20221214

Richpeace®

Richpeace Automatic Perforation(special-hole) +Embroidery+Sewing (rotating head) Machine

360° Rotary Sewing Head + 9-color Embroidery Head + 6-special-shaped Rotary Punching Head

RPCE-L-SP+E+S-1-1200×800-B-SP6+F9+IS2-VR1,VR2-LH50,RH360,AO-1P220

Richpeace Ⅲ Generation control system

Friendly human-machine interface, flexible touch, large storage, ensure the high-precision of the machine.

Rotary Punching Mechanism

Arbitrary angular punching in 360°, motorized lifting device controls the knives switching automatically, and servo motor controls puncher rotating at any angle.

9-color Embroidery Head

Embroidery head with automatic lubricating function, the pattern can be arbitrarily designed, and the embroidery quality is stable.

Rotating Control Device

Sewing head and Rotary case are controlled by the rotary console and can be rotating in 360° Synchronously.

Pneumatic Lifting Device

Pneumatic controlling movement of the lifting device, sewing head is lifting up and down independently.

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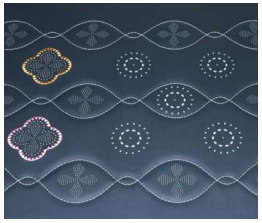
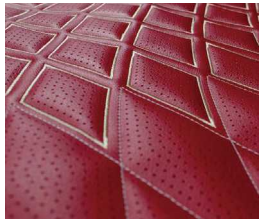
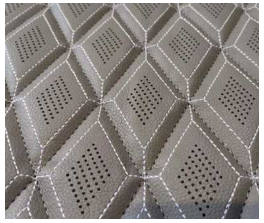
Application

Suitable for car seat, footmat, air craft seat, furniture, sports shoes, leather shoes, leather clothes, leather bags, etc.



Models

Models	Working Area	Machine Land Size(L×W×H)
RPCE-L-SP+E+S-1-900×600-B-SP6+F9+IS2-VR1, VR2-LH50,RH360,AO-1P220	900mm×600mm	4950mm×2175mm×1750mm
RPCE-L-SP+E+S-1-1200×800-B-SP6+F9+IS2-VR1, VR2-LH50,RH360,AO-1P220	1200mm×800mm	5500mm×2575mm×1750mm

Parameters

Punching speed	≤800 holes/min	**Sewing Head Lift Height**	50mm
Embroidery speed	≤800 stitches/min	**Pattern reading**	USB port
Sewing speed	≤1200 stitches/min	**Material Fixing**	Clamping and locking
Stitch Length	0.1-12.7mm	**Control panel**	15 inch industrial-computer control screen
Sewing Needle	DP×17 (18#-23#)	**Power**	6kW
Embroidery Needle	9#-16#	**Air Pressure**	0.6Mpa
Max. storage	8G	**Power Supply**	1P220V
Puncher Spec.	Standard round hole (1.0mm, 1.2mm, 1.5mm, 2.0mm), square hole 1.5mm, diamond hole 1.0×2.0mm (puncher size can be customized, and diameter within 10mm)		

Features

1. Integrated with embroidery, sewing and punching in one machine, and arbitrary designs, easily realize any complicated combination process of punching,embroidering and sewing.
2. It adopts independent driven rotary head and hook mechanism. The head and hook can rotate in 360°, avoiding the quality difference of positive and negative stitch.
3. The rotary punching mechanism can install up to 6 kinds of special-shaped knives, and any knife can realize 360° rotation, punching out any angle patterns to enrich more designs.
4. Punching knives are optional for : round-hole knife, square-hole knife, rectangular-hole knife, diamond-hole knife, elliptical-hole knife, and other special-shaped hole punching knives. (Hole diameter range within 0.8mm-10mm.)
5. Good consistency of embroidery and sewing stitches, stable quality and less defective.
6. Automatic lubrication with rotary hooks and embroidery and sewing heads.
7. With powerful industrial vacuum cleaner, good cleaning effect.
8. Air Suction function for punching head, leather chippings are collected through the hollow bar, keeping working environment clean.
9. Aluminum clamping frame special for leather, easy for installation, conversion and leather changing.
10. Optional Richpeace Intelligent SewPer CAD, free to design any pattern, easily realizing any special sewing process.
11. Optional stainless steel plate, stable and durable.

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AL BORJ MACHINERY LLC

Document	Catalogue (PDF)
Maker	Tianjin Richpeace AI Co., Limited
Maker's pages	1 and 2
Edition	Al Borj Machinery, 2026

Richpeace Triple Combination Special

Special hole punching, embroidery and rotary sewing machine

Catalogue (PDF)

Catalogue et fiche technique (PDF)

الكتالوج والمواصفات الفنية (PDF)

Product page

alborj.com/products/richpeace-triple-combination-special

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Page 1, the first page of the maker's catalogue, reproduced unchanged.

In this catalogue

1 The machine: 360° rotary sewing head, 9-colour embroidery head and special-shaped rotary punching head

2 Applications, models, parameters and features