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A Member of SGGroup

RPSM-KW-1-1000X1800-C-KW150-NA-1P220

Automatic Spreading Machine

Features

1. Digital LCD touch screen, free to set the spreading length, number of plies, the speed and the spreading method.
2. With remote control tool, Start, Stop, Feed and Take-up the fabric during spreading within 30 meters can be remotely controlled.
3. Intelligent cutting device: intelligent adjustable cutting system, knife can be loaded and unloaded simply. The self-sharpening function could improve the cutting performance.
4. Elegant streamlined outlook, reduce air resistance, lower noise level and less vibration.
5. The high-sensitivity sensor automatically senses people and obstacles within 0.5 meters, protecting the safety of the machine and the operator, and ensuring that the cloth edges are aligned.
6. Machine power on will detect the start position, once fabric roll used up, it returns to the starting point, then switch off the edge alignment function automatically, and wait for loading a new roll of fabric.
7. Power failure occurs during the spreading process, the preset spreading data can stay in after resume of the machine. Finding the starting position and keep on the spreading process.
8. Emergency Stop happened, fabric will be released and not being dragged to make any distortion.
9. As the fabric is stacked to increase the height of folds, the cutting device would be lifted accordingly.
10. With auto edge alignment feature and number of layers counter.

Application

Clothing, Toys, Luggage, Automotive Upholstery, Various of Knit, woven, denim fabric and leather for medical.



Knitted fabric



Woven fabric



Leather fabric



Non-woven fabric



Linen

Parameters

Model	RPSM-KW-1-1000X1600-C-KW150-NA-1P220	RPSM-KW-1-1000X1800-C-KW150-NA-1P220
Spreading Width	1.6m	1.8m
Fabric Weight	≤150kgs	
Fold Material Load	≤300kg	
Fabric Diameter	≤60cm	
Spreading Thickness	≤23cm	
Speed	≤100m/min	
After Installed Weight	320kg-500kg	
Power	2.2kw	
Working Voltage	220V, 50HZ	

Optional configuration



Static elimination device



Folding table



Automatic feeding Device



Zigzag device



Stand table/Guide rail



Electric rail

Standard configuration

Fabric pressing clamp

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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