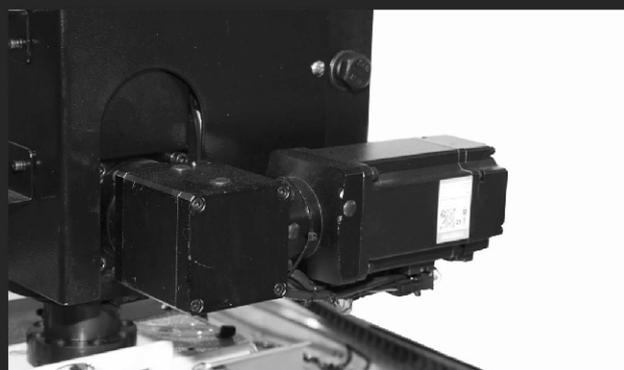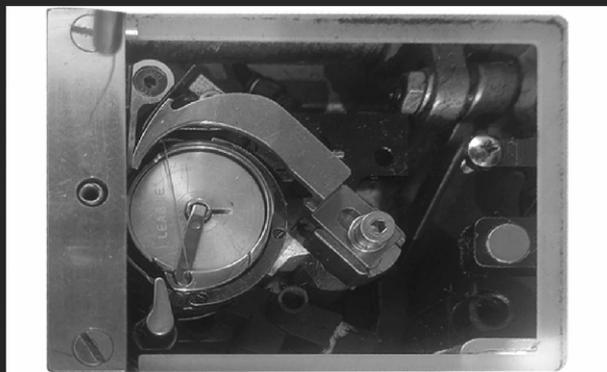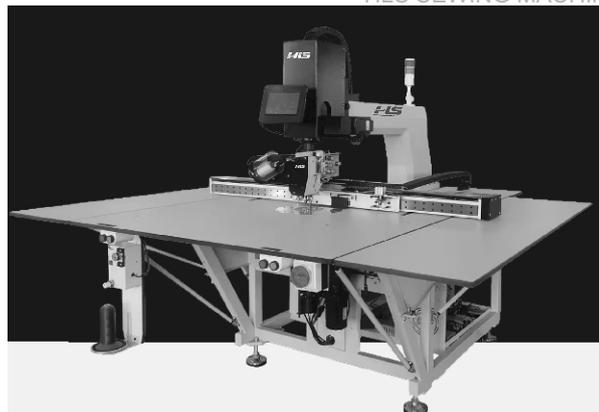# HLS5217C-106

Lifting&rotating head templating machine
(Vertical hook)

Features:

Head with automatic lifting function, lifting height up to 50mm; 360 ° infinite rotation, no reverse seam, fast turning angle, less useless feeding, high efficiency. Sewing range 1000X600mm, X-Y rectangular coordinate feeding, stepper motor drive: The base design adopts integrated casting, which is sturdy, durable, high-precision, and has low vibration; Independent servo motor drive for upper and lower axes, flexible control, high precision, and fast operation: 3 times heavy duty rotary shuttle(32mm), adopting a vertical rotary shuttle double needle structure to ensure perfect sewing thread, ultra large capacity bobbin, reducing the frequency of bobbin replacement, improving production efficiency. The new oil supply system runs stably and is easy to adjust.

Adopting a combination of stepper motor driven inner pressure foot and pneumatic pressure foot for easy adjustment, and electromagnetic driven straight knife thread trimmer Convenient template automatic recognition and quick template clamping mechanism, stable pressure clamping: advanced computer control system, large-sized color touch display screen, easy and intuitive operation: complete functions: automatic cutting, automatic foot pressing, wire breakage detection, template recognition, electronic wire clamping, needle air cooling, independent quantitative winding machine, bobbin thread alarm, IoT device, etc.: optional device laser cutting, scanning, automatic shuttle core changing, point pen, wire scanning and other functions

main functions

- ⟩ head lifting height Max.50mm
- ⟩ sewing scope 1000*600mm
- ⟩ Vertical hook 32mm
- ⟩ Stitch length 0.1-12.7mm
- ⟩ Three bolt drive feeding
- ⟩ Presser foot height 0-20mm
- ⟩ Fast module clamping
- ⟩ head lifting,360 degress roating
- ⟩ Intergrated casting
- ⟩ Independent bobbin winder device
- ⟩ Electronic thread tension
- ⟩ Automatic trimmer
- ⟩ Needle cool system
- ⟩ RFID template recognition

Technical parameters:

Mode	MAX						SYSTEM					
5217C-106	2000	●	0.1~12.7	0-9	50	32/3倍	DPX17 19#镀钛	10/3	●	20	●	1000×600mm