

# LKS-1900D SERIES

SIRUBA  
銀箭牌

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

高速電子平頭套結機



- 精工品質，智慧高效，性能出色。
- 電控與機頭一體式設計，安裝更便捷。
- 全新操作面板，調用圖案便捷，圖案一致性強。
- 新型的自動抬壓腳和剪線機構，速度更快更穩定。
- 乾式無油機頭，無需擔心污染縫料、更環保。
- 全密封內潤滑機構，整機噪音更低，使用壽命持久。
- 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

# 特點

# FEATURES

## 閉環控制系統：

1 步進馬達閉環智慧運動控制系統，能夠即時監控機械結構的運動趨勢，對運動偏差進行即時補償和修正；減少高速運行時的失步，消除了機械配合誤差，提高動作精確度，達到提升效率的目的。

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 高效地生產性能：

實現了高速的縫製速度3,300 S.P.M.，通過高速的性能，能快速啟動和終止縫製，通過高速的切線速度以及自動抬壓腳操作，大幅度縮短了套結循環時間。

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.

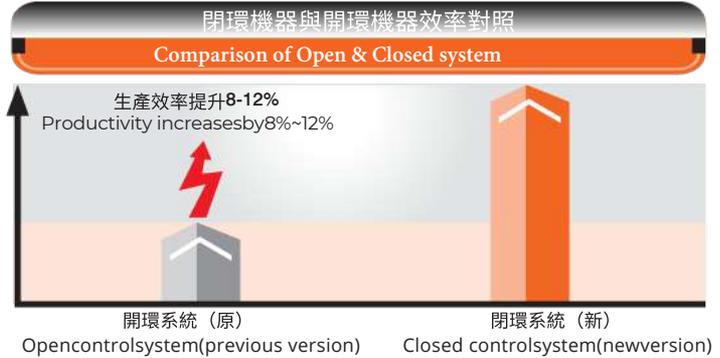
## 3 優質的縫製品質：

配備面線夾線機構。它可防止起縫時的鬆線，以及布料反面的鳥巢現象，還消除了面線被污染的情況。通過進一步改進切線機構，使切線壓腳操作，大幅度縮短了套結循環時間。後留在布料反面的線殘量變短。

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.

閉環和開環對比 Comparison of Open & Closed system		
項目 Item	回饋系統 Feedback	對運動偏差即時補償 Reaction of deviation compensation
開環系統 Open	無 No	無 No
閉環系統 Closed	有 Yes	有 Yes



# 規格

# SPECIFICATIONS

型號 Model	用途 Application	mm	Needle No.	布料厚度 Fabric Weight			自動 Auto	mm	S.P.M. (Max)	縫製區域 (X×Ymm) Sewing area (X×Ymm)	按鍵面板 Key panel ✓	觸控面板 Touch panel
				L	M	H						
LKS-1900D-SS	套結 Bartacking	41.2	DP ×5 #11				標準14, 最大17 (反轉抬針時) Standard: 14 Maximum: 17 (moment of reversing and lifting)	0.1~10.0 (0.1單位)	3300	40 x 30	✓	✓
LKS-1900D-SST												
LKS-1900D-HS												
LKS-1900D-HST												
LKS-1903D-SS	釘扣 Button sewing	41.2	DP×5 #14				標準14, 最大17 (反轉抬針時) Standard: 14 Maximum: 17 (moment of reversing and lifting)	0.1~10.0 (0.1單位)	2800	6.8 x 6.8	✓	✓
LKS-1903D-SST												

用途 Function	套結 Bartacking	釘扣 Button sewing
送布 Fabric Feeding	間接送布(步進馬達軸驅動方式) Indirect fabric feeding (Driven by 2-axis stepping motor)	
抬壓腳方式 Way of presser foot lift	步進馬達	
旋梭 Hook	半旋轉標準旋梭或平旋轉倍旋梭	
加油方式 Way of adding oil	旋轉部微量加油	
放大縮小功能 Function of Zoom in & Zoom Out	X、Y方向各自獨立縮放20%~200% (0.1單位)	
放大縮小方式 Way of Zoom in & Zoom out	線跡長度增減方式	
標準縫紉圖案 Standard Sewing Pattern	100種圖案 100 Patterns	50種圖案 50 Patterns
USB存儲圖案數 Max. Number Of Stored Memory Patterns For USB	100組 100 Combos	
儲存容量 Capacity	最大20000針 Maximum with 20,000 needles	
馬達 Motor	直驅式AC伺服馬達550W Direct-drive AC Servo Motor 550W	
電源 Power supply	AC 220V ± 10%; 50/60Hz	
額定功率 Power	600W	
重量 Weight	機頭(包括馬達): 45 kg, 電子控制箱: 5 kg Machine Head (including motor): 45 kg, Electronic Control Box: 5 kg	

※最高縫製速度請根據縫製條件降低速度使用。

※ Max speed varies base on actual sewing condition.