

Fabric Washing and Shrinking Machine



Product Description

Washing and Shrinking Machine National Invention Patent

Model : YL-WS-12M

Voltage	AC 380V 50Hz
Max. fabric diameter	50cm
Max. fabric width	2000mm
Working speed	0-15m/min
Power	14kw
Dimension	12470x2610x2210

Machine concept

Let the fabric pre-shrink effect reach 100%, save energy and reduce emissions, provide environmentally friendly textile finishing solution

Machine advantage

Fully soften the fabric, improve the shrinkage effect the feeling of fabric & the quality of fabric

Squeeze the fabric guide roller and flatten the fabric guide roller to squeeze the cloth first and then flatten to simulate the traditional rubbing water washing

Let the fabric pre-shrink effect reach 100%

After a series of processes such as desizing, rubbing, ultrasonic cleaning, and water spraying, the fabric is thoroughly washed and then dried.

Reduce time and labor costs

After using this machine, the fabric can be used directly in next step, which greatly simplifies the fabric finishing processing process.

Realize energy saving and emission reduction, green textile manufacturing concept

When the fabric is washed in the scrubbing water tank, some water will be taken away due to the water absorption of the fabric, the water of the sprinkler assembly will fall into the water tank in the meantime, and the water will be continuously replenished into the scrubbing water tank, thereby forming a water cycle and no direct discharge of wastewater.

Machine structure introduction

This Washing and Shrinking Machine includes water washing area, hot air drying area, steam area, heating tube drying area and cooling area

The washing area includes a scrubbing section and a water spraying section

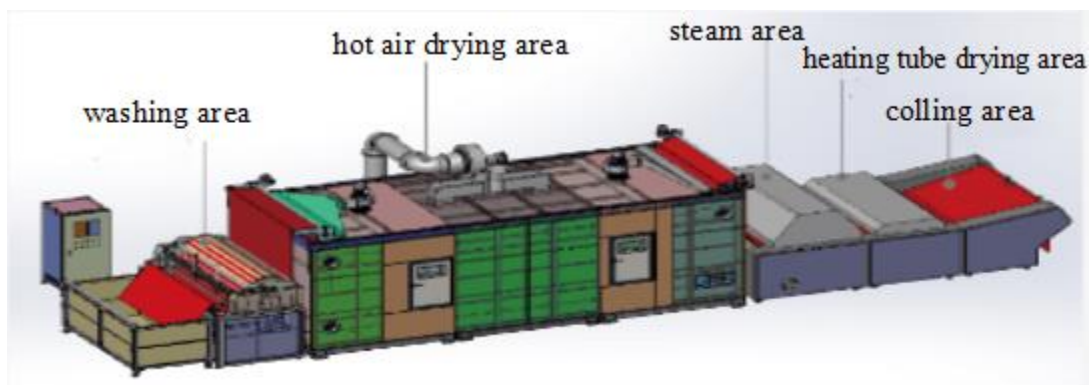
The scrubbing section is provided with a scrubbing water tank and a fabric guide roller group

The scrubbing water tank is divided into a desizing area and an ultrasonic cleaning area

The ultrasonic cleaning area is provided with an ultrasonic cleaning device, there are a water tank and a shower head assembly

The shower head assembly is used to rinse the fabric, the water tank is used to store the water dropped by washing the fabric, and the water tank connects with the scrubbing water tank.

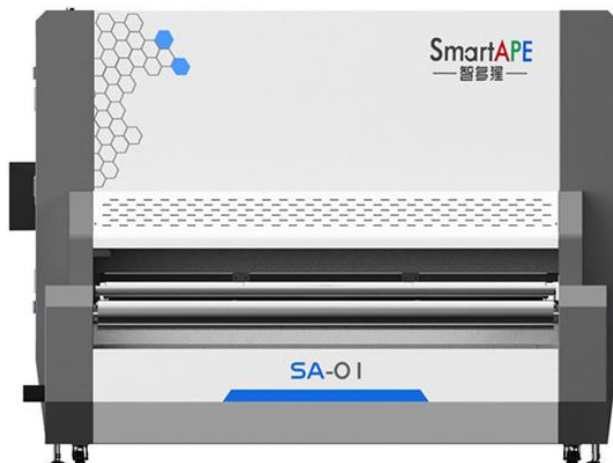
Machine structure diagram



Technical Specification

Front section- Washing area & Hot air drying area	
Washing area length	1170mm
Hot air drying area dimension(L*W*H)	6000*2445*2210mm
Height of cloth hanging in hot air drying area	1319mm
Total hanging length of cloth	88m
Input fabric motor power	120W
Output fabric motor power	120W
Blower motor power	800W*2
Hot air motor power	2.2kw
Cyclic Geared Motor Power	1.1kw
Steam ironing cylinder drive motor power	400W
LED light power	50W*2
Steam ironing canister steam pressure	≤0.36Mpa
Steam ironing canister steam consumption	16kg/h
Pressure of steam ironing canister pressing cylinder	≤0.5Mpa
Steam ironing canister temperature	120-130°C(Steam heating)
Hot air drying temperature	Adjust according to different fabric demand
Hot air drying heat source	Electric , Natural gas, diesel,etc
Back section- Steam area & Heating tube drying area & Cooling area	
Steam consumption	100kg/h
Steam pressure	0.4-0.7 Mpa
Heating tube drying temperature	Adjustable, ≤200 °C
Exhaust motor power	0.8kw
Sway fabric motor power	0.37kw
Conveyor motor power	0.37kw
Vibration motor power	0.09kw
Suction motor power	0.8kw
Electric heating power	12kw

Highly Automated Intelligent Textile Inspection Equipment



Product Description

Highly automated intelligent textile inspection equipment

YL-2019CX

Inspection object: textile

Verifiable representative defects

Broken latitude, Oblique longitude, Broken latitude, wrinkle, breakage, knot, foreign body embedded and other kind of fabric defects

Main function and feature of fabric inspection

- The robot hand pass fabric through machine automatically to ensure that the whole roll fabric can be inspected
- Solve a common traditional cloth inspection machine problem: there is about 1-2meters in the front and back side of fabric cannot be inspected
- Three high pixel cameras are used to automatically inspected fabric surface defects, ensuring continuity and accuracy of inspection
- Solve the problem of poor manual inspection effect, incomplete data and slow efficiency caused by various artificial and environmental factors such as fatigue and discursive of traditional manual inspection
- Intelligent defects identification and marking: Sound and light alarm; Automatic saving the defect pictures; Automatic classify defects to ensure the validity of data; Automatic labeling ensure the position accurate
- The machine works continuously with the fastest speed 40 meters per minute, relazing the high efficiency of inspection. An intelligent fabric inspection machines. Reduce the area of fabric inspection process and cost of labor
- Independent reserch inspection software, with the exclusive right to use. Software function can be fully customized according to customer requirments

Other feature

- Complete fabric width defect information statistics: each roll material has its complete defect image, location distribution, defect quantity statistics and other information.
- After inspection, the grading system is automatically adopted, according to the international standard four-point system, effectively control the fabric quantity

- Automatically generate QR code for each roll fabric, improve the flexibility of each roll fabric information, play an important role for stage, transportation and other.
- Can connect with network to upload reports, the management can check the fabric data at any time
- Use the imported control electrical appliances and control system(PLC)
- Normal function: Fabric inspection, fabric rolling, measurement, automatic edge alignment

Machine efficiency

Fully intelligent fabric quality defect by camera vision

Inspection efficiency, data accuracy, fabric value maximization, inspection cost minimization

Attached defect statistics system, storage system, etc

Machine value maximization

4people, 400%, 400%, 24months

Labor, Production capacity to be improved, Inspection accuracy to be improved, Cost return cycle

Technical specification	
Model	YL-2019CX
Voltage	220V, 50Hz
Max. diameter of one roll fabric	50cm
Max. fabric working width	2100mm
Working speed	0-40m/min
Power	4kw

Technical indicators

- Inspection time: single time inspection (Option:double time inspection with 6 cameras)
- Inspection accuracy: 0.1mm
- Sampling inspected qualified rate: not less than 90%
- Defect mark: stop working and stick label (Optional: ink jet mark, no need stop working)
- Defect recognition tips: automatic sound and light alarm, software record defect location, quantity and size
- Defect information: record the number of defect meters, horizontal position, image information, etc
- With product phase positioning detection function, beyond the error range can automatically identify and remove
- Product defect library can be added
- With anti-jitter function, the camera system vision range is larger than the material size.

Automatic Tunnel Ironing and Drying Machine



Product Description

Automatic Tunnel Ironing And Drying Machine

Highly Automatic Machine For Ironing Table Finishing Textiles

Model: YL-8000C

Techinal Specification	
Model	YL-8000C
Input Voltage	3PH AC 400V 50Hz
Fan motor power	18kw
Air pressure	0.6Mpa
Air consumption	25L/H
Steam pressure	0.6Mpa
Steam consumption	300kg/h(after pre-heating 150kg/h)
Steam pipe diameter	R1-1/2"-R3/4"-R1/2"
Condensation pipe diameter	R1-1/2"-R3/4"
Weight	2500kg
Boundary dismension	10150*1560*2375

Product Function

Ironing, drying and cooling for large amount of garment

Product Advantage

High efficiency: Automatic rail conveyor. Independent working area (steam ironing area, hot air drying area, cooling finishing area)

Machinery working efficiency: Finishing 550-1200 pieces garment each hour

Energy saving: The ironing environment is relatively sealed, achieving heat preservation effect and reducing steam loss

High quality: Disinfection effect

Drying and cooling finishing process to prevent garment from mildew after packaging in rainy weather

Feature:

- The electrical automation control component and the PLC program module are used to control the operation of the steam, the heating unit and the hot air system, pre-setting the waiting time of the conveyor belt in each process, so that the ironing and drying process is performed efficiently and safely
- No condensate at conveyor: Suction at the entrance of the steam area, prevents the formation of drops or stains of the garment
- Constant temperature steam control system: Ensure consistent ironing and wrinkle finishing effect
- High efficiency: Independent working area (steam ironing area, hot air drying area, cooling finishing area)
- High efficiency: blower; strong blowing, low energy consumption and low noise

Suitable for

A variety of cotton, linen, chemical fiber, polyester, wool and other difficult fabrics

Tips: Can not solve the collar, cuff and hem flat ironing requirement

Trousers Finisher with Topper Press (inbuilt with steam generator)



Product Description

Trousers Finisher with Topper Press (inbuilt with steam generator)

Model: YL-TKJ-128B

Technical Specification								
Model	Voltage	Blowing motor power	Total power	Compressed Air Consumption	Compressed Air Pressure	Steam Consumption	Steam pressure	Dimension(L*W*H)
YL-TKJ-128B	3PH AC380V 50Hz	1.5Kw	10.5Kw	20Kg/h	0.5Mpa	15Kg/h	0.3-0.7Mpa	132*102*208cm

Configuration

- PLC program and touch screen display control system
- Inbuilt with steam generator
- Capacity counting function
- Powerful hot air blowing function(Blowing time can be adjustment) 、 Automatic steam spraying function (Spraying steam time can be adjustment)
- Front waistband fly fixing device, Trousers waist side clamping device (width adjustable and movable type、 tension adjustment device) , Trousers legs pull-down clamping device (height adjustable and movable type、 with tension adjustment device)



Feature

Inbuilt with steam furnace, short steam pipe , to keep steam temperature and dry, avoiding because the steam temperature reduction and great moisture in steam , reducing the ironing effect.

With steam generator furnace temperature, produce hot air first into the pants for heating then spray steam to iron, not only save the heating process required power, but also to avoid in the process of steaming steam,steam meet cold air to produce water into the pants, moldy after package

Hands-free automatic clamping system ironing trousers, save time and labor

Working principle

Pneumatic automatic clamping device to fix the trousers leg and waist in the suitable position;use hot air and steam to automatic blowing and ironing ,no ironing blind area, ensure ironing efficiency .

Suitable for

Jeans and casual trousers, suitable for short or long trousers and babies trousers)

Fabric Shrinking Machine(with edge alignment control)



Product Description

Fabric Shrinking Machine (With automatic edge alignment function)

Model: YL-4800-ED-H

Function

- Steam humidification and heating
- Two drying areas. Drying is mainly by steam heating, electric heating is auxiliary. Not only for save energy but also meet the temperature requirements of different fabric.
- Adopt strong cooling device, quickly cooling fabric, stabilize fabric size
- Vibration function allow the fiber to be fluffy naturally.
- Spreading fabric, Measurement, folding fabric

Technical Specification	
Model	YL-4800-ED-H
Voltage&Frequency	AC 380V 50HZ
Steam consumption	100kg/h
Steam pressure	0.4-0.7 Mpa
Maximum roll fabric diameter	40cm
Maximum working width	2100mm
Working speed	Adjustable, 0-20m/min
Drying temperature	Adjustable, ≤ 200 °C
Discharge steam motor power	0.8kw
Feeding fabric motor power	0.12kw
Sway folding motor power	0.37kw
Belt working motor power	0.37kw
Spreading fabric motor power	0.09kw
Vibration motor power	0.09kw
Suction motor power	0.8kw
Drying heating power	6kw
Total Power	9kw
Boundary dimension	5070*2610*1650mm

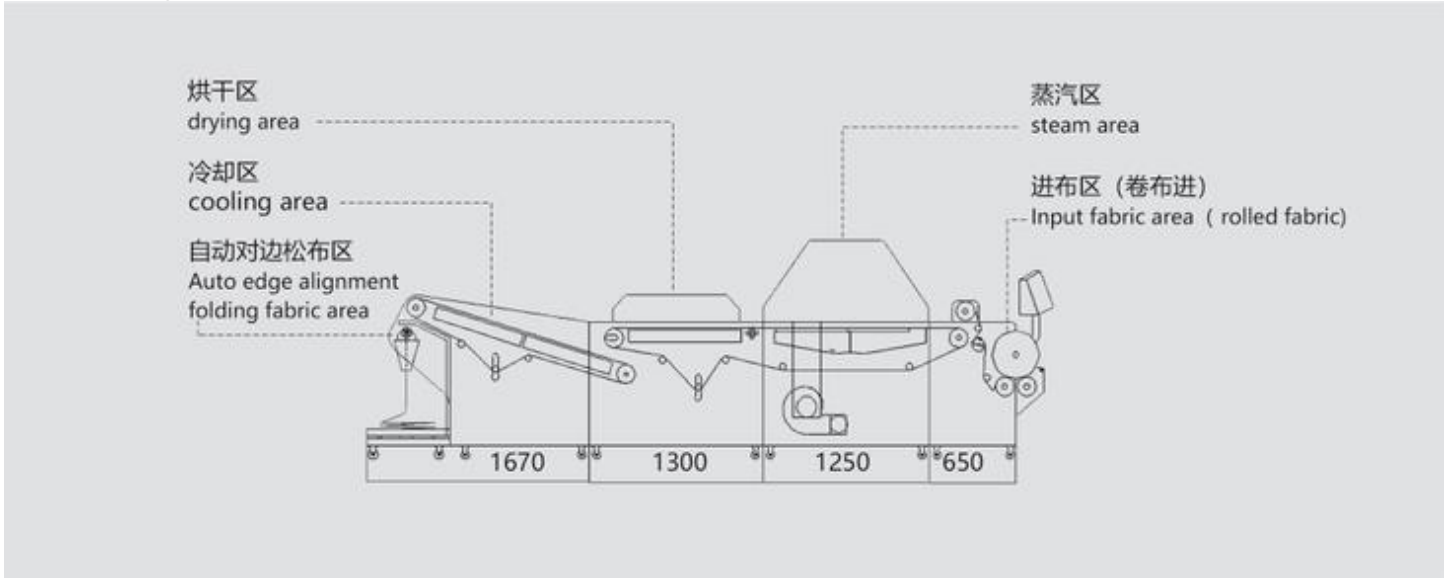
Special Features

- Fully sealed unique design steam cover: no leakage of steam, reduce the steam consumption (save about 40% steam consumption than other type product), ensure no water dripping
- The steam cover is made of three layers of stainless steel, good heat preservation and thermal insulation effect
- Electronic eye monitoring releasing fabric , make sure fabric is in the tension-free state
- Stepless Frequency Conversion Timing
- Equipped with original imported electrical appliances, stable performance, machine is durable
- Electronic eye automatically adjusts the mesh belt no need to worry about mesh belt running off, automatically stop working in case of failure
- Heating area and cooling area Use two independent mesh belts to increase the service life of the mesh belt
- With edge alignment function
- Use high temperature resistant Teflon mesh belt

Suitable for

Knit and woven, a variety of general fabric

Structural Diagram



Auto edge alignment heavy fabric relaxing Machine



Technical Specification	
Max. Roll Diameter	50mm
Max. Fabric Width	1800mm
Speed	0-30m/min
Power	0.74kw
Voltage&Frequency	220V,50Hz

Product Description

Auto edge alignment heavy fabric relaxing Machine

Model: YL-1800E-ED

Feature

- Rolled to Folding , to reach natural relaxing effect
- Automatic edge alignment function
- Forward and reverse function,can re-roll fabric during releasing

Suitable for

Woven & denim and other big roll heavy fabric

Related Products



Auto edge alignment chiffon Rolling Machine



Product Description

Auto edge alignment chiffon Rolling Machine

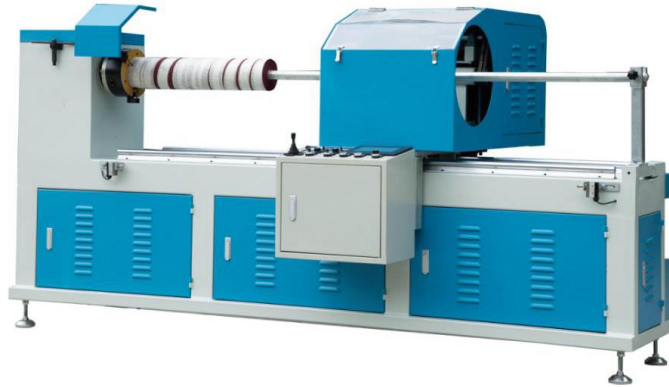
Model: YL-2100F-JS-ED2

Technical Specification	
Max. Roll Diameter	40mm
Max. Fabric Width	2100mm
Speed	0-30m/min
Power	0.6KW
Voltage&Frequency	220V,50Hz

Feature

- Fabric rolling (From Relaxing/Rolling to Rolling)、 Length measurement、 Automatic edge alignment、 Tension adjustable shaft
- Smoothing fabric shaft (Smoothing fabric) 、 Air shaft(Suitable for rolling light weight fabric)、 Pressure roll(Pressing the fabric)
- Suitable for
Chiffon 、 lace and other light weight、 transparent fabric

Computer Control Automatic Strip Slitting Machine



Product Description

Computer Control Automatic Strip Slitting Machine

Model: YL-170

Technical Specification

Model	Total Power	Max. working width	Minimum strip width	Max. fabric roll diameter	Precision of cutting width	Rolling rotate speed	Paper tube inner diameter	Connect compressed air
YL-170	3.215kw	1700mm	2mm	Ø280mm	0.1mm	0-1200mm	38mm	0.4Mpa-0.7M

Feature

- Equipped with automatic sharpening system
- The main shaft and circular knife power working by stepless variable speed system and frequency control system, which can control high & low speed regulating, forward & reversal switching control
- Adopt high precision Taiwan stepping system to control cutting width, coordinate with precise ball screw and straight slide rail, advance cutting in parallel to achieve smooth and accurate cutting
- Data program control, one roll fabric can be cut six different size, complete automatic cutting. And with manual & automatic conversion function, convenient to operate

Suitable for

Slitting strip of various kinds of fabric, foam, leather, reflective material, paper, plastic and other materials



Automatic Folding & Sewing Machine



Straight & Twill Rolling Machine

Knitted and woven automatic fabric spreading machine



Product Description

Knitted and woven automatic fabric spreading machine

Technical Specification					
Model	YL-160S	YL-190S	YL-210S	YL-260S	Home textile
Max. fabric width	1600mm	1900mm	2100mm	2600mm	Customized
Max. fabric roll diameter	500mm				
Max. fabric weight	80kgs				
Max drive speed	106m/min				
Max spreading fabric height	One-way 230mm/Zigzag 160mm				
Voltage & Power	1 P AC 220V 50Hz 1Kw				
Request table width	1830mm	2130mm	2330mm	2830mm	Customized
Dimension(L*W*H)	190*230*125cm	190*260*125cm	190*280*125cm	190*330*125cm	Customized

Feature

Automatic edge smoothing device (Solve the edge curling problem of knitted, and achieve the curling edge smooth)

Servo automatically follows the transmission device of driving cloth feeding roller, precisely matches with the main servo, perfectly realizes tension-free fabric spreading, intelligently automatically adjusts the tightness, and the edge to edge spreading accuracy is controlled within 5 mm.

Intelligent adjustment elastic device (The machine will return back to original position once fabric finishing, no need manual intervention.)

Option: Photoelectric anti-collision device (Photoelectric anti-collision system with distance setting, automatically captures and recognizes obstacles in the working process by photoelectric, and automatically stops in advance)

Suitable for

General knitted and woven fabric. Such as: T-shirts, shirts, children's wear, home clothes, toys, underwear, swimwear, cotton wear, trousers, jackets, denim, etc.

Automatic multi-ply cutting machine



Product Description

Automatic multi-ply cutting machine

Model:YL-1707C YL-2007C YL-2307C

Technical Specification			
Model	YL-1707C	YL-2007C	YL-2307C
Cutting area (L*W)	1700mm*3100mm	2000mm*3100mm	2300mm*3100mm
Cutting speed	55m/min		
Max. cutting height	70mm After vacuum compression)		
Cuting mode	Cutter up and down reciprocation		
Cutting Precision	≤±1mm		
Voltage & Power	AC 380V 50Hz 30Kw		
Compressed air Air pressure	0.55Mpa		
Air flow volume	160L/min		
Data connection mode	USB flash disk/Network		
Noise control	〈 70DB		
Sharpening mode	Abrasive belt sharpening	Grinding wheel sharpening	Grinding wheel sharpening
Machine size	680cm*250cm*150cm	680cm*280cm*150cm	680cm*310cm*150cm
Machine weight	2500KG	3000KG	3500KG



Function

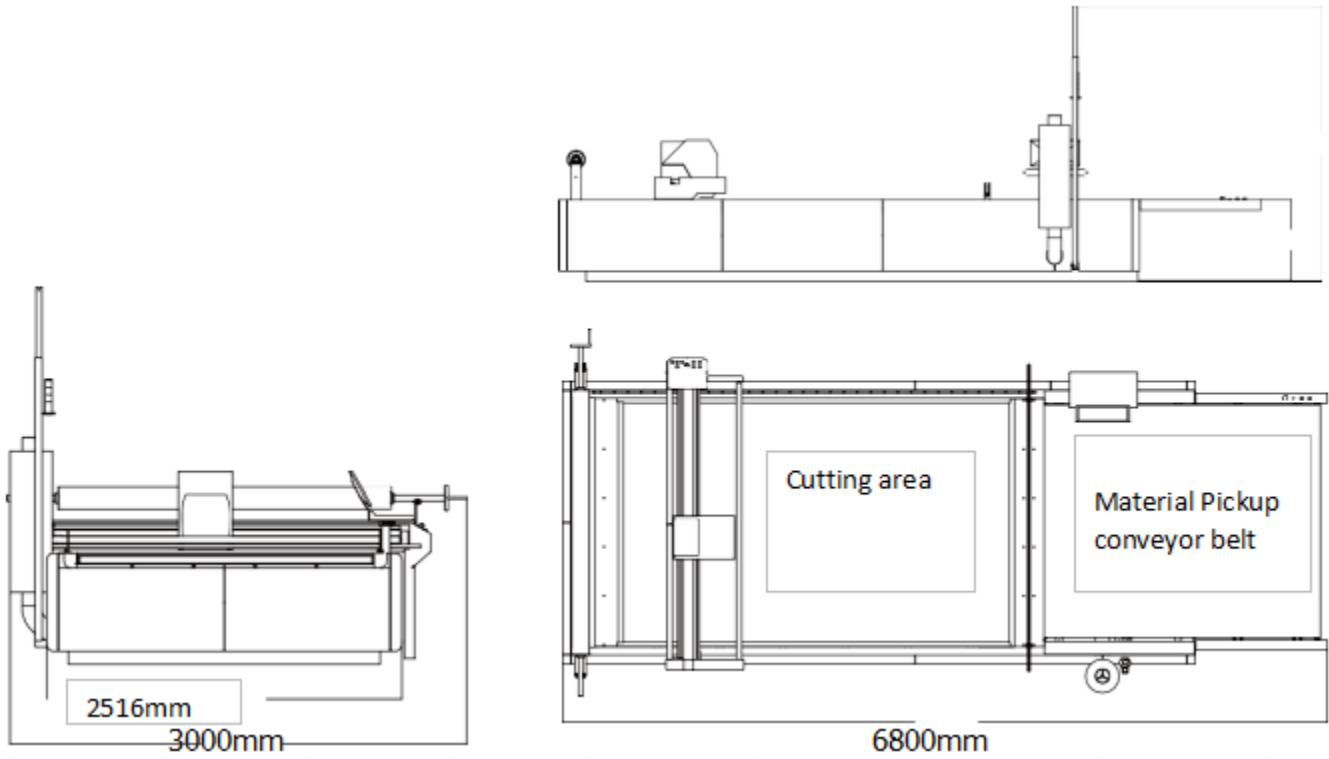
- Fabric smart correction
- Fault diagnosis
- Change blade smart reminder
- Software control to solve fabric hot melt

Standard configuration

- Linear propulsion two-wheel counter-rotating knife device
- Intelligent refilming device
- Intelligent dust collecting device
- Fault intelligent diagnosis
- Daily report, monthly report management software

Optional configuration: double punch, electronic safety lever, blade cooling device

Machine dimension drawing



Product advantages

High cutting accuracy
 Servo motor and driver all using Japan Y



Strong vacuum
 the motor fan split design and uses fr



Intelligent sharpening system
 Adopting a permanent linear type to



Double buck vacuum ironing table inbuilt with steam generator



Product Description

Double buck vacuum ironing table inbuilt with steam generator

Energy saving type: YL-128A-DS

Normal type : YL-128B-DS

Standard Configuration:full steam iron、 iron hose、 iron hose hanger

Option:Blowing function(Best for suit)

Other Options Available

- 1.Square table vacuum ironing table
- 2.Vacuun ironing table with chimney
- 3.Bridge vacuum ironing table with inbuilt generator.

Bridge vacuum ironing table inbuilt with steam generator



Product Description

Bridge vacuum ironing table inbuilt with steam generator

Model :YL-BT-128B

Equipped with:full steam iron、 iron hose、 iron hanger、 Lamp、 Chimney

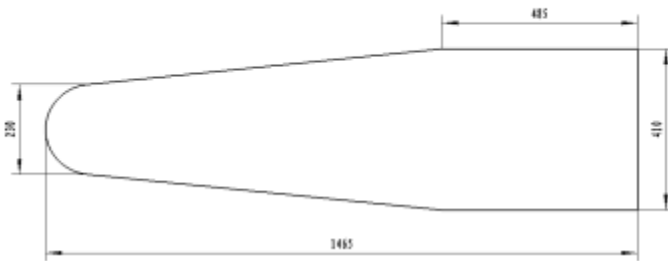
Technical Specification	
Voltage&Frequency	1PH AC220V/50Hz 3PH AC380V/50Hz
Vacuum Motor power	0.75KW/0.8KW
Furnace Heating pipe power	5kw
Water pump Power	1.1Kw
Table heating power	0.5Kw
Total power	7.35/7.4Kw
Electric heating temperature	30-110°C

Feature

- Integrated design, one table with one steam iron, automatically control adding water and heating, Suitable for different scale garment factories
- Electric heating in the table surface, to keep the table surface drying

Structural diagram

Bridge table size(mm)



Related Products

Sleeve Vacuum ironing table



Electrical steam generator



Fusing Machine



Fabric Fusing Machine



Continuous Fusing Machine



Fabric Bonding Machine



Continuous Fusing Machine

Spot removing machine



Product Description

Spot removing machine

Model:YL-A

Technical Specification							
Mode	Voltage	Suction Motor power	External steam pressure	External air pressure	Suction pressure	Working table height	Dimension(L*W*H)
YL-A	1P 220V 50Hz 3P 220V 50Hz	0.8kw	0.5Mpa	0.6Mpa	600Pa	980mm	1160*440*1980mm

Main Configuration				
Model	Solution bottle	Solution gun	Solution & Hot air gun	Suction function
YL-A	Two	Two	√	√

Feature

- Worktable is made by stainless steel, inbuilt with suction device
- Need connect with steam generator and air compressor
- Suitable for remove spot of the finished garment

Apparel reversal Machine



Turning over upper garment machine

Product Description

Turning over upper garment machine

Model:YCX-128

Technical Specification					
Model	Voltage	Motor power& speed	Negative Suction pressure	Input air pressure	Noise
YL-128	3PH 380V±5% 50Hz	3KW 2800r/min	-1000mm	0.3-0.7mpa	<85db

Reversing Tops Machine

Features

The angle of the suction tube is adjustable, can be used in different size tops

Suitable for

Shirts, casual wear and etc

Related Products



Pillow Case Machine



Turning over trouser machine

Needle detector



Double head needle detector (Single also available)
Product Description

Double head needle detector
 Model: YL-630AS

Technical Specification										
Model	Voltage	Power	Detection methods	Alarm mode	Detection sensitivity	Sensitivity adjustment	Detect surface width	Conveyor belt width	Transfer speed	Detect surface height
YL-630AS	1P AC220	900kw	Magnetic induction	The electronic buzzer sounds the light indicates, and the conveyor belt is reversed	Fe ball Φ 0.8mm	Level 1-10	600mm	~57/58 cm	32m/min (50Hz) 40m/min (60Hz)	100mm

Feature

When the metal is detected, the machine will alarm , and the conveyor belt will stop and return back.

Suitable for

- Detect broken needles and ferromagnetic fragments in various types of sewing products
- Detection of ferromagnetic impurities contained in foods and medicines
- Detection of iron filings and various alloy fragments in chemical raw materials, rubber products and paper products;
- Detecting iron impurities contained in non-ferrous materials such as copper, aluminum and zinc



Thread sucking machine

Thread sucking machine with chimney

Product Description

Thread sucking machine with chimney

Model:YL-01A YL-01B

Technical Specification										
Model	Voltage	Motor power & speed	Nozzle inlet size	Sucking area size	Pedestal size	Nozzle suction pressure	Noise	Drawer (D)	Chimney(U)	Electric eye induction(EI)
YL-01A	1PH 220V 50HZ 3PH 380V 50HZ	2.2KW 1400r/min	520*140mm	1500*520*140mm	590*590*1000mm	>650Pa	<85db	Option	Option	Option
YL-01B	3PH 380V 50HZ	4KW 1400r/min	550*160mm	1500*550*160mm	660*60*1000mm	>650Pa	<85db			

Feature

Safety: Automatic stop working if sucks in clothes.

Suitable for sucking away the threads on the garment

Related Products



Thread brushing machine



Product Description

Thread brushing machine

Model : YL-02A YL-02B

Technical Specification

Model	Voltage	Sucking motor power	Brush roller power	Brush roller length	Working table size	Noise	Speed
YL-02A	1PH 220V 50HZ	0.8kw	0.55kw	Max 600r/min	720mm	1160X750 mm	Fixed speed
YL-02B							Speed adjustable

Feature

Suitable for brushing and sucking away the threads on the sweaters, sportswear and other static properties product. (With suction device)

Pneumatic Heat transfer machine



Pneumatic double station heat transfer machine

Product Description

Pneumatic double station heat transfer machine

Model: YL-6080-2

Technical Specification							
Model	Voltage/Power	Temperature Range	Time Control	Rated Pneumatic	Working Size	Dimensions	Operating Mode
YL-6080-2	220V/50HZ/6kw	0~400°C	0~999S	≤1.0mpa	60*80cm	L170*W95*H143cm	Manual up-moving pneumatic double station automatic cycle control

Feature

Through the heating plate heating, with a certain pressure, specific temperature and time, can by thermal transfer let the sublimation class, solvent-based ink color patterns and text firmly printed on cotton, linen, chemical fiber and other fabric

Optional

- Fully automatic function、 infrared ray laser positioning
- Need connect with air compressor

[Related Products](#)



Double Stand



Single Stand



Double Stand