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晶龍實業有限公司

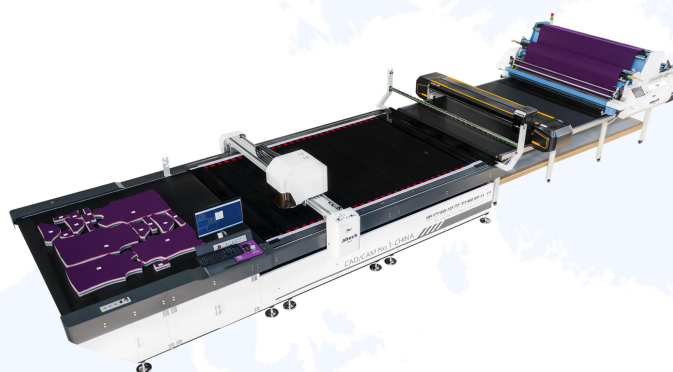
JD BUSINESS LIMITED

ABOUT US

Founded in 2014, the head office JD Business Limited Hong Kong is an advanced scientific and technological enterprise specialized in R&D ,production of garment machine including automatic down and fiber filling machine ,automatic fabric spreader and cutter .

I、自动裁剪房

Auto Cutting Room



II、自动充绒房

Auto Filling Room



III、自动服装机械

Auto Garment Machine



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Whatsapp



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Website

全自动针梭两用拉布机

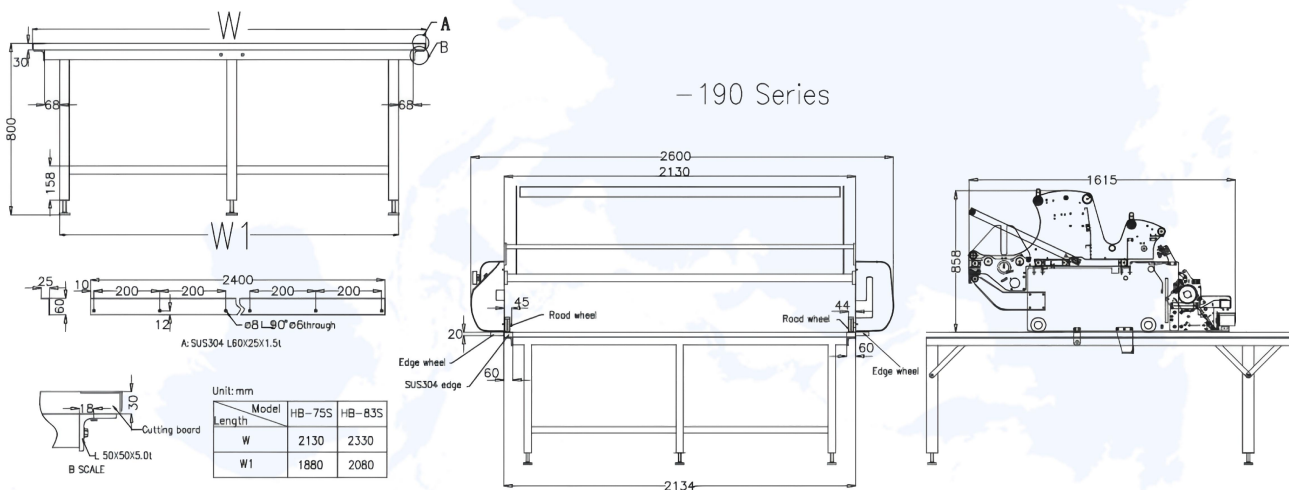
Knitting/Woven Spreading Machine



Application



Layout





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Features

- None cloth stop function, start point auto returning
- Practical and concise appearance, low wind resistance, low noise, low vibration.
- Automatic cloth feeding
- Imported PLC touch screen operation system
- Automatic fabric relaxing control: To relax the fabric in advance and release the tension during spreading the fabric.
- Easy using, high stability and high efficiency to ensure the quality of spreading.
- Angle adjustable bar with curve, for cloth expanded, applied on elastic fabric

Standard Configuration

1. Simple setting memory device for the spreading length, auto speeding control.
2. Automatic tracking unwinding system, cloth rod, and expending wheel for fabric.
3. Emergency stop safety device, quantitative automatic rising device.
4. Adjustable cutting distance, automatic ply counter.
5. Imported infrared edge control, auto cutting device.
6. Rewinding function (material roll).

Option Configuration

7. Cylinder cloth spreading device
8. Single-side fixed moving cloth pressing device, fixed pressure device for double pull
9. Crimping Device
10. Electrostatic elimination
11. Operator platform
12. Infrared anti-collision safety device
13. Intelligent cutting management system
14. Solid Transfer Folding Device
15. Japanese-style electric rail(3M/3P)
16. Japanese-style electric pulley
17. Japanese-style load string box and end cover
18. Air Floating Spreading Tables(with standard spare parts)

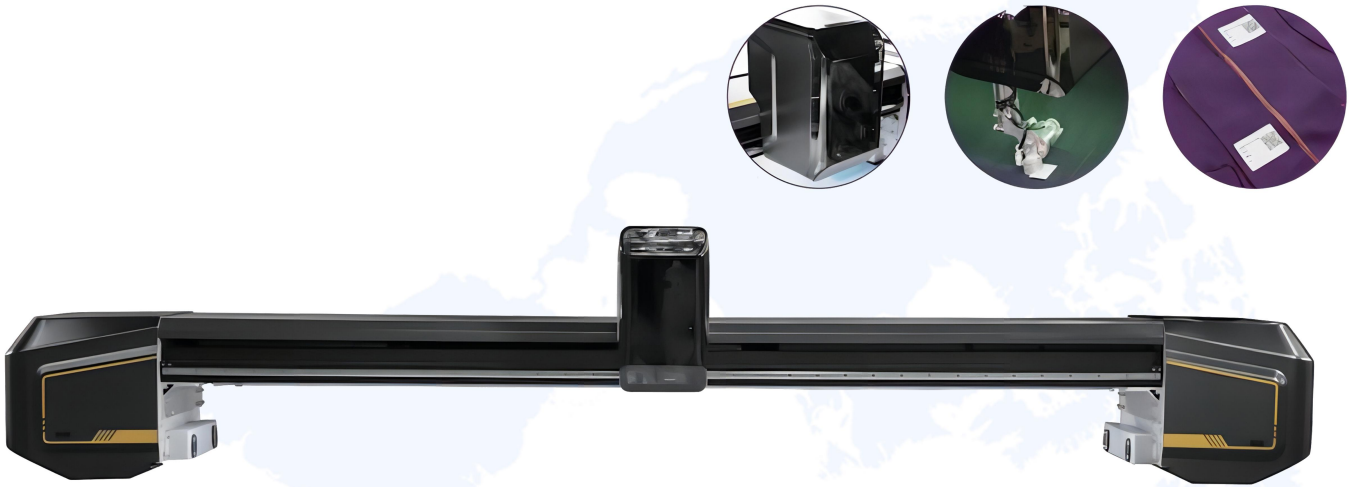
Major Installation

- Imported touch screen control: simple setting for spreading length, method, ply, speed.
- Fabric expanding device: adjustable according to the different width and tension of fabrics, prevent fabrics from wrinkle.
- Imported intelligent sensor cutting device: easily uninstall/install cutter, adjustable cutting distance and speed according to material width
- Imported automatic fabric relaxing control: To relax the fabric in advance and release the tension during spreading the fabric, and maintain the consistency of cloth quality.
- Imported electronic edge control: automatic edge control during spreading
- Imported material ending sensor: stop spreading and return to start point when material out
- Auto lifting: the rising amount can be adjusted according to the thickness of the cloth to cooperate with the laying operation.
- Emergency Stop: Cables at both side of the spreading table for pulling to stop machine, easy to get.

Technical Parameter

Model	KW-160	KW-190	KW-210
Max Material Width	1600mm	1900mm	2100mm
Tables Width	1830mm	2130mm	2330mm
Max Spreading Speed	90m/min		
Power Supply	AC 220V 50Hz/60Hz		
Spindle Power	1.8kW		
Max Material Weight	80KG		
Max Roll Diameter	500mm		
Machine Net Weight	320KG	340KG	360KG
Max Spreading Height	single pull: 220mm; double pull: 150mm		
Machine Size	1807*2370*892mm	1807*2670*892mm	1807*2870*892mm
Export Packing	2460*2630*900mm	2460*2930*900mm	2460*3130*900mm

Note: special models such as increasing the diameter of the cloth, increasing the load and increasing the height of the cloth will be customized.



Standard configuration

1. 12.5 Inch Display
2. RemoteControl
3. Servo Control System Cutting
4. Full-time 4 Drive
5. QR Code Printing
6. Size Information Markers
7. Interlayer Markings
8. Linkage with Automatic Multilayer Cutting Machine Information
9. Defect Reporting

Option

10. Data Collection
11. Cutting Report
12. Automatic Patch System
13. OCR Character Recognition
14. Motion Air Tube+ Suspension Ring
15. Japanese Style Electric Rails
16. Japanese Style Electric Pulley
17. Japanese Style Load String Box and End Cover
18. Hanger L iron

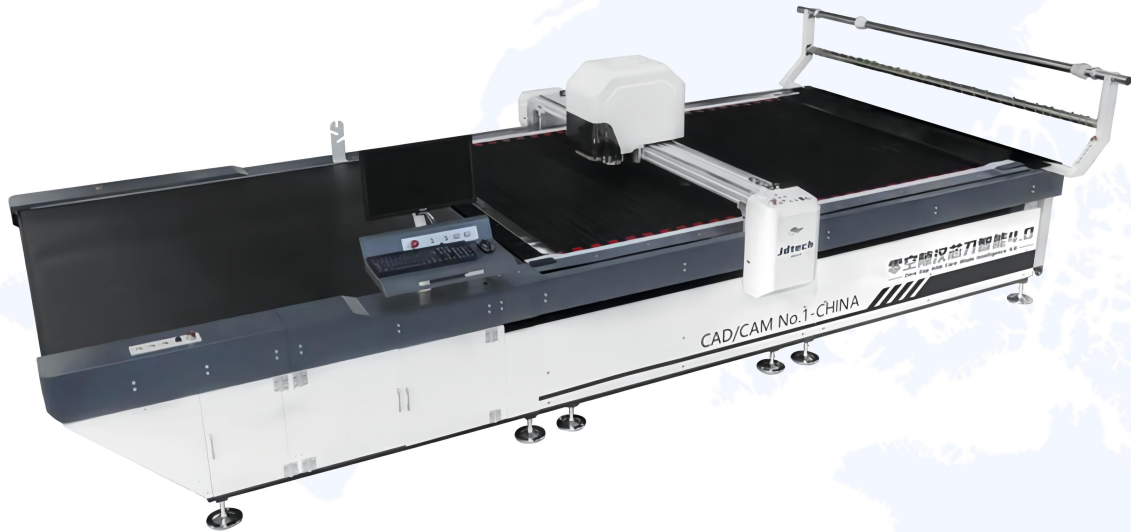
Technical Parameter

(* Accept the bespoke specifications)

Model	iLabel-160	iLabel-180	iLabel-190	iLabel-200	iLabel-210	iLabel-220	iLabel-240
Max Working Width	1600mm	1800mm	1900mm	2000mm	2100mm	2200mm	2400mm
Machine Bed Width	183±3cm	203±3cm	213±3cm	223±3cm	233±3cm	243±3cm	263±3cm
Max Speed	600mm/s , 32Pieces/min						
Power Supply	AC 220V 50Hz/60Hz						
Spindle Power	0.35KW						
Max Working Height	0~165mm						
Supported Formats	NC/DXF/CUT/GBR/TAC/DAT						
Label Specifications	30*40mm						
Air Pressure	0.8MP						
Printing Method	Thermal (Carbon Belt Not Required)						
Print Resolution	203dpi						
Data Transmission	Wifi or USB stick						
Operating System	Windows System						

全自动多层裁床

Automatic Multilayer Cutting Machine



Application



Car Interior



Kidswear



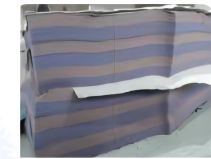
Make-up Cotton



Shoes



Plush Toys



Quilted Fabric



PU Leather



Swimming Wear



Sofa-composite Fabric



Shoes

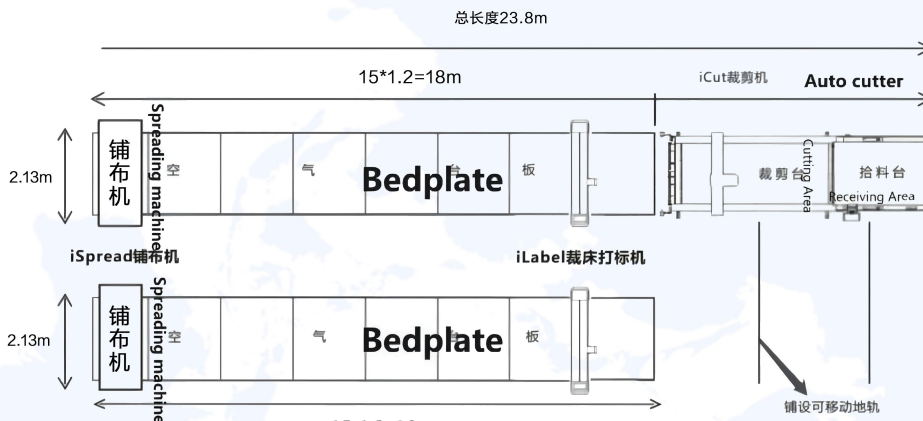


Plush Toys



T Shirt

Layout





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Function

High-precision multi-functional CNC cutting machine is specially developed for mass production .This series of cutting machine is suitable for the garment industry, shoes and hats industry, luggage industry, automotive interior industry, home industry, sofa seat industry, plush toy industry, composite fabrics and other soft material cutting fields .After adsorption, it can reach standard thickness of 7cm. The cutting machine has excellent cutting speed and maintains the highest precision among the same type of cutting machine. It has excellent energy-saving, low-carbon and intelligent high-tech products.

Features

- Machine tool advantage: high transmission precision, high dimensional accuracy, good rigidity, stable start and stop, and stable transmission speed.
- Operation advantage: Advanced module technology combined with intuitive touch technology for easy operation automatic fault alarm function for easy diagnosis and treatment.
- Software advantage: Integrated software with easy-to-use control methods and visual management system for multi-angle full-scale operation.
- Cutting advantage: high cutting precision, no deformation, less lint, high efficiency.
- Consumables advantage: Spin-type double-sided sharpening knife, can cut more than 10,000 pieces per day, long working time and high efficiency

Standard Configuration

1. HAN Core blade intelligence 4.0 system
2. Five shafts double blade plate
3. Levitation blade
4. 303 HAN Core blade
5. Maintain partial vacuuming during advance
6. Spindle synchronous drive
7. Film unfolding assistance
8. Automatic covered film
9. Frequency conversion vacuum system
10. Dust-collection system
11. Automatic blade sharpening
12. Air cooling system
13. Safety device

Option configuration

14. Max cutting height11mm
15. Hollow punching device
16. Solid punching device
17. Moving system
18. Automatic lubrication+Oil cooling system
19. Double AC system
20. Brush automatic cleaning device

Technical Parameter

Model	iCut-2520	iCut-3220	iCut-3216
Machine Size	5800*2700*1400mm	7500*2700*1400mm	7500*2300*1400mm
Max Cutting Area	2500*1950mm	3200*1950mm	3200*1650mm
Machine net weight	4000KG	4500KG	4000KG
Max Cutting Height	80mm		
Max Cutting Speed	108m/min		
Power Supply	AC 380V/50HZ		
Spindle Power	2kW		
Spindle Speed	6000rpm		
Machine Power	22kW		
Air Pressure	0.8MP		
Air Flow Volume	160L/min		
Export Packing	40FT Container	Frame Cabinet Size 8000*3000*2100mm	



全自动羽绒纤维填充机

Automatic Down And Fiber Filling Machine

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Mesh Nozzle



HD Operation Screen



Acrylic Hopper



High Precision Weighing Sensor



Down Returning System



Humidity Control System

产品图 Image				
型号 Model	JD-2T-8C	JD-2T-12C	JD-4T-16C	JD-4T
应用 Scope	Down Jackets/Polyester Cloths	Down Jackets/Polyester Cloths	Down Jackets/Polyester Cloths	Down Jackets/Polyester Cloths
主机箱尺寸 Feeding Unit Size	2350*900*1900mm	2350*900*1900mm	2350*900*1900mm	1600*2850*2000mm
称重箱尺寸 Weighing Unit Size	1950*600*960mm	1950*600*960mm	1950*600*960mm	N/A
整体组装机占地面积 Overall Installation Area	2350*3500mm	2350*6100mm	2350*6600mm	2850*4000mm
储绒量 Filling Storage	15kg	15kg	15kg	10kg
设备重量 Equipment Weight	800kgs	1100kgs	1300kgs	500kgs
设备电压 Voltage	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ
额定功率 Power	2KW	2KW	2KW	2KW
设备进气要求 Equipment Pressure Requirement	0.8Mpa	0.8Mpa	0.8Mpa	0.8Mpa
空压机功率/排气量 Air Compressor Power(Supply By Customer) / Air Volume	7.5KW; 0.8m ³ /Min	7.5KW; 0.8m ³ /Min	7.5KW; 0.8m ³ /Min	7.5KW; 0.8m ³ /Min
可充材料 Filling Material	50-90 Down/Polyester Ball Fiber	50-90 Down/Polyester Ball Fiber	50-90 Down/Polyester Ball Fiber	50-90 Down/Polyester Ball Fiber
充绒口数量 Filling Nozzle Qty	2	2	4	4
充绒口直径 Filling Nozzle Diameter	16mm/19mm/25mm	16mm/19mm/25mm	16mm/19mm/25mm	16mm/19mm
称重循环数 Weighing Scales / Per Nozzle	4/1	6/1	4/1	N/A
填充范围 Weighing Range	0.2-30g	0.2-20g	0.2-30g	0.1-1000g
充绒速度 Filling Speed(< 3G)	1500-2000 grids /H/Nozzel	1800-2500 grids /H/Nozzel	1500-2000 grids /H/Nozzel	2000-3000 grids /H/Nozzel
显示精度 (90绒标准测试) Display Accuracy	0.01g	0.01g	0.01g	N/A
误差范围 (90绒标准测试) Tolerance	±3%	±3%	±3%	N/A
裁片格子长度 Cloth Grid Length Requirement	>10cm	>10cm	>10cm	>10cm
自动恒湿装置 Humidity Control System	✓	✓	✓	✓
马达过载保护 Motor Overload Protection	✓	✓	✓	✓
U盘数据导入导出 U Disk Data Input And Download	✓	✓	✓	✓
破片补充 Fragment Supplement	✓	✓	✓	×
回绒系统 Down Returning System	✓	✓	✓	×
透气炮筒 Mesh Nozzle	✓	✓	✓	×
一键回绒 One Button Down Reback	✓	✓	✓	×
一键清零 One Button Reset	✓	✓	✓	×
桌面除尘系统 Down Recycle Clean System	✓	✓	✓	✓
自动加绒系统 Automatically Loading Down System	✓	✓	✓	✓
除铁装置 Iron Rust Removing System	✓	✓	✓	✓
10寸高清触摸屏 10-inch HD Touchscreen	✓	✓	✓	✓
独立称重系统 Independent Weighing System	✓	✓	✓	×
多格单格填充 Multiple Grids And Single Grid Filling	✓	✓	✓	✓

设备供气供电要求

Equipment Gas And Voltage Requirement

The gas pressure is required to supply more than 0.8m³/min air flow, and the gas supply pressure is not less than 0.8mpa. If using gas with other equipment, it is required the length of the gas pipe is within 40 meters and the pipe size is more than 1 inch, a purifier should be added to make the inlet gas free of oil and water. For independent gas supply, it is recommended to use a high pressure air pump or air compressor above 7.5KW, and configure a 1M³ gas storage tank (which will prolong the service life of the air compressor).

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