)		1055x560x1540	1320*800*1720
Machine weight(Kg)		800	1800



Hot air continuous furnace

Product Description

Applications

Applied to the continuous tempering, drying of all types of springs, spring washers, spring bars, copper products, shafts, chains, screw drivers, spare parts for automobiles and armaments, metal components, hardwares, enamelled wires, electric welding rod, carburized and quenched spare parts.



Performances And Features

- 1.Equipped with PID intelligent temperature controller and integrated auto-control system, and the temperature can be set freely with a tolerance of $\pm 3^{\circ}\text{C}$ under a 500 degrees hearth temperature environment. Installed with hot wind mixing device, and thus ensures the balanced and precise hearth temperature and the quality of the parts to be treated is highly guaranteed.
- 2.Smooth and stable auto running of stainless steel belt, stepless speed regulation and auto speed control allows the great increase of productivity and the decrease of labor intensity.
- 3.Brand-new structure, with all-fiber furnace lining which allows the fast temperature heating-up, the reduction of electricity consumption and a better energy-saving. the electricity consumption will be less than 50% of the rated voltage when reaching a constant temperature.
- 4.Simple operation, secure, no sodium nitrite needed,no environmental pollution.
- 5.Full range of models available,with high performance,easy to repair.

Model	Machine dimension (mm)	Hearth dimension (mm)	Power (kw)	Tempering temperature (°C)	Range of tempering time (min)	Wire diameter (mm)	Production (kg/h)	Machine body weight (kg)
RJC206	1600*750*1300	600*200*60	6	Adjustable	1.5-20	0.1-3	10-20	200
~RJC210,RJC215,RJC315,RJC320,RJC420~								
RJC440	6100*1050*1600	4000*400*120	52	Adjustable	12-60	1-12	130-180	2200
~RJC520,RJC530,RJC540,RJC550,RJC560,RJC590,RJC630,RJC640,RJC650~								
RJC660	8100*1200*1950	6000*600*150	110	Adjustable	14-90	1-16	360-500	3800
~RJC680,RJC680,RJC730,RJC740,RJC750,RJC760,RJC840,RJC850,RJC860~								
RJC860	8100*1400*2000	6000*800*260	130	Adjustable	14-90	8-50	550-800	5200

Grinding machine



Parameter / Model		SLM250-12B	SLM250-12B-S	SLM300-12B	SLM400-12B	SLM500-12B
Name						
Specification of grinding wheel		φ660×100×φ170	φ660×100×φ170	φ660×100×φ170	φ660×100×φ170	φ660×100×φ170
Diameter of feeding plate		φ740	φ740	φ740	φ740	φ740
Wire diameter of grinding spring		φ3~φ12	φ3~φ12	φ3~φ12	φ3~φ12	φ3~φ12
Outside diameter of grinding spring		φ20~φ130	φ20~φ130	φ20~φ130	φ20~φ130	φ20~φ130
Height of grinding spring		20~250	20~250	60~300	150~400	200~500
Outside dimensions		2600×2100×2800	2600×2100×2800	2600×2100×2800	2600×2100×3060	2600×2100×3100
(KW) Motor power	Upper grinding wheel motor	12.5	12.5	12.5	12.5	12.5
	Under grinding wheel motor	12.5	12.5	12.5	12.5	12.5
	Feeding plate motor	3	3	3	3	3
	Change feeding plate motor	/	1.5	/	/	/
	Elevating motor of upper grinding wheel	2.2	2.2	2.2	2.2	2.2
	Elevating motor of under grinding wheel	0.37	0.37	0.37	0.37	0.37
	Blower	1.5×2只	1.5×2只	1.5×2只	1.5×2只	1.5×2只
	Compensated motor of upper grinding wheel	0.14	0.14	0.14	0.14	0.14
	Total power	33.71	33.21	33.71	33.71	33.71

Rotate speed of feed plate		Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Rotate speed of grinding wheel		965	965	965	965	965
Displacement distance of grinding wheel	Under gringding wheel	250	250	250	250	250
	Under gringding wheel	70	70	70	70	70
Working accuracy	Verticality	≤0.025Ho	≤0.025Ho	≤0.025Ho	≤0.025Ho	≤0.025Ho
	Roughness	≤12.5	≤12.5	≤12.5	≤12.5	≤12.5
Power source						
Net weight of the machine		5500	5500	5500	6000	6000

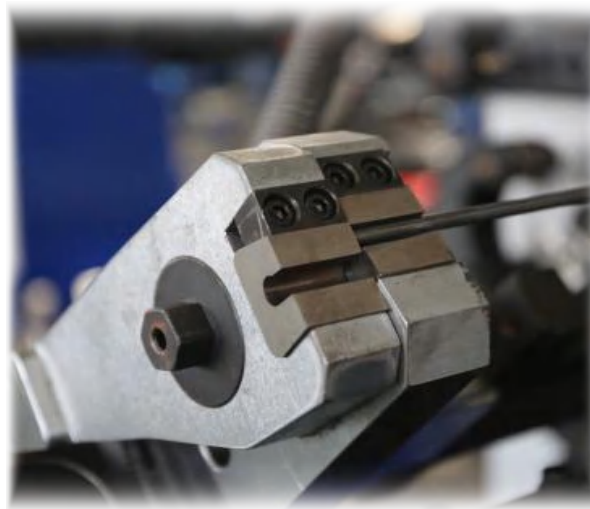
Parameter / Model		SLM180-6B	SLM180-6B-S	SLM250-9B	SLM250-9B-S	SLM400-9B	SLM600-10B
Name							
Specification of grinding wheel		φ400×55	φ400×50×φ203	φ450×65	φ450×65×φ50	φ450×65×φ50	φ450×65
Diameter of feeding plate		φ580	φ420	φ740	φ580	φ580	φ740
Wire diameter of grinding spring		φ0.8~φ6	φ0.8~φ6	φ1~φ9	φ1~φ9	φ1~φ9	φ1~φ10
Outside diameter of grinding spring		φ8~φ80	φ8~φ80	φ10~φ100	φ10~φ100	φ10~φ100	φ10~φ100
Height of grinding spring		10-180	10-180	20-250	20~250	20~400	300~600
Outside dimensions		2050×1660×2120	2050×2060×2120	2215×1900×2400	2215×2265×2400	2215×2265×2400	2215×2000×2850
(KW) Motor power	Upper grinding wheel motor	4	4	5.5	5.5	7.5	7.5
	Under grinding wheel motor	4	4	5.5	5.5	7.5	7.5
	Feeding plate motor	1.5	1.5	1.5	1.5	1.5	1.5
	Change feeding plate motor	/	1.5	/	1.5	/	/
	Elevating motor of upper grinding wheel	1.5	1.5	1.5	1.5	1.5	1.5
	Elevating motor of upper grinding wheel	0.18	0.18	0.18	0.18	0.18	0.18
	Blower	1.5	1.5	1.5	1.5	1.5	1.5×2
	Compensated motor of upper grinding wheel	0.14	0.14	0.14	0.14	0.14	0.14
	Total power	12.82	14.32	15.82	17.32	19.82	21.32
Rotate speed of feed plate							
Rotate speed of grinding wheel		1450	1450	1450	1450	1450	1450
Displacement distance of grinding wheel	Under gringding wheel	180	180	250	250	250	250
	Under gringding wheel	40	40	50	50	50	50
Working accuracy	Verticality	≤0.025Ho	≤0.025Ho	≤0.025Ho	≤0.025Ho	≤0.025Ho	≤0.025Ho
	Roughness	≤12.5	≤12.5	≤12.5	≤12.5	≤12.5	≤12.5
Power source		Three phase 380V AC 50hz	Three phase 380V AC 50hz	Three phase 380V AC 50hz	Three phase 380V AC 50hz	Three phase 380V AC 50hz	Three phase 380V AC 50hz
Net weight of the machine		2200	2500	2800	3500	3500	4500

Machine Tools

Automatic wire feeder(150-1000kg)



Spinner axis & Servo motor cutter



Spring Machine Tools



Product Samples

