



Single Knit Electronic Jacquard With
Auto Striper Circular Knitting Machine

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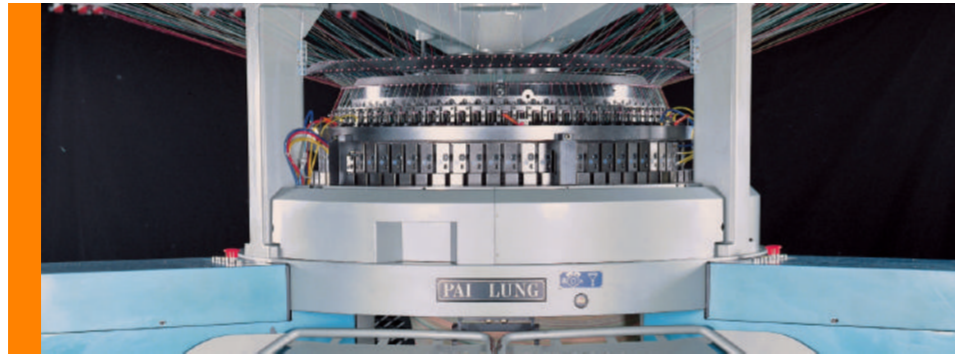
Knitel Series

Single Knit

Single Knit Electronic Jacquard With
Auto Striper Circular Knitting Machine

單面電子彩條大提花圓筒針織機

PL-KSCJ/CS



Products Introduction

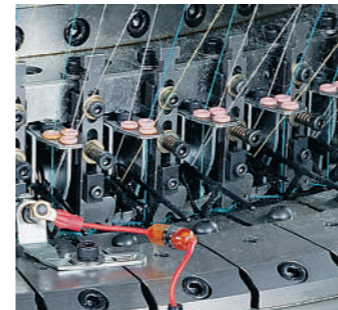
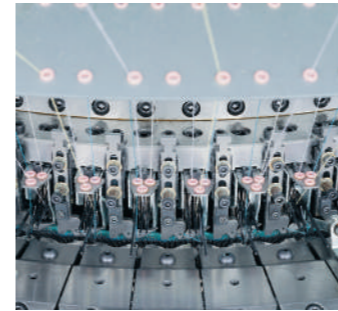
Since its introduction in '90's, the Pai Lung's full jacquard machine has established a reputation for the highest performance standards in market; the presentation of new generation Knitel series PL-KSCJ has increased Pai Lung's leading position.

Equipped with Piezo element control system and combined with color striper function, no matter 3 / 4 / 6 colors, PL-KSCJ/CS is still able to reach three technical ways to present the functionality of full jacquard. In certain 4 / 6 colors pattern it is also capable of working with spandex yarn. From 3 color striper model, with simple system setup, it can work as 6 color striper machine. And both of each model is also convertible to equip with open width take up system.

Pai Lung offers its design software Pandora operation in Microsoft Windows. With multi-function in the entire display, it is easy to create complex pattern from this system, and convert the pattern design to the jacquard machine and pattern knits.

Imaging the benefit of nearly unlimited possibilities from color striper with full jacquard, and plus translucent visual effect. With certain parts changed, a 3 color computer jacquard machine can simply be transformed to 3 color striper

fishnet jacquard knitting machine. With excellent heritage in the striper development, Pai Lung's single knit color striper electronic jacquard machine will be above the satisfaction that industries already have.



產品介紹

PL-KSCJ/CS

累積過去的經驗,聆聽客戶的回應與建議,再加上自我研發能力的不斷提升,佰龍始終致力於維持電子變色大提花圓筒針織機在客戶心中的地位,保持一貫的品質,追求自我超越。本系列依據市場需求及紗線變化運用,而發展出規格不同機種:

- PL-KSCJ/CS3 單面三色變色電腦大提花圓筒針織機 (三功位)
- PL-KSCJ/CS4 單面四色變色電腦大提花圓筒針織機 (三功位)
- PL-KSCJ/CS6 單面六色變色電腦大提花圓筒針織機 (三功位)
- PL-KSE(P)CJ/CS3 單面電腦網眼三色變色大提花圓筒針織機 (三功位)

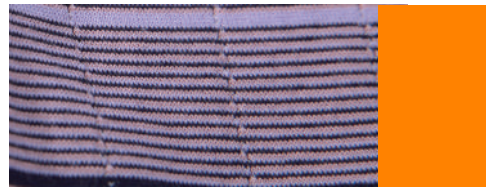
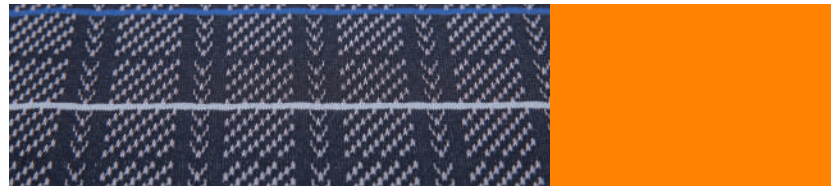
採用改良可靠及維修簡易的電子壓變陶瓷選針器系統,作為本機選針織造提花面料的基礎架構。提花機件包括針筒織針,中間挺針片及提花片,配合三功位選針系統,能編織指定圖案之大型提花織品,該功能克服了一般機械提花有限度花形範圍之缺點,並且有效節省花形更換所花的時間。機台上裝置 1MB 記憶體,並可依需求擴增容量。系統並具備精密編碼器可以準確計算織針位置和校正零點。佰龍另提供選購之專用軟件 Pandora,可在 Windows 系統下繪製或掃描輸入圖案,轉換至針織機可讀取之程序並執行織造。Pandora繪圖系統具備多種功能,可快速製作及複製複雜圖形,並表現左右對稱,上下翻轉等效果。

單面電子控制大提花圓筒針織機結合彩條效果,可做出更豐富的變化。佰龍提供 3、4、6 彩條規格。其中 4 色及 6 色機型可於某些提花組織中加入彈力紗;3 色機型程式更換後,可以當作 6 色彩條變化效果。佰龍亦可根據客戶需求,提供開幅剖布系統於以上各機型,使此系列機型發展更能滿足市場反應需求。而 PL-KSECJ/CS3 具備半針網眼提花組織織造功能,每一個變色龍頭均具備三色獨立換紗板、切紗片及夾紗片。切紗片及夾紗片的作用是當凸輪將換紗板回收以交換顏色時,做夾切紗的動作。以待下一次換紗時再進行出紗動作。

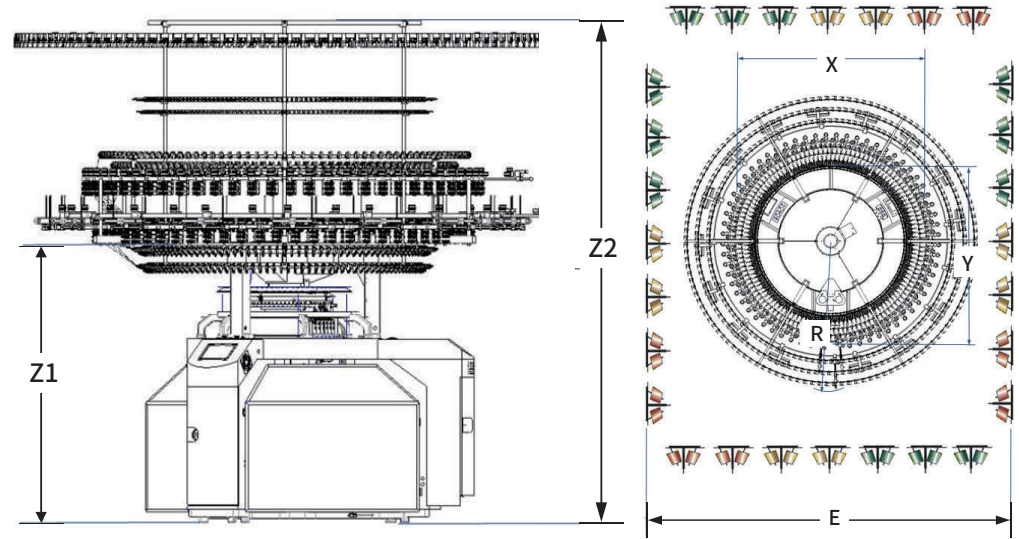


Applications

K Pai Lung K-series
Single Knit



Dimensions 機台外觀尺寸圖



TF	X	Y	R	Z1	Z2	E
31"~34"	2035	2370	2032	2044	3565	6004
35"~40"	2177	2531	2112	2044	3565	6164
41"~46"	2260	2665	1878	2235	3687.3	5696

Feeder No. 口數

Dia	PL-KSCJ/CS3 PL-KSE(P)CJ/CS3	PL-KSCJ/CS4	PL-KSCJ/CS6
26"	60Fx3	42Fx4	34Fx6
28"	60Fx3	46Fx4	36Fx6
30"	72Fx3	48Fx4	42Fx6
32"	72Fx3	52Fx4	44Fx6
34"	72Fx3	54Fx4	48Fx6
36"	84Fx3	56Fx4	50Fx6
38"	84Fx3	60Fx4	52Fx6
40"	84Fx3	64Fx4	56Fx6

Production 產量













NO. 機種	Dia. 直徑	Gauge. 針距	R.P.M. 轉速	Yarn 紗種	Weight 重量 (g/m ²)	Width 幅寬
KSECJ/CS4	34	24	14	COTTON 20/1 Ne POLYESTER 100D/72F SD DTY	201	78
KSECJ/CS4	30	24	19	ACRYLIC POLYESTER 150D/75D	209	68
KSECJ/CS4	30	24	18	ACRYLIC POLYESTER 150D/75D	151	59

Dimensional drawings

- Above specification may be changed without notice.
- Investigating management software does not include factory layout.
- 以上規格配備若有變更，無法先行通知，仍以實體為準。
- 客戶需自行購買配合整廠管理所需之配線。

Basic Configuration

	標準配備	選項配備
 控制介面	<ul style="list-style-type: none"> - 數據顯示控制面板 • 三班制工作計數, 機台轉速, 布量預控設定 • 異常停機原因顯示 • 一般操作及緊急停止按鈕 	<ul style="list-style-type: none"> - 整合式觸控功能液晶螢幕 • 完整提供所有操作狀況及數據顯示 • RS-485 介面可結合監控系統POMS • Decotex 連接埠
 電源	<ul style="list-style-type: none"> - 380V, 50/60 Hz - 3.7Kw/5Hp - 5.5Kw/7.5Hp - 7.3Kw/10Hp - 變頻傳動控制裝置 	<ul style="list-style-type: none"> - 220V, 50/60Hz - 415~460V, 50/60Hz
 捲布裝置	<ul style="list-style-type: none"> - 馬達式捲布機 - 標準捲布直徑 17" - 均衡張力方形撐布架裝置 	<ul style="list-style-type: none"> - 佰龍機械式變速捲布機 - 摺布/捲布兩用捲取機 - 開幅剖布/捲布裝置 - 泳立機械式變速捲布機
 織針及沉降片	<ul style="list-style-type: none"> - 沉降片 - 針筒織針、中間針、提花針 	
 三角配置	<ul style="list-style-type: none"> - 沉降片三角 - 下針筒為提花系統三角配備 	
 儲紗裝置	<ul style="list-style-type: none"> - 變色專用送紗器 	
 機架	<ul style="list-style-type: none"> - 佰龍 K 系列機盤 - 浸油潤滑四鋼線軸承 - 逆時鐘轉向運轉下布 	
 喂紗嘴	<ul style="list-style-type: none"> - 單孔加瓷環 	<ul style="list-style-type: none"> - 氨綸添紗裝置
 噴油機	<ul style="list-style-type: none"> - Uniwave 噴霧式噴油機 	<ul style="list-style-type: none"> - Pulsonic 5.2 脈衝式壓力噴油機 - 佰龍噴霧式噴油機
 紗架	<ul style="list-style-type: none"> - 四面開放式彩條紗架 	<ul style="list-style-type: none"> - D8/D9 組合式 PVC 風管或鋁管落地紗架 - 風扇除絮型風扇紗架 - 密閉式過濾紗架系統
 其他	<ul style="list-style-type: none"> - 壞針或布面破洞自停裝置 - 機架及布面照明裝置 - 上段風扇吹絮裝置 - 壓縮空氣最低需求: 6 bar, 250 l/min 	<ul style="list-style-type: none"> - UNIWAVE 中段噴風除塵設備 - 美名格上段除塵 - 整合式液晶螢幕觸控螢幕可連結以下裝置: • POMS 佰龍線上監控系統
 轉換件		<ul style="list-style-type: none"> - PL-KSCJ/CS3 可以變更為 PL-KSECJ/CS3 單面電子網眼大提花針織機 - PL-KSCJ/CS 可以變更為 PL-KFCJ/CS 單面電子變色三線衛衣大提花針織機

	Standard	Options
 Control	<ul style="list-style-type: none"> - Digital control panel • 3 shift counter, rpm, fabric roll per-set, & working hr. • Stop reason indication. • Emergency & control buttons 	<ul style="list-style-type: none"> - Integrated LCD touch control panel • Full info & control present • Ready for POMS • Ready for Decotex
 Power	<ul style="list-style-type: none"> - 380V, 50/60Hz, - 3.7Kw/5Hp - 5.5Kw/7.5Hp - 7.3Kw/10Hp - Inverter power control 	<ul style="list-style-type: none"> - 220V, 50/60Hz - 415~460V, 50/60Hz
 Take - up	<ul style="list-style-type: none"> - Motor take up system - Cadratex fabric spreader - Standard fabric roll dia" 17" 	<ul style="list-style-type: none"> - Pai Lung mechanical take up system - Folding/rolling take up system - Open width take up system - Yung Leader mechanical take up system
 Needle	<ul style="list-style-type: none"> - Full sets of sinkers - Full set of cylinder needles, middle jack, pattern jack 	
 Camming	<ul style="list-style-type: none"> - Sinker cams - Jacquard selecting cam system in cylinder 	
 Yarn storage	<ul style="list-style-type: none"> - Striper feeding system 	
 Frame	<ul style="list-style-type: none"> - Pai Lung K frame - Oil-bathed wire bearing system - Count clockwise direction 	
 Yarn carries	<ul style="list-style-type: none"> - Striper yarn carrier 	<ul style="list-style-type: none"> - Spandex attachment
 Oiler	<ul style="list-style-type: none"> - Uniwave misty oiler 	<ul style="list-style-type: none"> - Pulsonic 5.2 pressure oiler - Pai Lung misty oiler
 Creels	<ul style="list-style-type: none"> - Striper creel 	<ul style="list-style-type: none"> - D8/D9 type PVC or aluminums tube creels - Overhead creels - Fan creels - Filter creels
 Others	<ul style="list-style-type: none"> - Needle detectors - Lighting on frame & fabrics - Top fans system - Dial height & horizontals level gauges - Min compressed air : 6 bar, 250 l/min 	<ul style="list-style-type: none"> - Uniwave central anti-dust blow system - Memminger top fan system - Integrated LCD control system can be added: • POMS on-line monitoring
 Conversion kit		<ul style="list-style-type: none"> - PL-KSCJ/CS3 can be converted to PL-KSECJ/CS3 3 color striper electronic fishnet full jacquard machine - PL-KSCJ/CS3 can be converted to PL-KFCJ/CS3