

LKS-1900D SERIES

SIRUBA
銀箭牌

Computer-controlled, High-speed,
Lockstitch, Bartacking Machine

高速电子平头套结机



- 精工品质，智慧高效，性能出色。
- 电控与机头一体式设计，安装更便捷。
- 全新操作面板，调用图案便捷，图案一致性强。
- 新型的自动抬压脚和剪线机构，速度更快更稳定。
- 乾式无油机头，无需担心污染缝料、更环保。
- 全密封内润滑机构，整机噪音更低，使用寿命持久。
- Focus on quality, efficiency and performance.
- Control box and machine head connect together; easy for installation.
- Brand new control panel, easy to use.
- New design for auto presser foot lifter and for automatic thread trimmer; with faster and more stable performance.
- Machine head with oil-free structure; no oil stains; environment-friendly.
- Sealed structure of lubrication; low noise; longer service life.



KAULIN

特点

FEATURES

1 闭环控制系统：

步进马达闭环智慧运动控制系统，能够即时监控机械结构的运动趋势，对运动偏差进行即时补偿和修正：减少高速运行时的失步，消除了机械配合误差，提高动作精准度，达到提升效率的目的。

Closed control system：

Stepping motor closed control system can do immediate monitor of the mechanic movement, both make up and correct the deviations, cut the reaction time, rise the efficiency and accuracy, ensure the productivity.

2 高效地生产性能：

实现了高速的缝制速度3,300 S.P.M., 通过高速的性能，能快速启动和终止缝制，通过高速的切线速度以及自动抬压脚操作，大幅度缩短了套结循环时间。

Higher productivity：

The machine realizes high speed 3,300 S.P.M., in addition to the high speed sewing performance, cycle time can be substantially decreased.

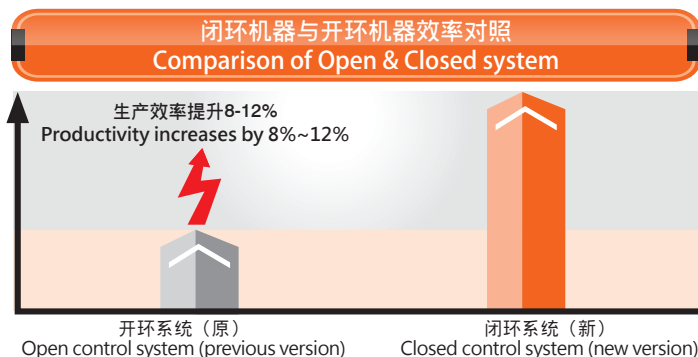
3 优质的缝制品质：

配备面线夹线机构。它可防止起缝时的松线，以及布料反面的鸟巢现象，还消除了面线被污染的情况。通过进一步改进切线机构，使切线后留在布料反面的线残量变短。

Excellent seam quality：

With needle thread gripper, which prevents thread slipping off from the needle hole at the beginning of sewing, and bird-nest problem on the bottom side, and also oil stain problem. For the advanced thread trimming mechanism, the remained thread-end can be shortened.

闭环和开环对比 Comparison of Open & Closed system		
项目 Item	回馈系统 Feedback	对运动偏差即时补偿 Reaction of deviation compensation
开环系统 Open	无 No	无 No
闭环系统 Closed	有 Yes	有 Yes



规格

SPECIFICATIONS

型号 Model	用途 Application	mm	Needle No.	布料厚度 Fabric Weight			mm	mm	S.P.M. (Max)	缝制区域 (X × Ymm) Sewing area (X × Ymm)	按键面板 Key panel	触控面板 Touch panel
				L	M	H						
LKS-I900D-SS	套结 Bartacking	41.2	DP × 5 #11				标准14，最大17 (反转抬针时) Standard: 14 Maximum: 17 (moment of reversing and lifting)	0.1~10.0 (0.1单位)	3300	40 × 30	√	√
LKS-I900D-SST			DP × 5 #14								√	√
LKS-I900D-HS			DP × 5 #14								√	√
LKS-I900D-HST			DP × 5 #14								√	√
LKS-I903D-SS	钉扣 Button sewing	41.2	DP × 17 #19				标准14，最大17 (反转抬针时) Standard: 14 Maximum: 17 (moment of reversing and lifting)	0.1~10.0 (0.1单位)	2800	6.8 × 6.8	√	√
LKS-I903D-SST			DP × 17 #19								√	√

用途 Function	套结 Bartacking	钉扣 Button sewing
送布 Fabric Feeding	间接送布(步进马达2轴驱动方式) Indirect fabric feeding (Driven by 2-axis stepping motor)	
抬压脚方式 Way of presser foot lift	步进马达 Stepping motor	
旋梭 Hook	半旋转标准旋梭或半旋转倍旋梭 Standard hook with semi-rotation or other hook with semi-rotation	
加油方式 Way of adding oil	旋转部：微量加油 Rotation part: add oil with minimum capacity	
放大缩小功能 Function of Zoom in & Zoom Out	X方向、Y方向各自独立缩放20%~200% (1%单位) Zoom in and Zoom out 20%~200% independently of X axis and Y axis	
放大缩小方式 Way of Zoom in & Zoom out	线迹长度增减方式 Stitching length adjustment	
标准缝纫图案 Standard Sewing Pattern	100 种图案 100 Patterns	50 种图案 50 Patterns
USB存储图案数 Max. Number Of Stored Memory Patterns For USB	100组 100 Combos	
储存容量 Capacity	最大20000针 Maximum with 20,000 needles	
马达 Motor	直驱式 AC伺服马达550W Direct-drive AC Servo Motor 550W	
电源 Power supply	AC 220V ± 10%: 50/60Hz	
额定功率 Power	600W	
重量 Weight	机头(包括马达): 45 kg, 电子控制箱: 5 kg Machine Head (including motor): 45 kg, Electronic Control Box: 5 kg	

※最高缝制速度请根据缝制条件降低速度使用。

※ Max speed varies base on actual sewing condition.



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The specification and/or appearances of the equipment described in this catalogue are subject to change without previous notice because of modification.

C.S2023-22. JUN. 2023