

High-speed Computerized Chain Stitch Multi-needle Quilting Machine

高速电脑无梭多针绗缝机



Features

- Unique oil reservoir lubrication system greatly enhances the lifespan of the anti-friction plate and reduces daily maintenance frequency.
- The special metal material made anti-friction plate, ensures a smoother and more wear-resistant connection between the shifter rack and the pallet rack.
- The needle bar and pressing-plate movement adopts an aluminum alloy needle bar frame and pressing-bar frame structure, oil-free, strong and durable.
- The pressing plate, made of high-strength material, offers a significantly larger vertical height range, providing greater stability and convenience during operation.
- Featuring 360-degree arbitrary quilting and unlimited independent pattern jumping function, as well as an automatic thread trimming function.
- The main unit is equipped with an embedded industrial computer and a self-developed motion control chip, ensuring fast response, long lifespan, and excellent stability.
- The spindle drive adopts a servo motor, allowing variable speed and bidirectional rotation.
- Hooking thread trimming function effectively reduces the occurrence quilting of skipped stitches, improving thread cutting efficiency and ensuring consistent quality.
- Infrared bottom and upper thread breakage detection, as well as infrared safety protection during operation.

Application

Mattress panel, mattress pads, bedspreads, comforters, bedding, blankets, seats covers, decoration, and more.

机器特性

- 独特设计的油囊供油润滑系统，大大提高了防磨片的使用寿命，减少日常保养周期。
- 采用特殊金属材料制成的防磨片，使得拨片架与托板架之间的连接更加平顺、耐磨。
- 针排、压板运动采用铝合金针杆架、压杆架结构，免加油，坚固耐用。
- 采用高强度材料的托板，上下超大高度，使用更稳定，操作更便捷。
- 具有360度任意绗缝独立花样的跳花功能，自动剪线功能。
- 主机配备嵌入式工业电脑和自主研发的运动控制芯片组，响应速度快，使用寿命长，稳定性好。
- 主轴驱动采用伺服电机，可变速，可正反转。
- 钩子剪线功能有效地减少跳线，提高剪线效率，绗缝质量更稳定。
- 红外线底、面线断线自停检测功能和红外线安全保护作业功能。

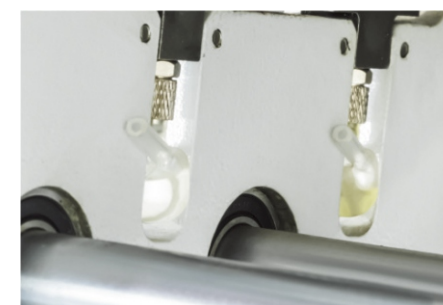
适用范围

用于生产高级床垫面料、居家装饰品、地毯、坐垫等。

Parameters 机器参数

Model 型号	GOAQC-NM-6"C3J-94+94+94-410×2362-1"RNC- CN-SF-3P380
Dimension (L×W×H) 主机尺寸 (长×宽×高)	5200×1600×2300mm
Needles/Row 单排针数	94 needles 94针
Straight Line Quilting Width 直线绗缝宽度	2362mm/93inches 2362mm/93英寸
Max. Quilting Width 最大绗缝宽度	2667mm/105inches 2667mm/105英寸
Needle Rows 针排数	3
Rows Spacing 针排距	3"+3"
Needle Spacing 针距	25.4mm
X-Stroke X行程	305mm
Quilting Thickness 绗缝厚度	≤80mm
Stitch Length 步长	1-12mm
Needle Spec. 机针型号	24#
Production Speed (m/h) 生产速度 (米/时)	60-230
Spindle Speed 主轴转速	100-1000 (r/min) 100-1000 (转/分)
Power 功率	8kW

Customized model are available to meet various needs / 可按客户需求订做特殊机型



Unique oil bag lubrication system 独特的油囊供油系统



Aluminum alloy needle bar frame and pressing-bar frame 铝合金针杆架、压杆架



One-click operation of Spindle back to Thread-hooking position on HMI 主轴去勾线位，一键操作

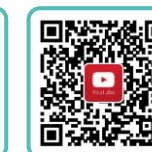
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