



**Richpeace®**

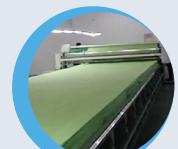
## **Richpeace Automatic Spreading Machine**



Model : RPSM-KW-1-1000×1800-C-KW150-NA-1P220



Knitted fabric



Woven fabric



Synthetic Leather



Non-woven fabric



Printed fabric

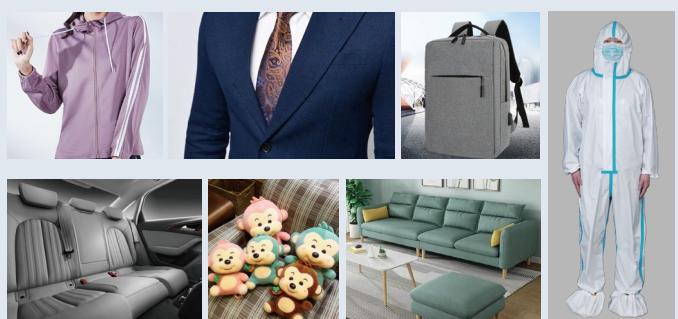
### **Features**

1. Elegant and streamlined design reduces air resistance, lowers noise level, and less vibration.
2. Digital LCD touch screen, free to set the fabric length, number of plies, moving speed, and the spreading method.
3. With remote control tool, Start, Stop, Feed, and Take up the fabric during spreading within 30 meters can be remotely controlled.
4. Intelligent cutting device: intelligent adjustable cutting system, easy to change cutting blade, the self-sharpening function could improve the cutting performance.
5. Cutting bracket would be lifted automatically as per the laid plies increase.

6. The high-sensitivity sensor automatically senses people and obstacles within 0.5 meters, protecting the safety of the machine and the operator.
7. Automatic start point detection. Once the fabric roll is used up, it returns to the starting point, automatically switches off the edge alignment function, and waits to load a new roll of fabric.
8. In case of power failure during the spreading process, preset spreading data can stay in after the machine restart. Automatically finding the starting position and continue the spreading process.
9. With emergency stop protection, fabric will be released and not dragged to make any distortion.
10. With automatic edge alignment and layers counter.

### **Application**

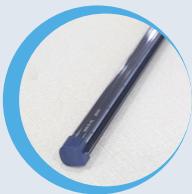
Clothing, toys, luggage, automotive, upholstery, medical products, various of denim fabric, synthetic leather, and non-woven fabric.



## Parameters

Model	RPSM-KW-1-1000×1600-C-KW150-NA-1P220	RPSM-KW-1-1000×1800-C-KW150-NA-1P220
Fabric Width	1.6m	1.8m
After Installed Weight	320kg	360kg
Fabric Roll Loading Weight	≤150kgs	
Book Folded Fabric Loading Weight	≤300kg	
Fabric Roll Diameter	≤60cm	
Spreading Thickness	≤23cm	
Spreader Moving Speed	≤100m/min	
Power	2.2kw	
Working Voltage	220V, 50Hz	

## Optional configuration



Static elimination device



Folded fabric platform



Automatic roll loader



Zigzag device



Operator trolley



Electric rail

## Standard configuration



Front Fabric Catcher

Press & hold the laid fabric stack, prevent any movement of fabric during the spreading process.



Distance Measurement Encoder

To determine the machine traveling distance, ensure the running distances are the same.



Intelligent Cutting Device

Intelligent adjustable cutting system, knife can be loaded and unloaded simply. The self-sharpening function could improve the cutting performance.



High Sensitivity Sensor

After installation, once someone enters within 0.5m of the machine, the machine will automatically stop and ensure safety.



Touch Screen Intelligent Operation

International famous brand PLC control system, having stable performance, maintenance work easily.



Automatic Edge Alignment Sensor

Use popular international brand infrared diffuse reflection technology for the fabric edge alignment sensor, increase the alignment quality.

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