

Richpeace Automatic Spreading Machine

International famous brand PLC control system,

Touch Screen Intelligent Operation, stable performance, easy maintenance.

New spreading device

To ensure all kinds of knitted and woven fabrics more flat, widely applicable.

Front Fabric Clamp

Press & hold the laid fabric stack, prevent fabric moving during the spreading process.

Intelligent cutting device

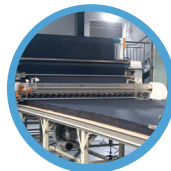
Intelligently adjusting speed and distance, self-sharpening function, with neat and stable cutting.

Features

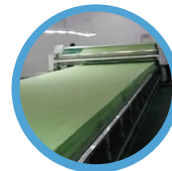
1. Digital LCD touch screen, free to set the fabric length, layers, moving speed, and spreading method.
2. The intelligent cutting device adopts a high speed and large torque motor, suitable for cutting various fabrics.
3. Cutting bracket would be lifted automatically as per layers increasing.
4. Material shortage detection: automatically detect the spreading origin after starting up, and automatically return to the origin when no material.
5. When power interrupted, spreading set information can be stored after power reconnected, and find the origin to continue fabric spreading.
6. Automatic edge alignment and layers counting.
7. High sensitive sensor to detect human being or obstacles barrier within 0.5 meter, to protect the operator and machine and ensure fabric edges aligned uniformly.
8. Equipped remote control can control machine stop and fabric feeding & collecting within 30 meters.

Application

Clothing, furniture, automotive interiors, outdoor tents, sleeping bags, toys, luggage, medical non-woven fabrics, etc. All kinds of knitted, woven, denim and leather fabrics.



Knitted fabric



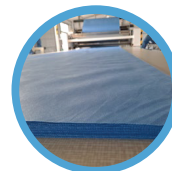
Woven fabric



Synthetic leather



Printed fabric



Non-woven fabric



Denim fabric

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Models

Models	Fabric Width	Weight After Installed	Fabric Roll Load
RPSM-NM-1-1000×1600-C-KW100-NA-1P220	1.6m	450kg	≤ 150kg
RPSM-NM-1-1000×1800-C-KW100-NA-1P220	1.8m	500kg	≤ 150kg
RPSM-NM-1-1000×2000-C-KW100-NA-1P220	2.0m	550kg	≤ 150kg
RPSM-NM-1-1000×2200-C-KW100-NA-1P220	2.2m	600kg	≤ 150kg

Parameters

Folded Fabric Load	≤ 100kg	Working Speed	≤ 100m/min
Fabric Roll Diameter	≤ 70cm	Power	3-4kW
Spreading Height	≤ 23cm	Working Voltage	Single Phase 220V±10%, 50Hz

Optional configuration



Electric rail



Automatic loader



Static elimination device



Folded fabric platform

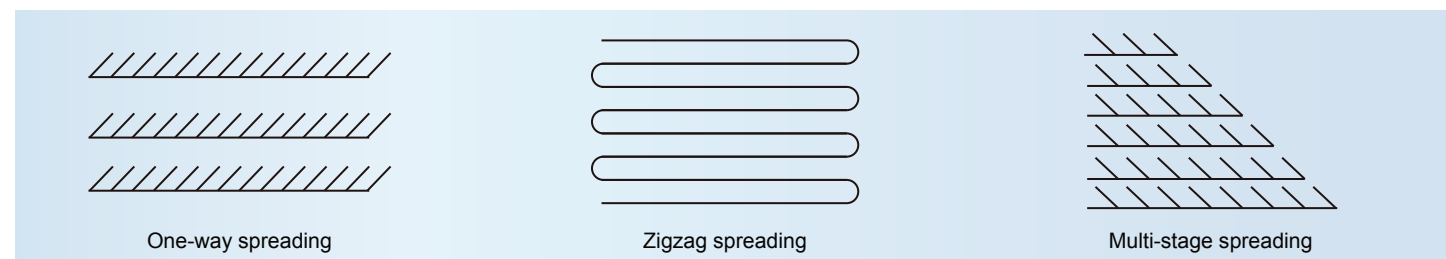


Zigzag device



Operator trolley

Spreading Method



Main Configuration

(Below are for reference, pls. consult with Richpeace for the final configurations)



Intelligent Cutting Device

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



Automatic Edge Alignment Sensor

International famous brand infrared diffuse reflection technology for the fabric edge alignment sensor, improved alignment quality.



Distance Measurement Encoder

To detect machine traveling distance, and ensuring same distances every time.



High Sensitivity Sensor

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

Richpeace Spreading Machine Table Series

Type	High Pressure Laminate (HPL)
Width	Can be customized according to requirement
Length	1200mm
Thickness	30mm
Height	770mm-830mm

Movable Table



Standard Table



Air Floating Table



Conveyor Table

