



**Richpeace®**

# Richpeace Fully Automatic 360° Rotary Head Single Needle Sewing Machine (Auto Feeding)

RPAS-LM-R-1-900×600-A-IS2-VR2-LH50,RH360,AF-1P220



## Features

1. 10-inch high-definition industrial tablet, easy operation.
2. Standalone driving for rotary head, nice looking sewing stitch effect, improve quality of finished product.
3. Automatic feeding mechanism in left & right alternatively, improve work efficiency and reduce manual work intensity.
4. Richpeace sewing electric control system, ARM core + LINUX system.
5. Vertical lift up machine head, easy to change material frame, and good for span-stitch sewing.
6. USB port for pattern files input, large capacity of stitch file.
7. High quality international brand servo motor, driving high-precision linear guide rail, to ensure high precision on pattern and good quality stitch effect.
8. With specific support structure workbench, to ensure evenly stitches and accuracy on production under machine in high-speed operation.
9. Needle bar & rotary hook shaft treated with DLC diamond-like carbon coating, resistance to wear and can work normally at high speed without oil or less oil lubrication.
10. SMC atomized oil head to realize automatic lubrication on main moving components.
11. Automatic thread trimming, upper thread breakage detection, bobbin thread counting and upper thread clamping functions.
12. Optional Richpeace template sewing software, arbitrary design pattern, fulfill customization pattern design requirement.

## Application

Suitable for automatic sewing of thin and thick materials such as down jacket, cotton clothes and pillowcase, etc.



## Parameters & Configurations

Main Parameters			
<b>Recommended Model</b>	RPAS-LM-R-1-1200×800-A-IS2-VR2-LH50, RH360,AF-1P220		RPAS-LM-R-1-900×600-A-IS2-VR2-LH50, RH360,AF-1P220
<b>Sewing Area</b>	1200mm×800mm		900mm×600mm
<b>Machine Occupation</b>	3750mm×3670mm×1700mm		3550mm×3070mm×1700mm
<b>Max. Sewing Speed</b>	2500RPM	<b>Max. No. of Stitches Stored</b>	268 million
<b>Machine Head Lifting</b>	50mm	<b>Lubrication Feature</b>	Automatic
<b>Stitch Length</b>	0.5mm-25.4mm	<b>Rotary Hook</b>	Koban (Japan)
<b>Frame Fixing Method</b>	Pneumatic Pressing Frame	<b>Motor</b>	Servo Motor
<b>Stitch Type</b>	Single Need Lock Stitch	<b>Air Pressure</b>	0.6Mpa
<b>Thread Trimming Device</b>	Pneumatic Thread Trimming	<b>Power Supply</b>	Single-Phase 220V/50Hz
<b>Pattern Input Method</b>	USB Storage	<b>Power</b>	3.8kW

## Main Configurations

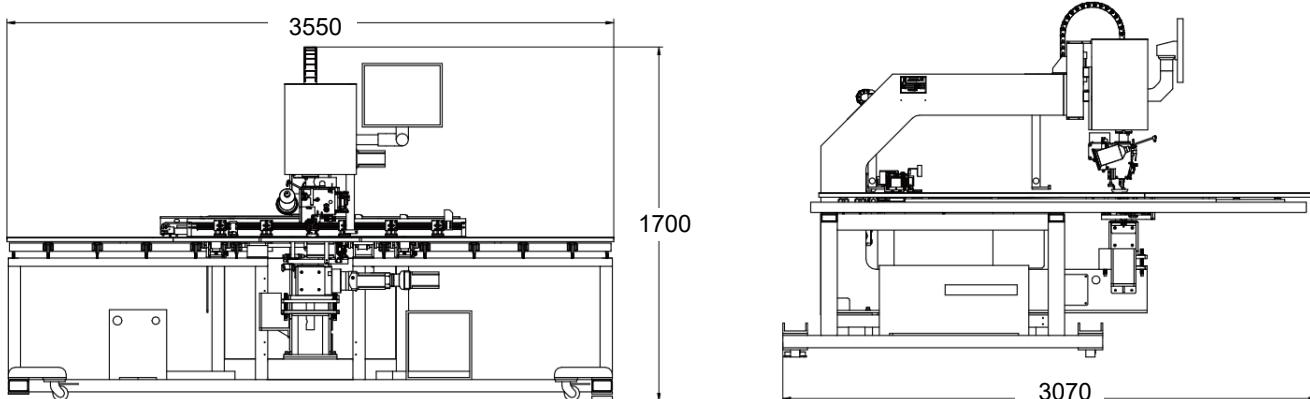
(the final configuration of the equipment is subject to the manufacturer's factory standard)

<b>Belt</b>	BANDO (Japan) Getreu (Germany)	<b>Rotary Hook</b>	Koban (Japan)
<b>Bearing</b>	NSK (Japan)	<b>Cylinder</b>	AirTAC (China Taiwan) SMC (Japan)
<b>Motor</b>	Fuji (Japan)	<b>Cable</b>	Igus (Germany)
<b>Workbench Table</b>	Shanghai Rongqin 6000 Abrasion Resistance	<b>Cable Carrier</b>	Igus (Germany)
<b>Caster</b>	Global	<b>Guide Rail</b>	Igus (Germany)

## Equipment Dimension

(Model: RPAS-LM-R-1-900×600-A-IS2-VR2-LH50, RH360, AF-1P220)

Unit: mm



Note: Machine Size: 3550mm×3070mm×1700mm (L×W×H)

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