



Richpeace[®]

Richpeace L1500 High-speed Multi-needle Quilting Machine

RPQC-NM-L1500D-26+25-315×2625-105S50-VR3-NA-3P380

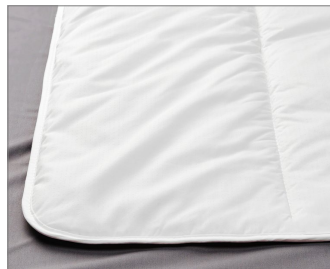


Feature

1. The unique double-row multi-needle quilting machine with large rotary hook, with working speed up to 1500 rpm, which is more than three times of the normal shuttle quilting machine, greatly improves the work efficiency.
2. Optional quilting step independent pattern (covering 180°, 360° pattern), the pattern is more accurate, no stitch lost, no loops.
3. The needle row distance can be adjusted arbitrarily from 75 to 210mm to achieve extra-large pattern quilting. The lower needle row can move 52.5mm (half the needle distance) in the X direction to match the upper needle.
4. Various patterns needle calculation can be done without changing the needle position, thereby greatly improved production efficiency.
5. Touch screen operation, graphical interface, clear and intuitive, all functions can be seen on the same interface.

Application

Suitable for multi-needle quilting of winter comforter, summer quilts, bed covers, mattress protectors, mattresses, etc.



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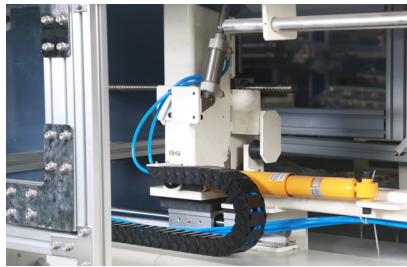
Machine Parameters

Model	RPQC-NM-L1500S-32-420×3255-105S50-VR3-NA-3P380	RPQC-NM-L1500D-26+25-315×2625-105S50-VR3-NA-3P380	RPQC-NM-L2000D-17+16-304.8×2438-152.4S50-VR3-NA-3P380
Sewing Thickness	50mm		
Stitch Length	2mm-6mm		
Working Speed	≤ 1500rpm		
Head Distance	105mm	105mm	152.4mm
Needle Row	Single Row	Double Row	Double Row
Sewing Width	3675mm	2940mm	2743mm
X Direction	420mm	345mm	304.8mm
Voltage	380V	380V	380V
Power	7.5kW	14.6kW	14.6kW
Machine Size	5880mm×1440mm×2384mm	5095mm×1200mm×2260mm	5095mm×1200mm×2260mm

Machine Configuration



ARM+LINUX core, 15-inch touch screen, industrial-grade control system.



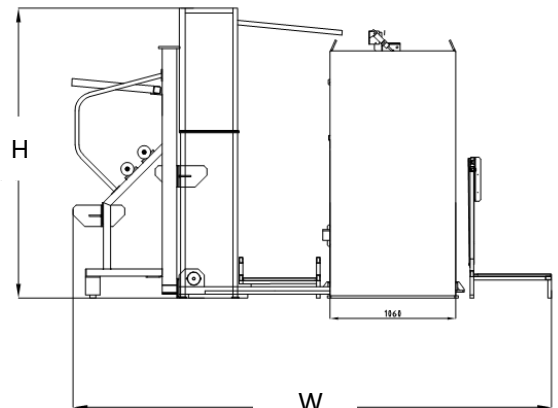
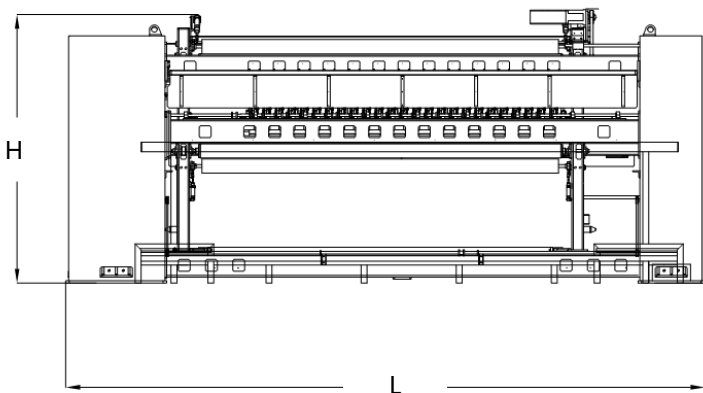
To complete the movement in X & Y directions and the movement between needle and hook, 3 servo motors configured for the single-row machine and 4 servo motors for the double row machine.



Double row machine: The unique adjustable hackle mechanism can make the pattern design more diverse. The row distance can be adjusted continuously from 75MM-210MM. The lower row head can be continuously moved horizontally, up to half the head spacing.

Equipment Layout

Unit: mm



Note: Double row model