

Specifications

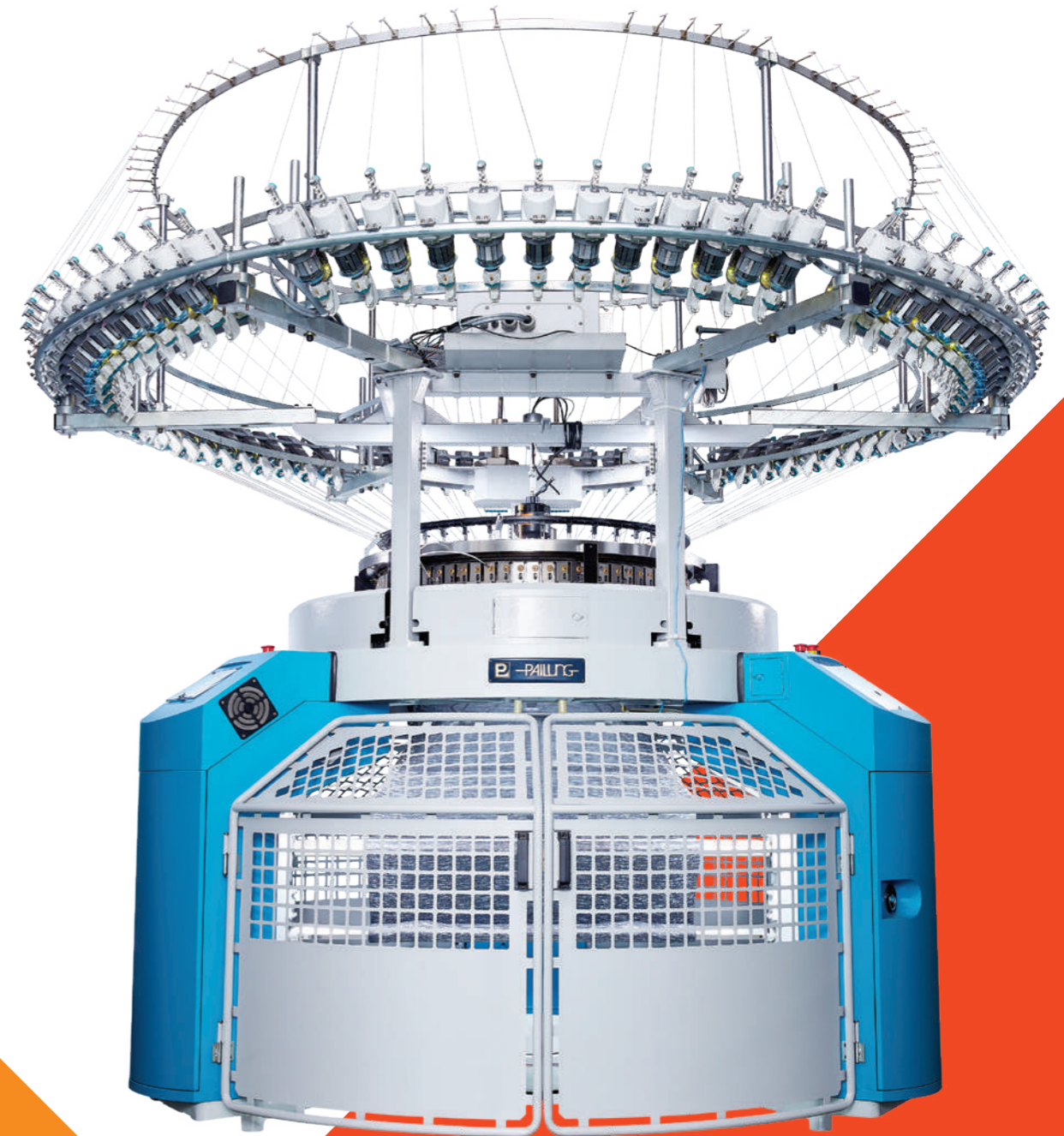
	Standard	Options
Control	<ul style="list-style-type: none"> • Integrated LCD touch control panel • Full info and control present • Ready for POMS with TCP-IP interface • Ready for decotex 	
Power	<ul style="list-style-type: none"> • 380V, 50/60 Hz • 5.5 Kw/7.5 Hp, 7.3 Kw/10 Hp • Inverter power control 	<ul style="list-style-type: none"> • 220 V, 50/60 Hz • 415~460 V, 50/60 Hz
Take-Up	<ul style="list-style-type: none"> • Motor take-up system • Standard fabric roll diameter 17" • Cardratex fabric spreader 	
Needle	<ul style="list-style-type: none"> • Needle, middle jack, and pattern jack in cylinder 	
Jacquard	<ul style="list-style-type: none"> • Ceramic needle selection: 3-technical way in cylinder 	<ul style="list-style-type: none"> • Pandora 2.0 knitting CAD program
Conversion		<ul style="list-style-type: none"> • Cylinders for different gauges • Kits for conversing to KSCJ
Cam	<ul style="list-style-type: none"> • Cylinder jacquard cam 	<ul style="list-style-type: none"> • Spare needle as request
Yarn Storage	<ul style="list-style-type: none"> • Positive feeder MPF-20L1 (amount = feeders x 2 pcs.) 	<ul style="list-style-type: none"> • Positive feeder MPF-20P1/NEO Knit • Other brand feeders as request
Frame	<ul style="list-style-type: none"> • Pailung K frame • Oil-based 4-wire bearing system • Count-clockwise direction 	
Yarn Carrier	<ul style="list-style-type: none"> • Ceramic dual-hole carrier 	
Oiler	<ul style="list-style-type: none"> • Pailung misty oiler 	<ul style="list-style-type: none"> • Pulsonic 5.2 pressure oiler • UNIWAVE misty oiler
Creels	<ul style="list-style-type: none"> • B8/B9 type combi creels 	<ul style="list-style-type: none"> • D8/D9 type PVC or aluminum tube creels • Overhead creels • Anti-dust fan type creels • Close filter type creels
Detector, System, and Others	<ul style="list-style-type: none"> • Needle detection • Light on frame & fabrics • Top fan system • Dial height & horizontal level gauge • Min. compressed air: 6 bar, 250 liter/min. • Individual electronic air-driven yarn-switch system 	<ul style="list-style-type: none"> • Integrated LCD control system • POMS online monitoring system • Decotex yarn length measurement • Memminger upper anti-dust device

PAILUNG

THE FABRIC OF INNOVATION

Knitel™ Circular Knitting Machine

Single Knit Inverse Plating
Electronic Jacquard
Circular Knitting Machine (KSIPCJ)



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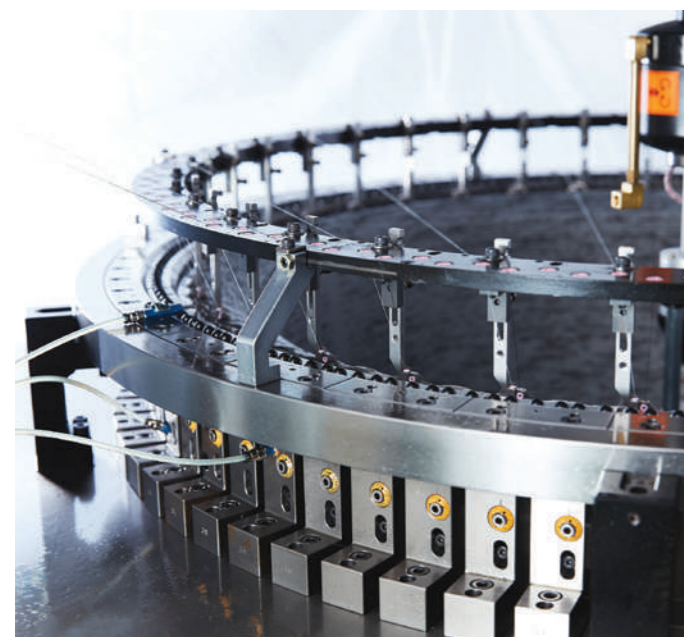
**A New Generation of Jacquard:
Lightweight and Finely Knit**



Vibrant Patterns. Lightweight Fabric.

As more consumers are becoming concerned with fitness, demand for athletic-inspired apparel has skyrocketed. To meet this demand, KSIPCJ knits an ultra-thin and lightweight fabric with excellent breathability and range of motion using a plated knitting technique that looks woven in appearance — making it perfectly suited for use in athletic apparel.

KSIPCJ uses inverse plating technology to knit single jersey, creating vividly brilliant duotone patterns with a smooth, delicate surface — allowing designers ample opportunity to explore their creativity and bring thousands of exquisite design possibilities to life.



Why Choose KSIPCJ

Extremely thin 2-color jacquard

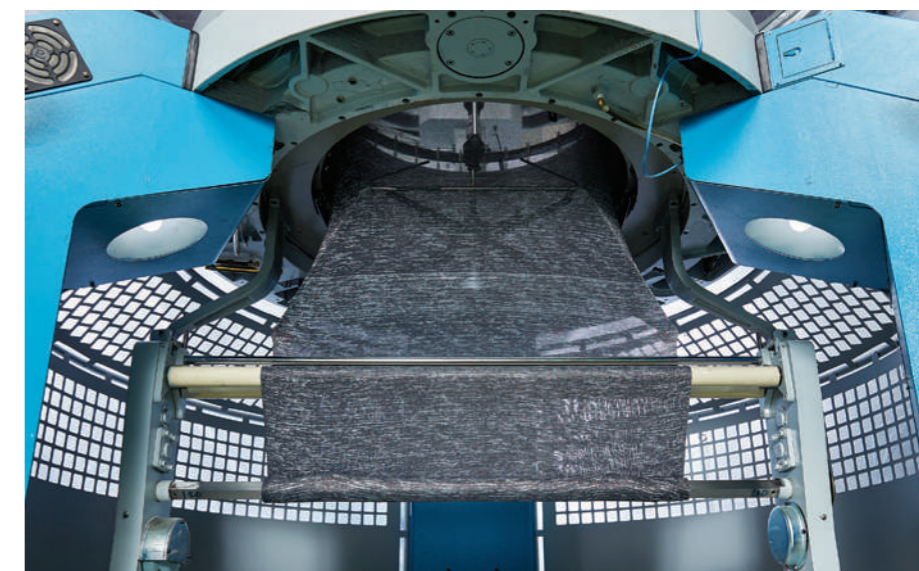
In the past, most single jersey patterns added patterns using printing — a more time-intensive process that can inflict environmental harm. Now, designers can create duotone patterns using a 2-color inverse plating technique, while keeping the fabric thin and lightweight. This not only eliminates unnecessary material costs, but also opens up even more design possibilities.

Soft to the touch

Traditionally, single jersey could only knit patterns into fabrics using jacquard, resulting in floating yarn on the reverse side of the fabric — an unavoidable side effect that is highly irritating to bare skin. In contrast, inverse plating knits fabrics with dual-sided smooth surfaces that brush against bare skin with a pleasant softness.

User-friendly interface

Computer-aided design (CAD) can be unnecessarily complicated to use and set up, sometimes even requiring the help of a professional engineer. However, KSIPCJ uses an optimized user interface, allowing even untrained designers to easily connect the program to the machine and manipulate and design patterns.



Product Range

Gauge	Diameter	Feeder Number
20G-24G	24"-28"	60F-61 seg.
	30"-36"	72F-73 seg.
	38"-40"	84F-85 seg.

* This information is for reference only. Actual results vary based on real scenarios, including materials used and production conditions.

Dimensions

2885(L) x 2280(W) x 2440(H) mm

Net Weight

3870 kg

Productivity

Gauge	Feeders	Speed Factor
24G	72F (72 courses/round)	350~500SF