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### Apparel

Clothing | Bag | Shoes | Outdoor



### Hometextile

Bedding | Curtain | Upholstery



### Furniture

Mattress | Sofa | Leather



### Automotive

Heating | Sunroof | Interior



### TechTextile

Medical | Filtration | Safety



### Aerospace

Aviation | Satellite

## Richpeace Group Enterprise Limited

Head Office: Room 503, 5/F, Midas Plaza, 1 Tai Yau Street, San Po Kong, Kowloon, Hong Kong

## Tianjin Richpeace Computer & Machinery Co.,Ltd.

Factory: No.6 Baozhong Road, Baodi Economic Development Zone, Tianjin, China.

Tel: +86-22-22533456 Fax: +86-22-22530075

Email: sales@richpeace.com Web: www.richpeace.com

2018.03

# L2000

**Revolutionary Sewing Technology**

**RICHPEACE QUILT**



# Textile Creations for the Future

Richpeace Group was established in 1992. It is a national high-tech enterprise that integrates Research and Development, production, sales, and system solutions. It is one of the top 100 companies in the light industry and the top ten enterprises in the sewing industry in China. Richpeace Group has engaged into the development of automation and intelligent production solutions for the “cutting and sewing” technology of flexible materials in home textile, apparel textile, and industrial textile industry. Richpeace possesses core production advantages on software, electronic control and mechanical integration.

Richpeace has been the pioneer in the automation of home textile equipment for more than ten years.



## Three high speed models

1500RPM, 2000RPM and 2800RPM are suitable for different work production mode.

### Richpeace L1500 Computerized Multi-needle Rotary Hook Quilting Machine

RPQ-L1500-2R-(25+26)-105(315)-NT



### Richpeace L2000 Computerized Multi-needle Rotary Hook Quilting Machine

RPQ-L2000-2R-(25+26)-105(315)-NT



### Richpeace L2800 Computerized Multi-needle Rotary Hook Quilting Machine

RPQ-L2800-2R-(25+26)-105(315)-NT



## The inheritance of technology



**SOTEXI**®



**Richpeace**®

The crystallization of Chinese and French technology;

French design, made in China;

France SOTEXI is Europe's top supplier of home textile automation solutions;

Chinese RICHPEACE is the leader of Domestic home textile automation equipment.

## Model

According to the product's size, pattern and specification to pick the suitable model.



Single needle bar machine;  
Min. needle space is 105mm;  
Travel Distance in X-axis is 420mm;  
Suitable for the diamond, wave line and parallel lines, etc patterns.

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Double needle bar machine,  
Below needle bar can move half head distance, first machine in the industry to allow freely adjustable needle rows distance from 75 to 210mm.

## Astonishing speed

The fastest Multi-needle quilting machine in the world

Working speed can up to 2000RPM in 24 hours, the speed is three to four times than national shuttle quilting machine, less labor, workshop cover area, electricity and cost for manage.



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Only high-speed multi-needle quilting machine can release the capacity of carding machine to the greatest extent, the fastest one can quilt 12m per minute. Can match the capacity of the carding machine to the greatest extent, and then establish a carding and quilting automated production line.

## Thickness

The machine is available for both thin material and thick material. Max. thickness can reach 1200GSM cotton or 6CM thickness foam, traditional multi needle quilting machine only can quilt thinner material, such as summer cool quilts etc. Richpeace computerized multi needle quilting machine can quilt all quilts product including the thicker winter quilts.



Each needle is driven by an independent sewing head, strong penetrability;

Adjustable foot mechanism can meet quilting requirements of different thickness material.



## Computer control system

ARM+LINUX kernel technology,  
15 inch touching screen,  
industrial level control system;



High inertia servo drive, strong power,  
precision and energy saving;



Single needle row model machine is controlled by 3 servo motors to complete the movement of X and Y direction and the needle shuttle movement to achieve the quilting function. Double needle rows model machine is controlled by 4 servo motors.



## Humanization



Unique vertical feeding method in the world, needle rows place can moveable, jumbo rotary hook multi needle quilting machine, some patterns can be replaced without needle layout.



Worker is standing when change the hook, working easily and quickly. Improve worker posture.



Integrated with the moving material rack, reduce fabric finishing process, reduce worker strength.

## Various patterns

Single needle row model: pattern can be designed freely, small or big pattern quilt precisely, meet most product requirements.

Double needle rows model: unique needle row adjustable structure can quilt a variety of patterns; The distance between two needle rows can be adjusted continuously from 75–210MM; The sewing heads of below row can horizontal moved continuously, Max. half head distance.



## Super Jumbo Rotary Hook



Original Imported 3 Times Rotary Hook  
Special Surface Coated Treatment  
Tiny Oiling Lubrication

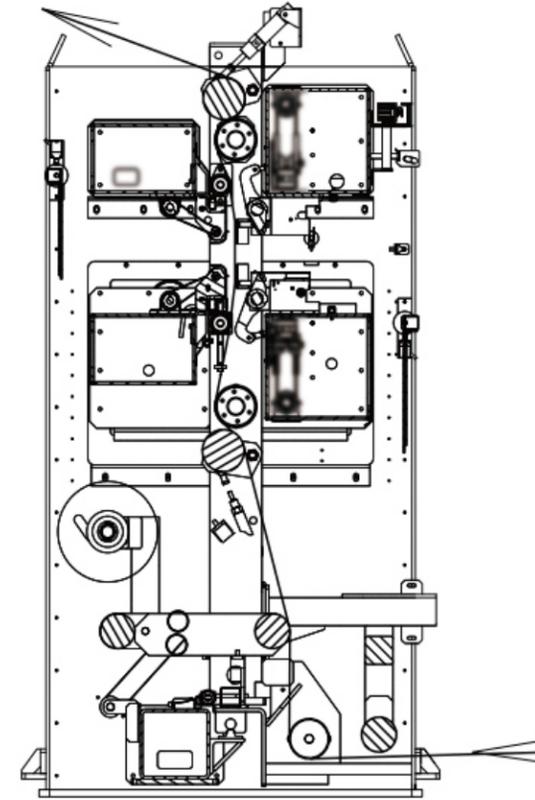
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pre wound bobbin thread without core is optional, increased thread value, pattern can be upto 500m.



## Improved operating environment

No Noise & oil pollution



Stable structure+vertical material feeding  
+horizontal needle punching and rotary hook  
construction, complete low noise, low break  
rate with high speed production.

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Advanced SMC atomization oil lubrication  
system from Japan, set auto lubricate  
according to need number, could auto  
lubricate mechanical part in machine part  
and rotary hook shaft below. Automatic,  
precision, environment.



## Brand cast the quality

Choose optimal supplier for each configuration



## Further for home textile

Along with the healthy-lifestyle becoming more and more interiorized, the change of home textile products frequency becoming higher and higher, quilt will also be fast moving customer good and core in further market.

New market need new production operation mode: higher capacity, Less consumption, less labor. Automatic production line for quilt emerged.

High-speed multi needle rotary hook quilting machine is key link of automatic production line.

## Our Customers

