



Richpeace®

Richpeace Large Area Computerized Embroidery Machine



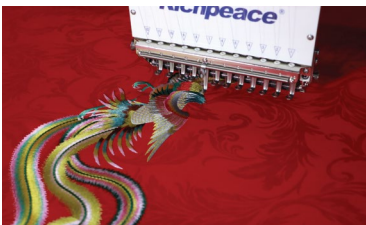
Model: RPCE-NM-FE-2-800 (1100) × 1500-B-F12-VR1-NA-1P220

Machine Feature

1. 12-color double-headed large area computerized embroidery machine, more suitable for large area embroidery application of home textile products. Two heads work at the same time, embroidery area of each head is 800mm×1500mm. When any one of the heads is closed, embroidery area of a single head can be 1100mm×1500mm, through the combination of two heads, it can reach 1900mm×1500mm super large area embroidery, which is more efficient and precise than traditional embroidery frame merging & inverted method.
2. Richpeace 3rd generation computerized embroidery control system, a self-developed industrial grade control system with ARM+LINUX architecture. Has the characteristics of stable work, flexible expansion, convenient and quick operation etc. Cooperate with full servo drive system, has the advantages of high working speed, fineness pattern embroidery and high quality embroidery.
3. Richpeace has the advantages of integrated production of software, electronic control and machinery. With independent intellectual property rights, plus R&D in customization capabilities.
4. Self-developed Richpeace Welcome Embroidery CAD software, seamlessly connecting with Richpeace embroidery equipment.
5. Main shaft, X, Y are all servo motors drive.
6. Trimming system: dynamic electro-machinery trimming, able to control thread cutting length, higher efficiency, working quietly and improved embroidery quality and productivity.
7. Three main shells: independent R&D and production of the needle stitching mechanism, hook mechanism and thread take-up mechanism to ensure the accuracy of dimension and the stability of quality. Aluminium alloy CNC processing, special surface treatment, precision and durability.
8. Machine frame is made of high-quality steel, high rigidity, horizontal platform welding. Super large gantry milling machine one-time milling and forming, double beams structure, precise and firm.
9. High hardness table board, high strength & wear resistance, good flatness, CNC machining center one-time processing and forming.

Application

Applicable for precision embroidery of clothing, home textile, furniture, automotive interior, toys and other fields.



Parameters

Model	RPCE-NM-FE-2-800 (1100) ×1500-B-F12-VR1-NA-1P220		
Embroidery Area	Two heads working, each head 800mm×1500mm One head working, can be 1100mm×1500mm Combination of two heads, working area can be 1900mm×1500mm		
Embroidery Speed	1000 RPM Max.	Pattern Reading	USB or WIFI
Number of Needles	12 Needles	Trimming	Electrical machinery dynamic trimming
Max. Storage	500 million stitch	Hooking Method	Individual motor hooking
Stitch Length	0.1mm-12.7mm	Main Shaft & Embroidery Frame Driving	Servo motor
Weight	2900kg	Rotary Hook	KOBAN or HIROSE (Japan)
Dimension of Equipment (L×W×H)	4148mm×3500mm×1650mm	Power Supply	Single phase 220V / 3-Phase 380V, 50Hz
		Power	1.6kW

Machine Configuration



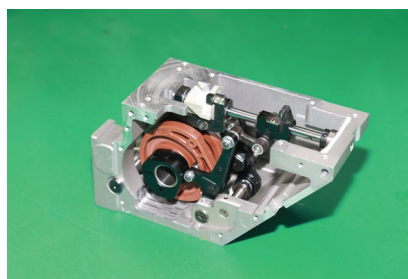
15.6 inch LCD touch screen



Inovance servo motor



KOBAN or HIROSE rotary hook (Japan)

Double CAM driving, high speed,
low noise

Japan NSK bearing



SMC atomized injection (optional)

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