

Website: [www.yinengtech.com](http://www.yinengtech.com)

**Efficient • Accurate**



# YINENGTECH

- Provide Service for over 5000 Clients
- Over 40 Countries

■ [www.yinengtech.com](http://www.yinengtech.com)



## ◆ About us

YINENGTECH, the professional supplier of auto cutting solutions in Wuhan, China, which covers an area of over 75,000m<sup>2</sup>. We own more than 20 years experience on cutting system from the year of 2002.

As a professional automatic cutting system supplier, until now we have provided automatic cutting solutions for over 5,000 customers from more than 40 countries around the world, which all over Asia, Europe, North America, South America, and Africa, covering clothing, furniture, bags, toys, shoes, automotive, aerospace, wind power materials and other fields.

We respond to the call of Times, set sail from optical valley, China, to create the best solutions for all soft materials cutting solutions, Providing high quality, highprecision, professional and perfect services to those in need in the world.

Here we take responsibility, full of passion, here we rational layout, face the challenge, Here we innovate beyond and flourish. With advanced cutting technology making “MADE IN CHINA” most Popular in the world.



65+

(Domestic After-sales Service Offices)

70000+

(Factory covers an area of over 70,000m<sup>2</sup>)

30+

(More than 30 overseas agents and distributors)



## Enterprise Positioning

Focusing on providing high-tech and high-quality intelligent cutting system



## Enterprise Mission

Make Yinengtech intelligent cutting system famous all over the world.



## Enterprise Vision

Change the working way with science and technologyinnovation;  
Make intelligent cutting more accurate, more efficient, more intelligent.







## Contents

- KP-A2028 Auto Cutter
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- KP-LS Auto Spreading Machine
- KP-D Auto Labeling Machine
- Optional System
- Application Industries
- Customer Site
- Global Services



Certificates of  
Quality System



Over 100 Patents of  
invention and utility model  
Independent copyright for  
cutting system control  
software



A Number of  
Corporate Honors



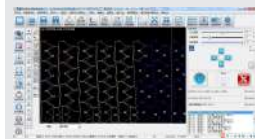


KP-A2028 Auto Cutter

Technical Parameters>>>>>>>>

Model.NO	KP-A2028	Model.NO	KP-A2028
Cutting Area(w*I)	2000*2700mm	Software	YINENG Cutting Program
Machine Dimensions	6200*3500*2150mm	Control System	YINENG CUT V3.0
Weight	4.2T	Cooling System	Auto Air Cooling System
Max Positioning Speed	60m/min	Sharpen Way	Sharpening Stone System
Cutting Thickness	7/11cm	Max Speed	4500rpm/min
Cutting Accuracy	≤±1mm	Motor & Driver	Servo Drive System
Power	16-25kw	Machine Power	AC380V/ 50Hz
Cutting Style	Straight Knife Cutting	Air Pressure Supply	0.55MPa 160L/min

1 Controll System



- Cutting control system CutV3.0 by Yineng-tech.
- Compatible with 98%-clothing CAD software.
- Can realize red light preview.
- Breakpoint recovery cutting function.

2 Electrical System



- Electrical system adopts an automatic control system.
- Large number of imported components effectively protects the stable operation of the equipment .
- Cutting accuracy with highprecision.
- Highspeed servo drive system.

3 Transmission System



- Transmission mode adopts high precision rack and gear transmission system.
- High transmission accuracy.
- Stable start and stop, long service life.

4 Cutting head



- Cutter head adopts principle of Japanese system.
- High hardness and light core components head,long service life.
- High stability, guarantee the high cutting accuracy during highspeed operation.

5 Sharpening



- Adopt double wheerotation sharpening system
- High sharpening efficiency and long service life of the grinding wheel.



Application Industries: Products involved in clothing, home textiles, medical, inflatables, sofas, shoes and hats, luggage, plush toys, car interiors and other applications.



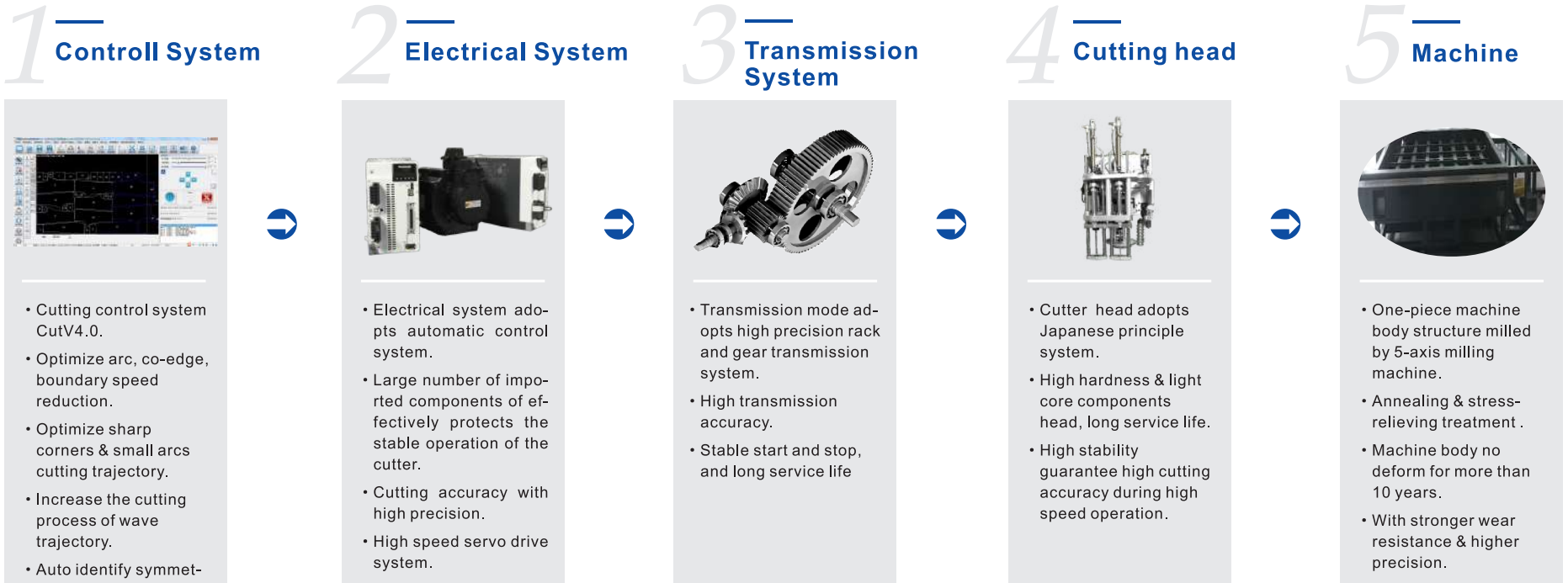




KP-X Auto Cutter

Technical Parameters>>>>>>>>>

Model.NO	KP-X1725	KP-X2025	KP-X2325	KP-X1733	KP-X2033	KP-X2333
Cutting Area(w*I)	1650*2300mm	1950*2300mm	2230*2300mm	1650*3100mm	1950*3100mm	2250*3100mm
Machine Dimensions	5900*2950*2150mm	5900*3250*2150mm	5900*3550*2150mm	7500*2950*2150mm	7500*3250*2150mm	7500*3550*2150mm
Weight	4.2T	4.5T	4.8T	4.8T	5T	5.5T
Max Positioning Speed	70m/min			Cooling System	Auto Air Cooling System	
Cutting Thickness	7/9cm			Sharpen Way	Sharpening Stone System	
Cutting Accuracy	≤±1mm			Max Speed	4500rpm/min	
Power	16-25kw			Motor & Driver	Panasonic Servo Motors & Drivers	
Cutting Style	Straight Knife Cutting			Machine Power	AC380V/50Hz	
Software	YINENG Cutting Program			Air Pressure Supply	0.55MPa 160L/min	
Control System	YINENG CUT V4.0					





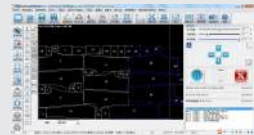


## KP-E20 Automatic Fabric Cutting Machine

### Technical Parameters>>>>>>>>

Model.NO	KP-E20		
Cutting Area(w*l)	1950*1800mm		
Machine Dimensions	4850*3250*2150mm		
Weight	4.5T		
Max Positioning Speed	70m/min	Cooling System	Auto Air Cooling System
Cutting Thickness	7/9cm	Sharpen Way	Sharpening Stone System
Cutting Accuracy	≤±1mm	Max Speed	4500rpm/min
Power	16-25kw	Motor & Driver	Panasonic Servo Motors & Drivers
Cutting Style	Straight Knife Cutting	Machine Power	AC380V/50Hz
Software	YINENG Cutting Program	Air Pressure Supply	0.55MPa 160L/min
Control System	YINENG CUT V4.0		

#### 1 Controll System



- Cutting control system CutV4.0.
- Optimize arc, co-edge, boundary speed reduction.
- Optimize sharp corners & small arcs cutting trajectory.
- Increase the cutting process of wave trajectory.
- Auto identify symmetrical graphics.
- Identify symmetrical graphics in batches according to the symmetrical template.
- I notch and V notch & size setting.

#### 2 Electrical System



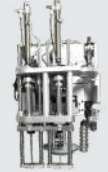
- Electrical system adopts automatic control system.
- Large number of imported components effectively protects the stable operation of the cutter.
- Cutting accuracy with high precision.
- High speed servo drive system.

#### 3 Transmission System



- Transmission mode adopts high precision rack and gear transmission system.
- High transmission accuracy.
- Stable start and stop, and long service life

#### 4 Cutting head



- Cutter head adopts Japanese principle system.
- High hardness & light core components head, long service life.
- High stability guarantee high cutting accuracy during high speed operation.

#### 5 Machine



- One-piece machine body structure milled by 5-axis milling machine.
- Annealing & stress-relieving treatment .
- Machine body no deform for more than 10 years.
- With stronger wear resistance & higher precision.



Application Industries: clothing, home textiles, medical, inflatables, sofas, shoes and hats, luggage, plush toys, car interiors and other applications.







KP-ES Auto Cutter

Technical Parameters>>>>>>>>

Model.NO	KP-ES1725	KP-ES2025	KP-ES2325	KP-ES1733	KP-ES2033	KP-ES2333
Cutting Area(w*l)	1650*2300mm	1950*2300mm	2230*2300mm	1650*3100mm	1950*3100mm	2250*3100mm
Machine Dimensions	5900*2950*2150mm	5900*3250*2150mm	5900*3550*2150mm	7500*2950*2150mm	7500*3250*2150mm	7500*3550*2150mm
Weight	4.2T	4.5T	4.8T	4.8T	5T	5T
Max Positioning Speed	100m/min		Cooling System		Optional Super Cooling System	
Cutting Thickness	9cm		Sharpen Way		Belts Sharpening System	
Cutting Accuracy	≤±1mm		Max Speed		6000rpm/min	
Power	16-25kw		Motor & Driver		Yaskawa Servo Motor	
Cutting Style	Straight Knife Cutting		Driving mode		Bilateral Drive	
Software	YINENG Cutting Program		Machine Power		AC380V/50Hz	
Control System	YINENG CUT V5.0		Air Pressure Supply		0.55MPa 160L/min	

1

Controll System

2

Body and Electrical

3

Sharpening System

4

Cutting head

5

Bilateral Drive System



- Cutting control system CutV5.0 by Yinengtech
- Super cooling controller for easy melting materials to reduce the viscous of chemical fiber materials.
- Double-gear sharpening controller increase autocompensation for sharpening loss.
- Arbitrary segmented cutting for multiple sharp graph ensure the cutting accuracy.
- Make Batch identification to the set segmented process template graphics.



- One-piece machine body structure milled by 5-axis milling machine.
- Annealing & stress-relieving treatment .
- Electrical system adopts automatic control system.
- Large number of imported components protects the stable operation of the electrical control system.
- Japanese Yaskawa full digital AC servo driver system ensure the high precision cutting.



- Adopt belt sharpening method, high speed sharpening speed.
- Sharper blade, more uniform, ensuring high speed cutting accuracy.



- Cutter head adopts the principle of European and American systems.
- Cutter head more stronger strength.
- Greater bearing capacity, less vibration.
- High wear resistance of core components ensuring stable cutting at high speed.



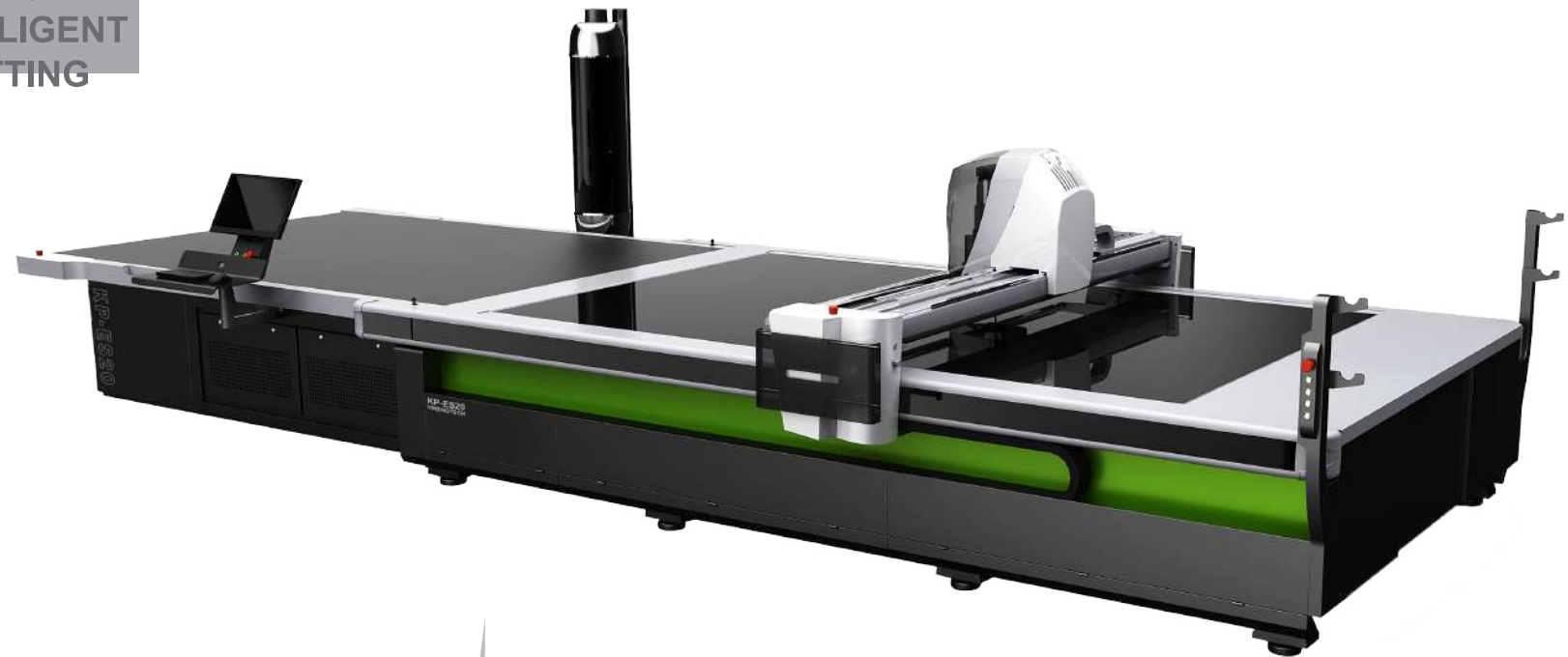
- Dual-motor synchronous drive, stronger stability during high speed operation.
- Faster response speed, smooth running.
- Stronger acceleration and deceleration ability of the whole machine.



Application Industries: clothing, home textiles, medical, inflatables, sofas, shoes and hats, luggage, plush toys, car interiors and other applications.





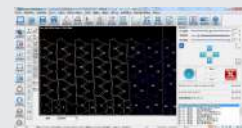


KP-ES20 Auto Cutter

Technical Parameters>>>>>>>>>

Model.NO	KP-ES20		
Cutting Area(w*l)	1950*1800mm		
Machine Size	4850*3250*2150mm		
Weight	4200KG		
Max Positioning Speed	100m/min	Contral System	KP- 5.0 Version
Cutting Thickness	Max 9cm	Sharpen Type	Stone
Cutting Accuracy	Less Then 1mm	Main Speed	6000pm/min
Cutting Style	Straight Knife	Motor	Japan Yaskawa Original
Software	Muti Language	Power	380V/50HZ
Contral System	KP- 5.0 Version	Air Request	0.55MP 160L/MIN

1 Controll System



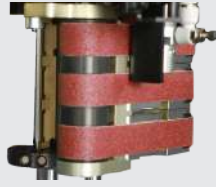
- Cutting control system CutV5.0 by Yinengtech
- Super cooling controller for easy melting materials to reduce the viscous of chemical fiber materials.
- Double-gear sharpening controller increase autocompensation for sharpening loss.
- Arbitrary segmented cutting for multiple sharp graph ensure the cutting accuracy.
- Make Batch identification to the set segmented process template graphics.

2 Body and Electrical



- One-piece machine body structure milled by 5-axis milling machine.
- Annealing & stress-relieving treatment .
- Electrical system adopts automatic control system.
- Large number of imported components protects the stable operation of the electrical control system.
- Japanese Yaskawa full digital AC servo driver system ensure the high precision cutting.

3 Sharpening System



- Adopt belt sharpening method, high speed sharpening speed.
- Sharper blade, more uniform, ensuring high speed cutting accuracy.

4 Cutting head



- Cutter head adopts the principle of European and American systems.
- Cutter head more stronger strength.
- Greater bearing capacity, less vibration.
- High wear resistance of core components ensuring stable cutting at high speed.

5 Bilateral Drive System



- Dual-motor synchronous drive, stronger stability during high speed operation.
- Faster response speed, smooth running.
- Stronger acceleration and deceleration ability of the whole machine.



Application Industries: clothing, home textiles, medical, inflatables, sofas, shoes and hats, luggage, plush toys, car interiors and other applications.







## KP-L Auto Spreading Machine

## Technical Parameters>>>>>>>>

Model.NO	KP-L160S	KP-L190S	KP-L210S
Max Fabric Width	1600mm/63’’	1900mm/75’’	2100mm/83’’
Table Size	1830mm/72’’	2130mm/84’’	2330mm/92’’
Voltage	220V/1P	220V/1P	220V/1P
Motor Power	1.5KW	1.5KW	1.5KW
Working Speed	96m/min	96m/min	96m/min
One Way Spreading(Face Up)	20cm	20cm	20cm
Zigzag Spreading(Face to Face)	18cm	18cm	18cm
Fabric Weight	80KG	80KG	80KG
Diameter of Fabric Roller	55cm	55cm	55cm
Machine Dimensions	2370*1850*950mm	2670*1850*950mm	2870*1850*950mm
Package Size	2516*2000*1250mm	2800*2000*1250mm	2950*2000*1250mm
N.W/G.W	370kg/430kg	420kg/470kg	440kg/490kg



Rolled cloth/bolt cloth spreading

Equipped with power bucket

Applicable to all kinds of knitted/woven fabrics,  
both rolled cloth and bolt cloth



### Bolt cloth spreading

Equipped with power bucket

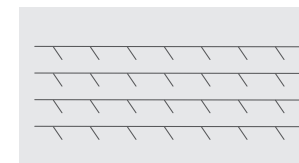
Applicable to bolt clothes of all kinds  
of knitted/woven fabrics



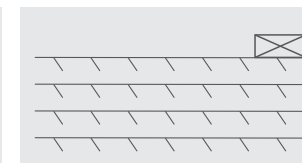
### Rolled cloth spreading

Bucket with support rod

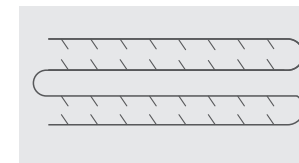
Applicable to woven/composite/non-elastic  
rolled fabrics



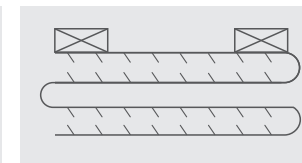
- Ordinary one way spreading(face up)
- Configure regular cutter
- Suitable for one way spreading of common knitted fabrics



- One way spreading with front catcher
- Equipped with front pressure cutter
- Suitable for one way spreading of common knitted and woven fabrics



- Ordinary zigzag spreading(face to face)
- No additional configuration
- Applicable to ordinary knitted fabric zigzag spreading



- Zigzag spreading with front and end catcher
- Applicable to zigzag spreading for common
- Knitted/laminated and other fabrics

The cutter set is universal with or without pressure, and the inclination angle of the bottom plate of the cutter is the largest inclination angle on the market at present, which can be used for a variety of fabrics.







## KP-LS Auto Spreading Machine

### Technical Parameters>>>>>>>>

Model.NO	KP-LS160	KP-LS190	KP-LS210	KP-LS230
Max Fabric Width	1600mm/63''	1900mm/75''	2100mm/83''	2300mm/90''
Table Size	1830mm/72''	2130mm/84''	2330mm/92''	2530mm/100''
Voltage	220V/1P	220V/1P	220V/1P	220V/1P
Motor Power	6KW	6KW	6KW	6KW
Working Speed	120m/min	120m/min	120m/min	120m/min
One Way Spreading(Face Up)	25cm	25cm	25cm	25cm
Zigzag Spreading(Face to Face)	23cm	23cm	23cm	23cm
Fabric Weight	200KG	200KG	200KG	200KG
Diameter of Fabric Roller	70cm	70cm	70cm	70cm
Machine Dimensions	2370*1850*950mm	2670*1850*950mm	2870*1850*950mm	3070*1850*950mm
Package Size	2516*2000*1250mm	2800*2000*1250mm	2950*2000*1250mm	3170*2000*1250mm
N.W/G.W	400kg/460kg	450kg/510kg	500kg/560kg	550kg/610kg

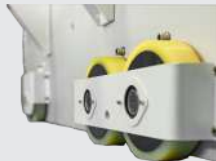
#### 1 Initiate Dual Drive System



- Initiate dual-drive servo travel motor with no error on the left and right.
- With stronger power and highest running speed can reach 120m/min.



#### 2 The big six wheels run independ ently



- Dual-drive four-wheel walking, stable operatio-n, more precise braking, and the error can be controlled within 1mm.



#### 3 Multi - rod cloth releasing device



- Making the cloth no tension, and truly realizes the replacement of knitted and woven fabrics at any time.
- Solving the problem of frequent adjustment of parameters due to slippage of the fabrics.



#### 4 Autonomous control system



- Independently develop-ed control system.
- Large expansible space.
- Real-time connection to the data on IOT.



#### 5 Intelligent identification system



- Intelligent cutter rise up & down.
- Automatic place down fabric.
- Automatic cloth collection.
- Automatic joint fabric.




This machine is suitable for woven fabrics, milk silk, swimming trunks, underwear, polar fleece, fibers and other fabrics; suitable for sticky fabrics such as bags, down jacket coated fabrics, etc.






INTELLIGENT LABELING



KP-D Auto Labeling Machine


Product Advantages



Green and environmentally friendly

Use special thermal paper, will not contaminate the fabric


Marking speed is within 2s, very fast



Reduce difficulty of manual production process

The precise algorithm of YINENG self-developed system

Dual functions: Remote control & sreen click control



Android system, strong compatibility

Double-sided servo drive, the equipment runs more stably

Realize integrated intelligent production

Technical Parameters>>>>>>>>

Model.NO	KP-D-160	KP-D-180	KP-D-190	KP-D-200	KP-D-210	KP-D-220	KP-D-240
Max Fabric Width	1600mm	1800mm	1900mm	2000mm	2100mm	2200mm	2400mm
Tabel Width(mm)	183±3	203±3	213±3	223±3	233±3	243±3	263±3
Machine Size(mm)	2500*695*555	2700*695*555	2800*695*555	2900*695*555	3000*695*555	3100*695*555	3300*695*555
Package Size(mm)	2650*810*520	2850*810*520	2950*810*520	3050*810*520	2150*810*520	3250*810*520	3450*810*520
Weight	236KG	252KG	260KG	268KG	276KG	284KG	300KG
Labeling speed	800mm/s, 32pcs/min			Air pressure	0.6-0.8MP		
Power Supply	Alternating current 220V/50-60Hz			Print method	Thermal (no ribbon required)		
Spindle power	0.35kw			Printing head life	About 30 million labels(3000 roll)		
Max working height	0-165mm			Print resolution	203dpi		
Compatible formats	NC/DXF/CUT/GBR/TAC/DAT			Data transfer	WIFI or USB flash drive		
Label specifications	1000 labels/volume, 30*40mm			Operation system	Windows system		

Configuration Selection

Standard Configuration		Optional Configuration	
12.5-inch display QR code printing	QR code printing	Data collection	Japanese electric guide rail
Remote control	Dimension information labeling	Cutting report	Japanese electric pulley
Servo control system	Inter layer labeling	Automatic seam system	Japanese load rope box and end cap
Full-time four-wheel drive	Linkage with cutting information	OCR character recognition	Garment ironing machine
		Motion air tube suspension ring	Air floating powder table(with standard spare parts)

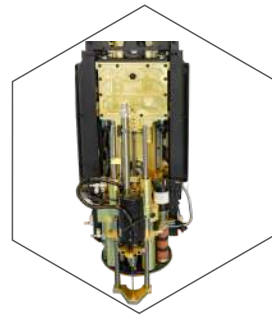
Industrias de aplicación: Productos relacionados con prendas de vestir, textiles para el hogar, productos médicos, inflables, sofás, zapatos y sombreros, equipaje, juguetes de peluche, interiores de automóviles y otras aplicaciones.



Optional Treble Drills



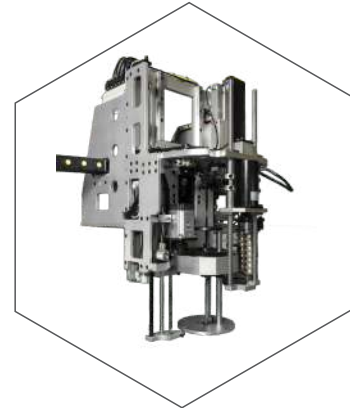
Optinal Double Drills



Optional Internar And External Structure  
Knife Disk Blade Plate



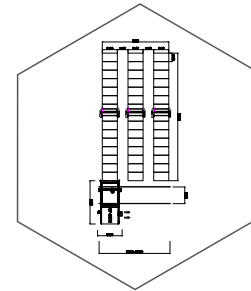
Optional Single Structure Disk



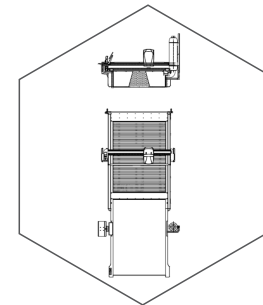
Optional 7/9cm Blade Cutting Head



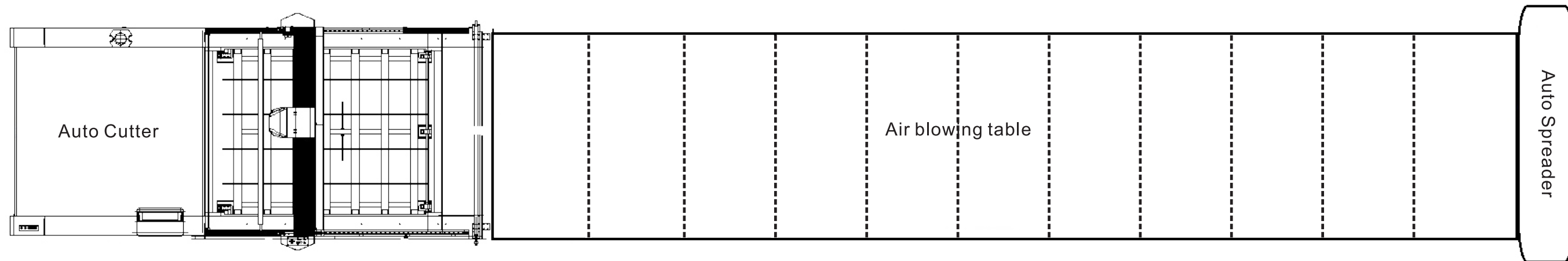
Optional Supper Cooling Device



Optional Movable Device

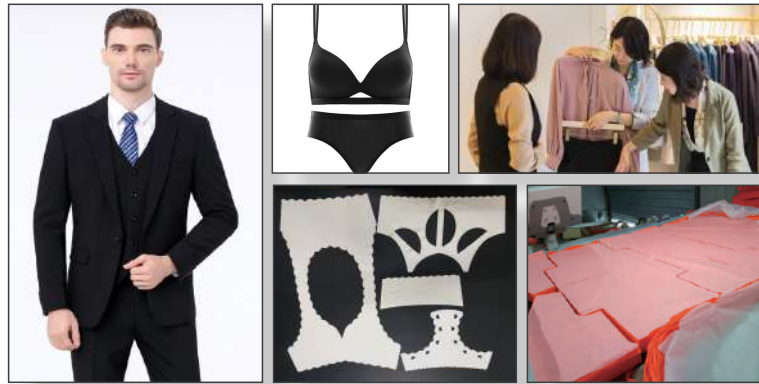


Optinal Reverse Direction  
Operating System

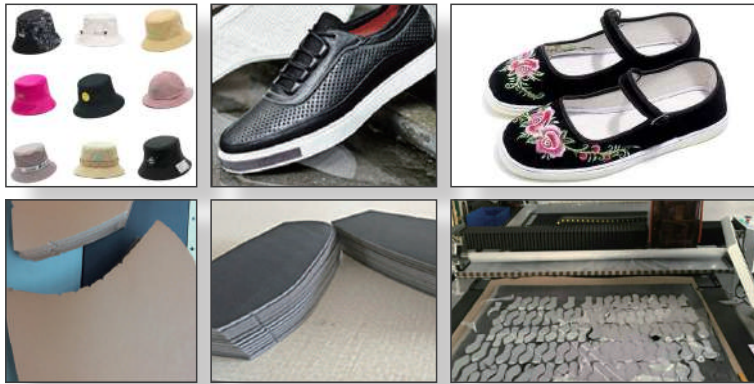




Clothing



Shoe and Hat Industry



Car Seats



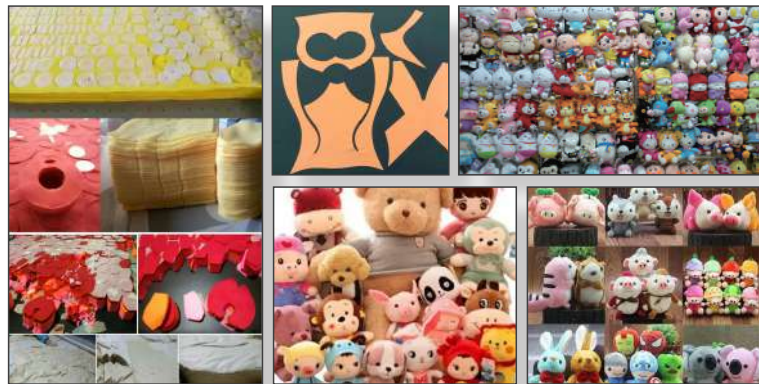
Furniture



Medical Supplies



Plush Toy Industry



Luggage



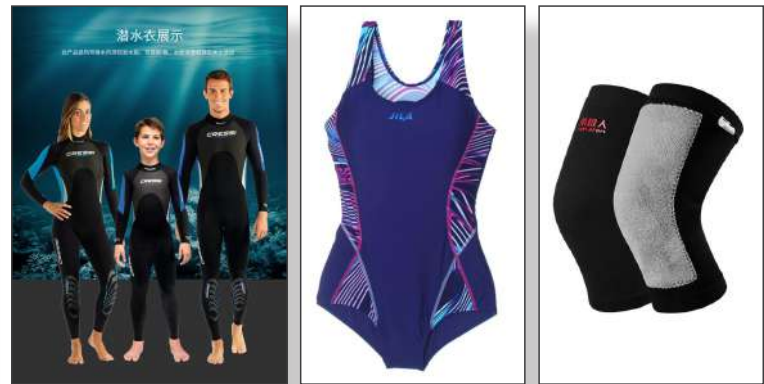
Home Textiles



Inflatable Model



Sports Supplies







China

India



Vietnam

Turkey



Bangladesh

Indonesia



Uzbekistan

Mexico



Morocco



Thailand





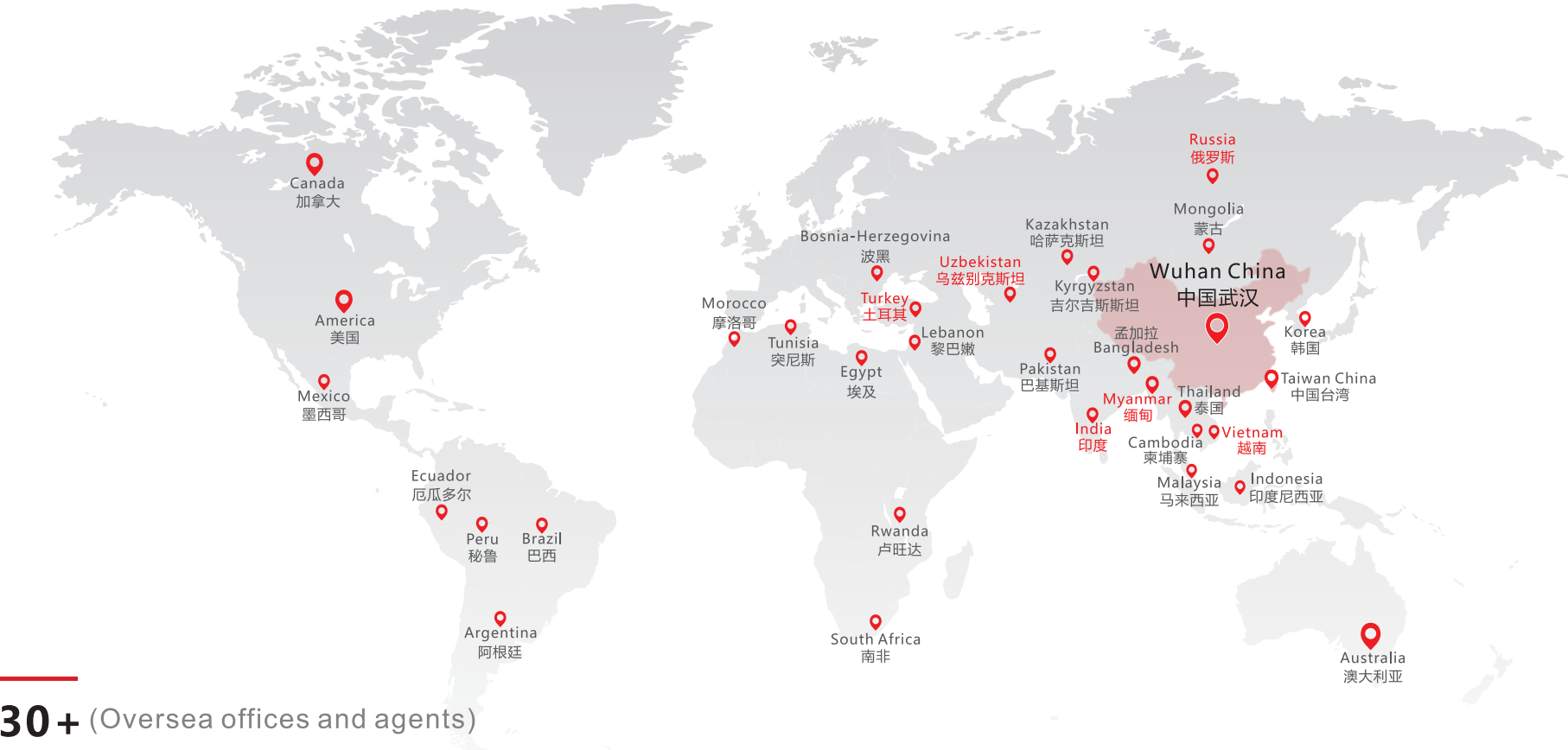
Yinengtech are serving more than 5000 clients from over 40 countries all over the world.

We have set up a high efficiency service system, with 65 aftersales service centers and 16 offices in China, fully realizing "close to users, extended service".

We have set up sales and after-sale service system in more than 20 countries like Vietnam, India, Bangladesh, Turkey, Uzbekistan, Brazil, South Africa and so on.



**65+** (Domestic After-sales Service Agents)



**30+** (Overseas offices and agents)

## After-sales Service

Provide free warranty and maintenance during the warranty period, and actively respond to various technical support and maintenance requirements put forward by customers to ensure the normal use of the equipment.

## Daily Service

Consulting services, technical support, project evaluation, free training. A comprehensive service management system and a sound service process are the basis for ensuring high-quality services.

## Technical Services

According to the customer's needs and specific conditions, make feasibility analysis and construction and plans for the project, so as to reduce unnecessary investment projects, and jointly build a stable application environment with users.

## Engineering Services

Provide customers with on-site installation, commissioning and testing, maintenance and warranty and other services to meet the requirements of the system operating environment, operational safety and stable application in the project.