



**Richpeace**<sup>®</sup>

# Richpeace Automatic Nine Heads Bar-Tacking Machine



## Features

**RPAS-HM-BT-9-2200X1800-B-IS-VR2,LH150,3P380V**

1. 9 machine heads are evenly located, can be lifted up and down individually, and computer control works at the same time. Able to select one or more machine head on or off. Machine heads spacing can be adjusted freely within a certain range. High speed automatic lifting machine head, suitable for various thickness sewing products requirement. Automatic upper & lower thread trimming feature.
2. Using long presser plate, by multi-points air cylinder pressing. Automatic pressed down when bar-tacking, ensure each bar-tacking result uniformly made, automatic lifted up after bar-tacking finished.
3. Feeding and discharging with belt driven, adjustable two ends, suitable for a certain range with various product width. Equipped with adjustable air compression control, computer control material movement, ensure precision bar-tacking.
4. Single operator, auto positioning, multi-heads run bar-tacking in one time to have single row of bar-tacking effect requirement. Conveying belt driving material mat movement without manual interference, greatly improved efficiency.
5. Freely design of bar-tacking pattern, realize products variety.
6. Intelligent system extendable: connecting with automatic production line, third-party automation device connection port control.
7. Machine equipped with DLC diamond coating needle bar and rotary hook shaft, wear resistance, able to work normally under high speed without lubrication or only minor lubricated.
8. 6-axis servo system + high precision lead screw driven, ensure high precision sewing.
9. SMC atomized oil injection to realize automatic lubrication.
10. Richpeace sewing computer control system, ARM core + LINUX system.

## Application

Suitable for automatic production on mattress, furniture items, etc indoor products with bar-tacking crafty. Able to make round bar-tacking or any other reinforcing patterns.



## Parameter

<b>Model</b>	RPAS-HM-BT-9-2200X1800-B-IS-VR2,LH150,3P380V
<b>Max. Speed</b>	2500RPM, suggested working speed 400-800RPM (depending on material thickness and compressibility)
<b>Number of Heads</b>	9 Heads
<b>Distance Between Center of Machine Heads</b>	200-400mm
<b>Cutting Length</b>	15-20mm
<b>Circle Diameter</b>	10-40mm
<b>Circle Stitch</b>	1/3 Circle overlap (the total number of stitches of the circle can be set)
<b>Stitch Length</b>	2-5mm
<b>Height of Machine Head from Table</b>	120mm
<b>Mattress Sewing Thickness</b>	≦ 100mm while the compression thickness is less than or equal to 10mm, sewing speed will decrease correspondingly when thickness increases.
<b>Equipment Conveying Method</b>	Conveyor (go in from the front, go out from the back)
<b>Docking Port</b>	Reserved
<b>Fastest Transmission Speed</b>	0.8m/sec.
<b>Power</b>	28.35kW
<b>Voltage</b>	3 Phase 380V
<b>Machine Size</b>	3800mm×4450mm×1700mm (L×W×H)

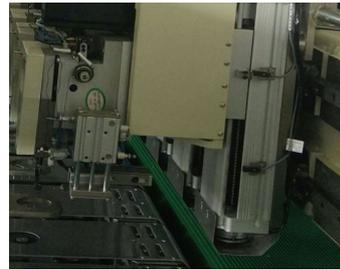
## Machine Configuration



9 Sets of Lift Up & Down Machine Heads



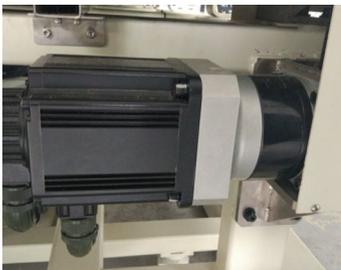
Machine Heads Distance 200-400mm Adjustable



Electric Lifting Slide



Ball Spline Shaft Structure Transmission Device



International Brand Servo Motor Drive



Feeding & Discharging Belt Driven Device



Threading Helper Device



Upper Thread Clamping Mechanism

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