

企业产品宣传册

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ENTERPRISE PRODUCT BROCHURE



全球时尚产业互联网+、智能制造、
智慧物流无缝融合全面解决方案的专业服务商



长园和鹰服务号



长园和鹰订阅号



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➤ COMPANY PROFILE

Shanghai Yin Science & Technology Co., Ltd. (Changyuan Group: 600525.SH) was founded in 2006 and it is a global total solution provider of clothing digital equipment. Relying on its innovative technologies, excellent research and development capabilities and strong financial abilities, the CNC cutting systems of YIN have been leading the sales market for many years.

The products of the company are exported to Japan, India, Brazil, USA, Germany, United Kingdom and many other countries and regions, and it has established close cooperative relations with many overseas agents. It is the industry leader in CNC cutting equipment and clothing intelligent equipment in the world. The company is committed to promote technical innovation of China's cutting equipment and popularize automatic cutting technology, and constantly promotes the technical innovation of this industry to provide total solutions for customers around the world.

YIN has a variety of products such as CNC cutter, automatic spreader, CAD layout software, intelligent hanging conveyor system, intelligent storage system, etc. The products are widely used in the field of soft materials, including clothing, bags, shoes and hats, automotive interiors, aerospace, home furnishing and so on.

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CNC Cutter HY-HCN series upgraded

Automatic equipments applicable for mass cutting operations



Characteristics:

- 1. It is equipped with dust collecting device, which helps save maintenance time and improve the service life of equipment and consumables.
- 2. The cutter head is L-shape designed and the main drive shaft structure is optimized to make the equipment running more smoothly.
- 3. It is equipped with new high-efficiency energy-saving pump to reduce the equipment noise, and it can reduce power and save energy but in the same performance.

Updated functions:

- 1. Cylinder type re-covering: More timely and effective re-covering method is used based on the cutting traces so that the negative pressure is guaranteed to the maximum.
- 2. Integrated processing: It has greater integral stability and higher frame rigidity to ensure the cutting accuracy and working precision of the guide rails.
- 3. Optimized vacuum pipe: It can reduce the noises and vibrations arising from the operation of the cutter and achieve less vacuum attenuation and smoother air flow.
- 4. Four-sided electronic safety bar: It protects the machine and human safety to the greatest extent.
- 5. Easier maintenance of the machine: The procedures for maintenance of the vacuum pump and electric control box are simplified and the maintenance becomes easier.
- 6. Control by wireless controller: The movable machine is controlled by remote controller and then the safety of operations is improved.
- 7. Appearance upgrade: Innovative family-style and technological-sense appearance design.
- 8. Brand upgrade: The key components are updated which improves the machine quality and reduce the maintenance.

Technical Data:

型号/Model	HCN17	HCN20	HCN23
设备总长/Length	6861mm		
设备总宽/Width	2625mm	2925mm	3225mm
设备总高/Height	2184mm		
设备净重/Net Weight	3900kg	4200kg	4600kg
裁剪高度/Cutting Height	5/7/11cm (Optional)		
刀盘/Cutter Head	1.6/2.0/2.5/3.0mm (Optional)		
磨刀方式/Grinding Mode	Double Round Disrotatory		
最高机械速度/Maximum Speed	60m/min		
电源/Power Supply	380V 50Hz		
气流量/Air Flow	160L/min		
气压/Pressure	≥0.5MPa		
最大功率/Maximum Power	30kW		
减速机背隙/Reducer Backlash	0.05°		
再覆盖/Recover	Manual/Air Cylinder (Optional)		
惯量推定/Inertia Calculation	Self-adjusting		
编码器位数/Encoder Bits	20-bit/23-bit/24-bit		
安全防撞装置/Anticollision Device	Optronic Sensor (Optional)		
移动控制方式/Moving Control Mode	Wireless controller		
导轨安装/Guide Rail Installation	Integral processing and forming installation		
低压电气/Low Voltage	Imported Brands		
直线导轨/Guide Rail Mounting	Taiwan Brand		
伺服/Servo Motor	Japanese Brand		
减速机/Reducer	Japanese Brand		
外观/Appearance	Family-style and technological-sense		

Note: The machine can be customized according to your actual demands (the outline dimensions and theparapemters of the customized machine will be changed accordingly.)

CNC cutter HY-SN series Upgraded

Automatic machine applicable for Made-to-Measure operations



Characteristics:

- 1、The up and down reciprocating straight blade cutting is used to make the cutting more faster and precisely.
- 2、The cutting arc and blade can be automatically adjusted to make the cutting more precisely.
- 3、Segmented absorption and segmented cutting make the spreading, cutting and pick-up operations to be developed simultaneously.
- 4、It has fault self-diagnosis function which makes the operations more simple.

Upgraded functions:

- 1、Four-sided electronic safety bar: It protects the machine and human safety to the greatest extent.
- 2、Easier maintenance of the machine: The procedures for maintenance of the vacuum pump and electric control box are simplified and the maintenance becomes easier.
- 3、Appearance upgrade: Innovative family-style and technological-sense appearance design.
- 4、Brand upgrade: The key components are updated which improves the machine quality and reduce the maintenance.

Technical Data:

型号/Model	SN 0909	SN 1609
设备总长/Length	10320mm	
设备总宽/Width	1560mm	2310mm
设备总高/Height	1140mm	
设备净重/Net Weight	3000kg	4200kg
裁剪高度/Cutting Height	0.5cm	
磨刀方式/Grinding Mode	Double Round Disrotatory	
最高机械速度/Maximum Speed	60m/min	
电源/Power Supply	380V 50Hz	
气流量/Air Flow	160L/min	
气压/Pressure	≥0.5MPa	
最大功率/Maximum Power	22kW	
减速机背隙/Reducer Backlash	0.05°	
惯量推定/Inertia Calculation	Self-adjusting	
编码器位数/Encoder Bits	20-bit/23-bit/24-bit	
安全防撞装置/Anticollision Device	Optronic Sensor (Optional)	
低压电气/Low Voltage	Imported Brands	
直线导轨/Guide Rail Mounting	Double C Rail	
伺服/Servo Motor	Japanese Brand	
减速机/Reducer	Japanese Brand	
外观/Appearance	Family-style and technological-sense	

Note: The machine can be customized according to your actual demands (the outline dimensions and theparapemters of the customized machine will be changed accordingly.)

Automatic spreader SM-1AN upgraded

Dual-purpose automatic spreader for knitted and woven fabrics



- ① Movable handle
- ② Blade holder
- ③ Console control area
- ④ Human-computer interaction interface

Characteristics:

- 1. Full servo control system to make spreading more precisely.
- 2. Automatic edge alignment device and automatic machine shutdown in case of no feed of fabrics.
- 3. Synchronous baseket and drum feed system.
- 4. Pre-feeding mechanism to eliminate fabric tension and achieve tension-free spreading.
- 5. Automatic blade grinding system and adjustable cutting width.
- 6. Fabric flattening function provided to ensure the smoothness of the produced fabric.

Upgraded functions:

- 1. Tooth-shaped flattening strips: Flattening while spreading to ensure the fabrics to be spreaded evenly.
- 2. Appearance upgrade: Innovative family-style and technological-sense appearance design.
- 3. Brand upgrade: The key components are updated which improves the machine quality and reduce the maintenance.

Technical Data:

型号/Model	SM-1AN 1.6M	SM-1AN 2.0M	SM-1AN 2.2M
设备总长/Length	1304mm		
设备总宽/Width	2305mm	2705mm	2905mm
设备总高/Height	815mm		
设备净重/Net Weight	380kg	450kg	490kg
铺布宽度/Spreading Width	1.6M	2.0M	2.2M
铺布高度/Spreading Height	200mm		
铺布精度/Spreading Precision	Longitudinal≤8mm Horizontal≤5mm		
铺布最高速度/Maximun Speed	90m/min		
布料最大重量/Maximum Cloth Weight	60kg	80kg	100kg
电源/Power Supply	Single phase220V 50Hz		
最大功率/Maximum Power	2.7kW		
滚筒附件/Roller Accessory	Auger-Type/Vane Type (Optional)		
减速机背隙/Reducer Backlash	0.08°		
低压电气/Low Voltage	Imported Brands		
传动系统/Transmission System	Japanese Brand		
外观/Appearance	Family-style and technological-sense		

Note: The machine can be customized according to your actual demands (the outline dimensions and theapapemters of the customized machine will be changed accordingly.)



Automatic spreader SM-IIAN Upgraded

Automatic spreader applicable for folded fabrics



- ① Movable handle
- ② Blade holder
- ③ Console control area
- ④ Human-computer interaction interface

Characteristics:

- 1、 Full servo control system to make the spreading more precisely.
- 2、 Automatic edge-coupling device and automatic machine shutdown in case of no feed of fabrics.
- 3、 Multi-stage roller transmission to achieve tension-free spreading.
- 4、 Encoder positioning to ensure the accuracy of fabric spreading length.
- 5、 Automatic blade grinding system and adjustable cutting width.
- 6、 Fabric flattening function provided to ensure the smoothness of the produced fabric.

Upgraded functions:

- 1、 Blade-type flattening drum: A more stable way of flattening fabrics, flattening while running, more compact structure.
- 2、 Appearance upgrade: Innovative family-style and technological-sense appearance design.
- 3、 Brand upgrade: The key components are updated which improves the machine quality and reduce the maintenance.

Technical Data:

型号/Model	SM-IIAN 1.6M	SM-IIAN 2.0M	SM-IIAN 2.2M
设备总长/Length	1460mm		
设备总宽/Width	2305mm	2705mm	2905mm
设备总高/Height	859mm		
设备净重/Net Weight	350kg	420kg	460kg
铺布宽度/Spreading Width	1.6M	2.0M	2.2M
铺布高度/Spreading Height	200mm		
铺布精度/Spreading Precision	Longitudinal≤8mm Horizontal≤5mm		
铺布最高速度/Maximun Speed	90m/min		
布料最大重量/Maximum Cloth Weight	60kg	80kg	100kg
电源/Power Supply	Single phase220V 50Hz		
最大功率/Maximum Power	2.0kW		
滚筒附件/Roller Accessory	Auger-Type/Vane Type (Optional)		
减速机背隙/Reducer Backlash	0.08°		
低压电气/Low Voltage	Imported Brands		
传动系统/Transmission System	Japanese Brand		
外观/Appearance	Family-style and technological-sense		

Note: The machine can be customized according to your actual demands (the outline dimensions and theparapemters of the customized machine will be changed accordingly.)



Automatic spreader SM-IXN Upgraded

Automatic spreader applicable for folded fabrics and rolled fabrics



Characteristic:

- 1、 Full servo control system to make the spreading more precisely.
- 2、 Automatic edge-coupling device and automatic machine shutdown in case of no feed of fabrics.
- 3、 Flattening belt used to flatten fabrics.
- 4、 Automatic blade grinding system and adjustable cutting width.
- 5、 Folded fabrics and rolled fabrics spread on the same machine.
- 6、 Encoder positioning to ensure the accuracy of fabric spreading length.
- 7、 Pre-feeding mechanism provided to eliminate fabric tension and achieve tension-free spreading.
- 8、 Fabric flattening function provided to ensure the smoothness of the produced fabric.

Upgraded functions:

- 1、 Blade-type flattening drum: A more stable way of flattening fabrics, flattening while running, more compact structure.
- 2、 Appearance upgrade: Innovative family-style and technological-sense appearance design.
- 3、 Brand upgrade: The key components are updated which improves the machine quality and reduce the maintenance.

Technical Data:

型号/Model	SM-IXN 1.6M	SM-IXN 2.0M	SM-IXN 2.2M
设备总长/Length	1549mm		
设备总宽/Width	2346mm	2746mm	2946mm
设备总高/Height	788mm		
设备净重/Net Weight	430kg	530kg	630kg
铺布宽度/Spreading Width	1.6M	2.0M	2.2M
铺布高度/Spreading Height	180mm		
铺布精度/Spreading Precision	Longitudinal≤8mm Horizontal≤5mm		
铺布最高速度/Maximun Speed	90m/min		
布料最大重量/Maximum Cloth Weight	60kg	80kg	100kg
电源/Power Supply	Single phase220V 50Hz		
最大功率/Maximum Power	2.7kW		
滚筒附件/Roller Accessory	Auger-Type/Vane Type (Optional)		
减速机背隙/Reducer Backlash	0.08°		
低压电气/Low Voltage	Imported Brands		
传动系统/Transmission System	Japanese Brand		
外观/Appearance	Family-style and technological-sense		

Note: The machine can be customized according to your actual demands (the outline dimensions and the parapemters of the customized machine will be changed accordingly.)



● Intelligent hanging conveyor system E3000 standard type

Applicable for most of the cutting line sewing operations in the textile industry



● Characteristics:

- 1、Structures optimized and stabilized, beam and post profiles upgraded and overall structural quality and overall stability improved.
- 2、ABS split-type five-claw hanger, which can load a large number of pieces, and is easy to replace split structures.
- 3、The strong software functions can meet the demands of small batch and multi-variety orders, and a Tablet PC with visual touch screen is optional to achieve customized production.
- 4、Ethernet data communication with high transmission speed.
- 5、High fault tolerance capability and single workstation repair in case of fault to avoid affecting the normal operation of the other stations.

● Scope of application:



Jeans



Down coat



T-shirt



Shirt

● Intelligent hanging conveyor system ED3000 basket type

Applicable for sewing of women's bras, underwear and other small-sized pieces



● Characteristics:

- 1、Structures optimized and stabilized, beam and post profiles upgraded and overall structural quality and overall stability improved.
- 2、Small size pieces that are not easy to be clipped may be placed in the hanging basket for sewing and processing.
- 3、The hanging basket is in the sewing work area at an accurate position, and the basket is inclined at 45 degrees for easy access.
- 4、The strong software functions can meet the demands of small batch and multi-variety orders, and a Tablet PC with visual touch screen is optional to achieve customized production.
- 5、Ethernet data communication with high transmission speed.
- 6、High fault tolerance capability and single workstation repair in case of fault to avoid affecting the normal operation of the other stations.

● Scope of application:



Bra



Underwear



Shoes



Hats