

Presenting LEADSFON

Circular Knitting Machine

Focus on weaving innovation & create profit for you





Introduction of Enterprise

LEADSFON (XIAMEN) TEXTILE TECH CO.,LTD. (Leadsfon) is located in Xiamen City, producing high-quality world-class circular knitting machines.

As the world-famous Italian brand PILOTELLI' s original design manufacturer (ODM), Leadsfon has been providing core components of knitting machines and jointly developing several models with PILOTELLI since 2002. Over the years PILOTELLI knitting machines are highly recognized by domestic customers and laid the foundation for the global market.

In 2014, Leadsfon acquired PILOTELLI (China) and engaged top European technicians as our consultants and the entire manufacturing process adopts European standards. We grandly launch a high-end brand LEADSFON with high-quality knitting machines and continue to provide professional service to the global market.

Leadsfon has been cooperating with research institutions and domestic universities in the knitting machinery field,

and also, established a High-speed circular knitting machine R&D center with China's knitting industry association.

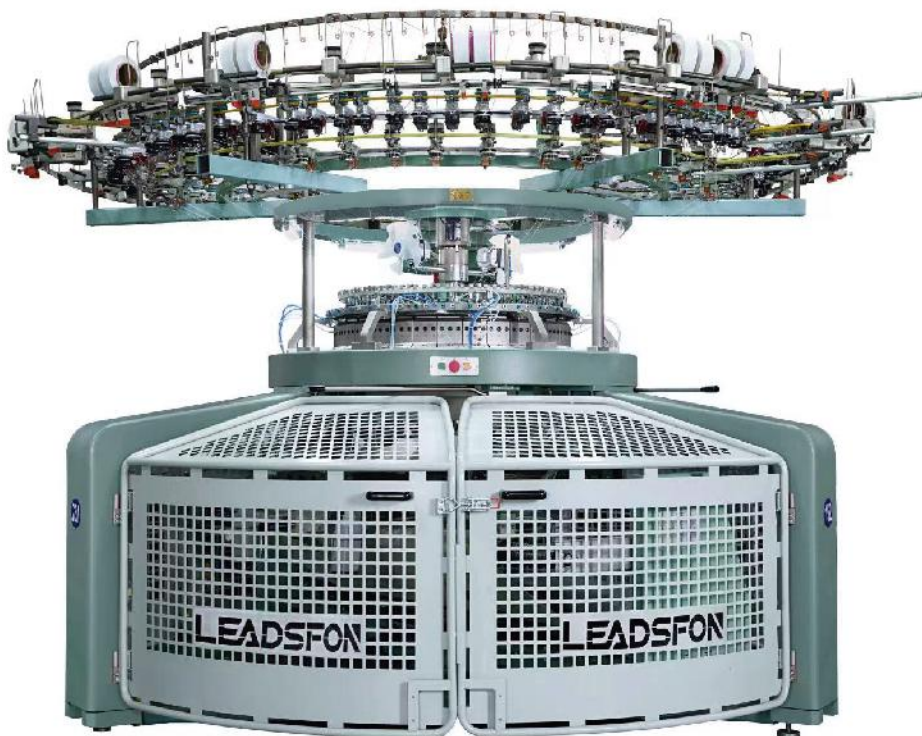
Through years of in-depth study in the knitting industry, Leadsfon has accumulated a wealth of valuable experience in circular knitting design, development, and manufacturing. Based on a strong R & D team building with professional research institutions, the machines have reached the international advanced level in the worldwide knitting industry.

At present, LEADSFON circular knitting machines have occupied India, Brazil Bangladesh, Uzbekistan Indonesia, Vietnam, Thailand, Turkey, Europe, and so on.

The products include the single Jersey machine SJ series, double Jersey machine DJ series, high-tech products Sinkerless Single Jersey-SL3.0 series, etc. Machines can be used for the production of underwear fabrics, jersey, mesh, terry, sportswear, swimwear, and other fabrics with high output, low energy consumption, stable operation, and long life.

SL3.0 Patented **“SINKERLESS”** Single Jersey Machine

In traditional single jersey machines the stitch is constructed with the moving sinkers. In SL3.0 machine the stitch is formed in a stationary point.



Pique Fabric



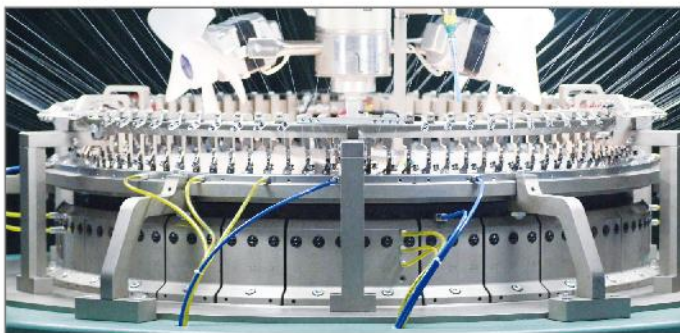
Fleece Fabric



Single Jersey Fabric

FEATURE:

- No more vertical lines.
- No more elastane misplating defects.
- No more fabric peeling.
- Significant reduction of fabric control operation.
- Ideal solution for very fine gauges.
- Ideal solution of the problem of picking up the dropped-off fabric.
- Significant reduction of cleaning and maintenance operations on the knitting textile.
- Large pattern range with up to 4 needles tracks in cylinder cam and a wide gauge spectrum.
- High performance: open width speed factor up to 1140 (35rpm at 32").
- Great energy saving.



TECHNICAL DETAILS:

Type	SL3.0
Diameter [inch]	26" - 42"
No. Of feeders	78F - 126F [3 feeds per inch] (Example: 32" 96F)
Speed factor [max]	1140 (Example : 35rpm at 32")
Gauges [E]	14GG-44GG

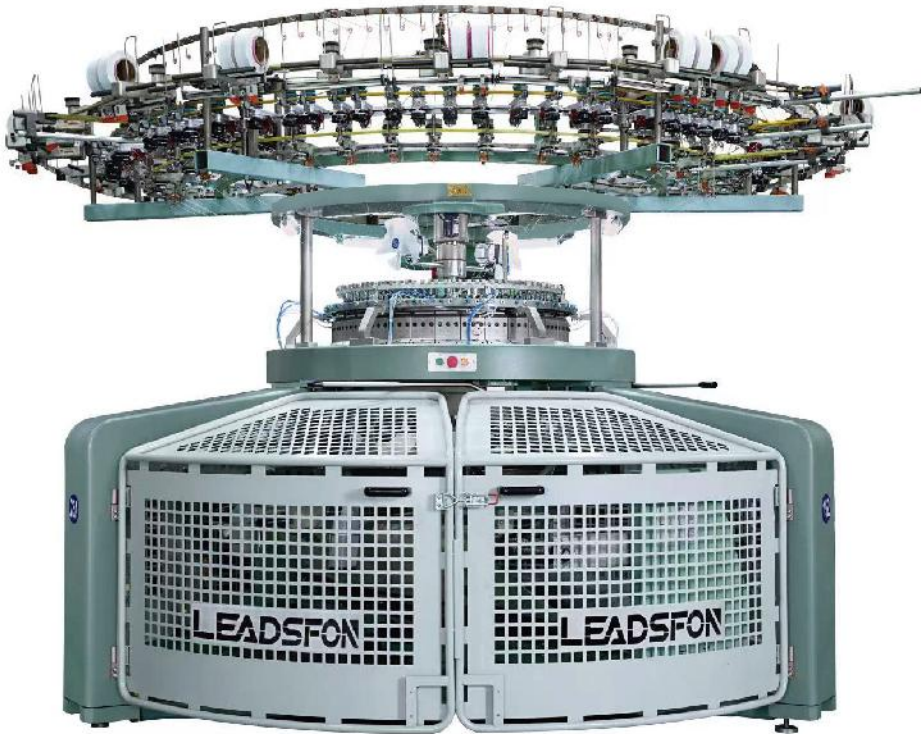
PRODUCTION EXAMPLE:

SL3.0 for 32 inch, open width and 35rpm [Efficiency, 85%]

Structure	Gauges (E)	Yarn	Weight (g/m2)	Production kg/h
Single jersey	28	CottonNm 30/1 Ne	125	30

SJ3.0 Single Jersey Machine *Europe Model*

The best choice of classic single jersey which has been tested by the market



Single jersey Fabric



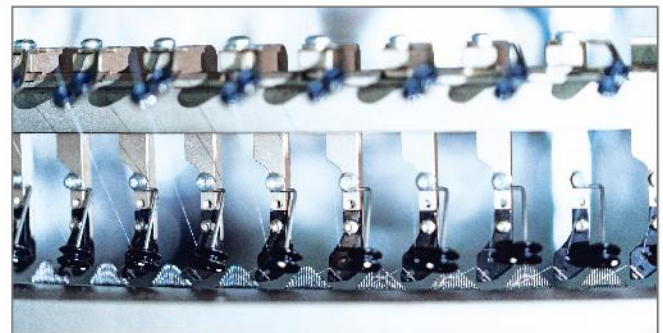
Fleece Fabric



Pique Fabric

FEATURE:

- High performance, open width speed factor up to 960(30rpm at 32").
- Selection of imported Italian gears and transmission.
- Central centralized stitch length adjusting system.
- Distinguished from the four – track steel wire drive conventional equipment, using its own patented dual steel wire runway, reduce friction, smooth operation, greatly enhance the speed.
- Patented take-down system.
- Special steel frame to balance the body during high-speed operation.
- Five Quap pulleys in three groups .
- Large pattern range with up to 4 needles tracks in cylinder cam and a wide gauge spectrum.
- Yarn guide with click-clack system.



TECHNICAL DETAILS:

Type	SJ3.0
Diameter [inch]	26" – 42"
No. Of feeders	78F – 126F [3 feeds per inch] (Example:32" 96F)
Speed factor [max]	960 (Example : 30rpm at 32")
Gauges [E]	14GG- 44GG

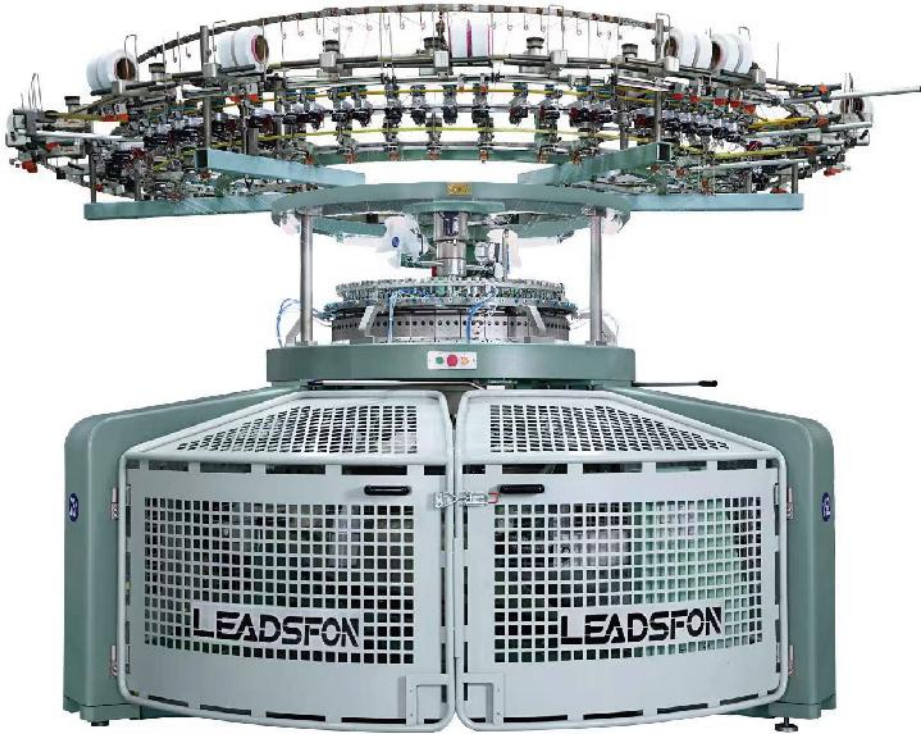
PRODUCTION EXAMPLE:

SJ3.0 for 32 inch, open width and 30rpm [Efficiency, 85%]

Structure	Gauges (E)	Yarn	Weight (g/m2)	Production kg/h
Single jersey	28	CottonNm 30/1 Ne	125	24

ALFA3.0 Single Jersey Machine *Asia Model*

Basic single jersey which has been tested by the market



Single Jersey Fabric



Fleece Fabric



Pique Fabric

FEATURE:

- High performance, open width speed factor up to 850 (26rpm at 32").
- Selection of imported Italian gears and transmission.
- Central centralized stitch length adjusting system.
- Sinker cam box is detachable for easy cleaning.
- Distinguished from the four – track steel wire drive conventional equipment, using its own patented dual

steel wire runway, reduce friction, smooth operation, greatly enhance the speed.

- Patented take-down system.
- Five Quap pulleys in three groups.
- Large pattern range with up to 4 needles tracks in cylinder cam and a wide gauge spectrum.



TECHNICAL DETAILS:

Type	ALFA3.0
Diameter [inch]	26" – 42"
No. Of feeders	78-126F [3 feeds per inch]
Speed factor [max]	850 (Example : 26rpm at 32")
Gauges [E]	10GG -28GG

PRODUCTION EXAMPLE:

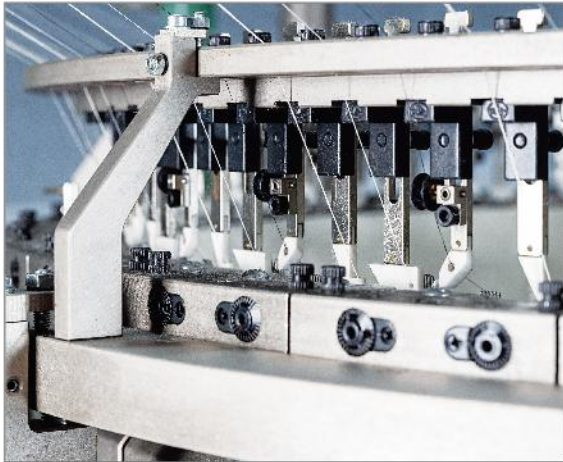
ALFA3.0 for 32 inch, open width and 26 rpm [Efficiency, 85%]

Structure	Gauges (E)	Yarn	Weight (g/m2)	Production kg/h
Single jersey	28	CottonNm 30/1	125	24

SJ3.0F/FACV [Interchangeable] Three Thread Fleece Machine

SJ3.0F: Stitch coil made according to sinker moving. FACV: Stitch coil made according to needles moving.

SJ3.0F



FACV



FEATURE:

- High performance: speed factor up to 750 (25rpm at 30").
- Italian design.
- Excellent interchangeability.
- Higher fabric quality.
- Cost - effective & after-sales service.

SJ3.0F — ALFA3.0 (Asia) [Interchangeable]			
SJ3.0F (Three Thread Fleece Machine)		ALFA3.0 (Single Jersey Machine)	
Diameter [inch]	30" / 32" / 34"	Diameter [inch]	30" / 32" / 34"
No. Of feeders	90 / 96 / 102	No. Of feeders	90 / 96 / 102
Gauges [E]	18GG - 24GG	Gauges [E]	10GG - 28GG
Speed factor	750 (25rpm at 30")	Speed factor	850 (28rpm at 30")
Available for single jersey by replacing cammes, sinker ring, sinkers and yarn guides			

FACV — SJ3.0 (Europ) [Interchangeable]			
FACV (Three Thread Fleece Machine)		SJ3.0 (Single Jersey Machine)	
Diameter [inch]	30" / 32" / 34"	Diameter [inch]	30" / 32" / 34"
No. Of feeders	90 / 96 / 102	No. Of feeders	90 / 96 / 102
Gauges [E]	16GG - 24GG	Gauges [E]	14GG - 44GG
Speed factor	750 (25rpm at 30")	Speed factor	960 (32rpm at 30")
Available for single jersey by replacing cammes, sinker ring, sinkers, needles, yarn guides and yarn guide ring			

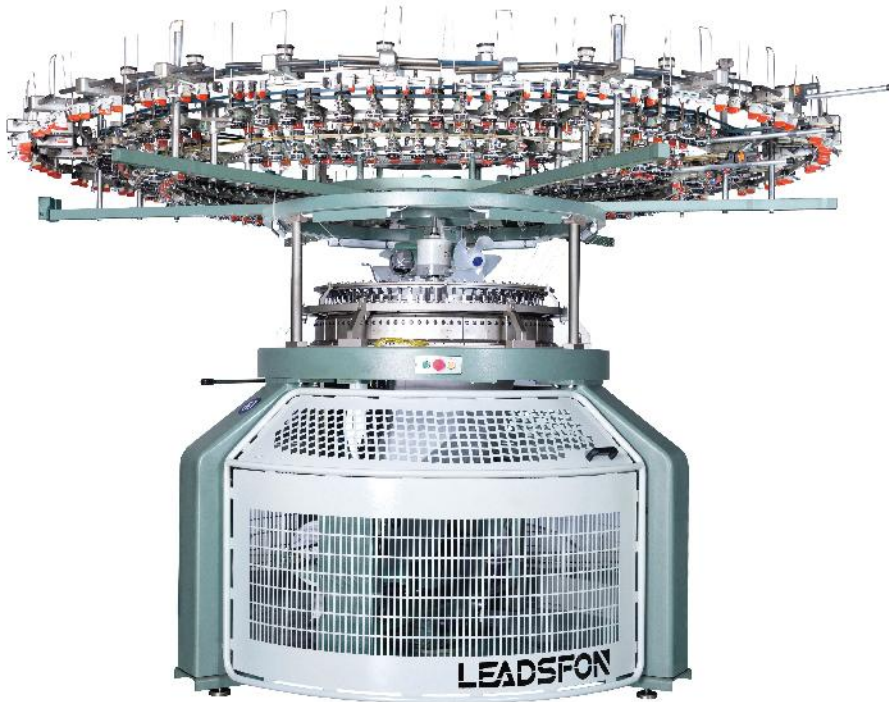
PRODUCTION EXAMPLE:

SJ3.0F for 30 inch, open width and 25rpm [Efficiency, 85%]

Structure	Gauges (E)	Yarn	Weight (g/m2)	Production kg/h
3 yarn fleece	20	CottonNm 30/1 Ne CottonNm 30/1 Ne CottonNm 30/1 Ne	260	28

JSP Terry Machine

Available for regular plating and reverse-plating ONLY by changing sinker cammes



Terry Fabric



Terry Fabric



Terry Fabric

FEATURE:

- High performance: speed factor up to 780 (26rpm at 30").
- Wide range of different sinker heights.
- Available for regular plating and reverse-plating ONLY by changing sinker cammes.
- Selection of imported Italian gears and transmission.
- Central centralized stitch length adjusting system.
- Distinguished from the four – track steel wire drive conventional equipment,using its own patented dual steel wire runway , reduce friction , smooth operation , greatly enhance the speed.
- Five QUAP pulleys in three groups.
- Large pattern range with up to 3 needles tracks in cylinder cam and a wide gauge spectrum.



TECHNICAL DETAILS:

Type	JSP
Diameter [inch]	30" 32" 34"
No. Of feeders	30" 45F , 32" 46F, 34" 50F
Speed factor [max]	780 (Example : 26rpm at 30")
Gauges [E]	14GG – 24GG

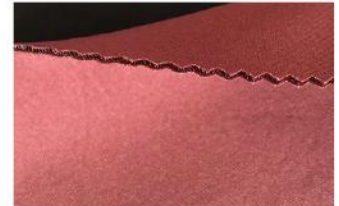
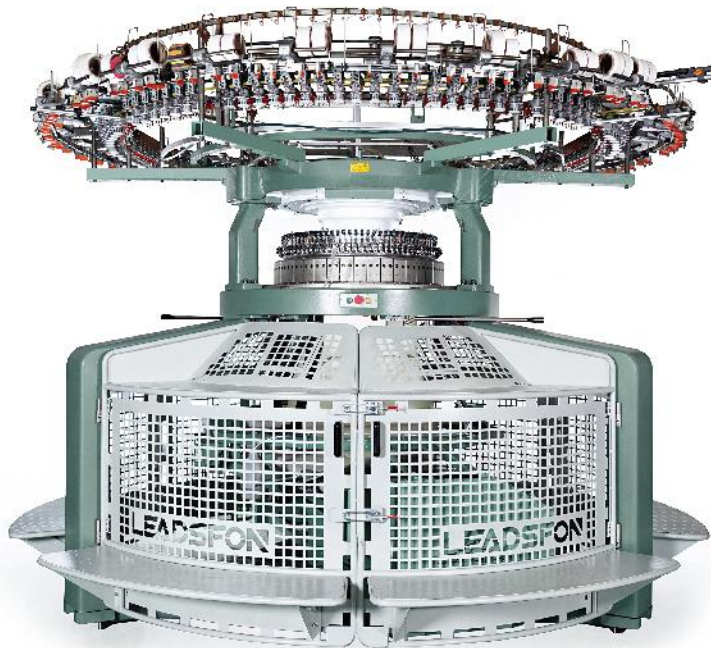
PRODUCTION EXAMPLE:

JSP for 30 inch, 26rpm [Efficiency, 85%]

Structure	Gauges (E)	Yarn	Weight (g/m2)	Production kg/h
Terry	22	CottonNm 30/1 Ne Polyester 75 D	280	23

DJI3.2 Double Jersey Machine *Europe Model*

High Productive, 3.2 feeder per inch, miss cam fixed on cam box, single key adjusting, flatter fabric



Double face & Sandwich Fabric



Rib Fabric



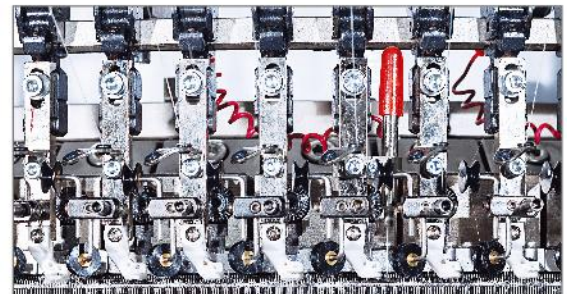
Interlock Fabric

FEATURE:

- High performance, open width speed factor up to 850 (25rpm at 34").
- Single adjusting key per feeder.
- Three shafts transmission system, improve the reliability and durability of the transmission system, enhance the stability of the machine and high speed dynamic accuracy of the machine.
- The yarn guide ring can be adjusted as a whole, and the yarn guide can be adjusted separately.
- The unique big structure ensures the absolute

engagement of the gears, and keeps the equipment stable and efficient.

- Unique yarn feeding aluminum disc anti-slip setting, avoid parallel lines.
- Independent patented take-down system.
- Large pattern range with up to 4 needles tracks in cylinder cam and a wide gauge fabric.
- Different frame types available for different production requirement.



TECHNICAL DETAILS:

Type	DJI 3.2
Diameter [inch]	30" - 40"
No. Of feeders	98F - 128F [3.2 feeds per inch]
Speed factor [max]	850 (Example : 25rpm at 34")
Gauges [E]	14GG - 44GG

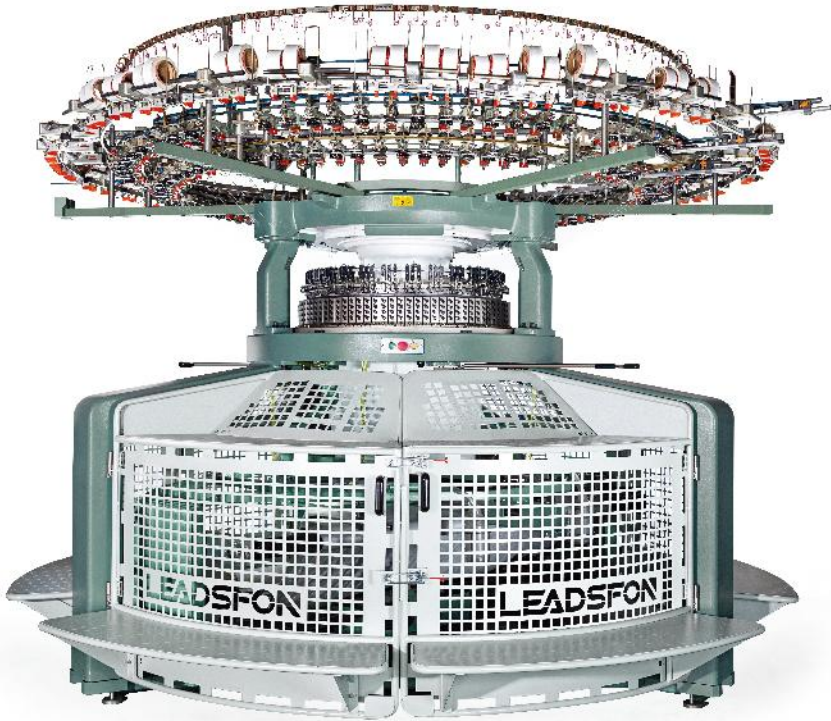
PRODUCTION EXAMPLE:

DJI3.2 108F for 34inch, open width and 25rpm [Efficiency, 85%]

Structure	Gauges (E)	Yarn	Weight (g/m2)	Production kg/h
Interlock	24	Poluester 150/72/1 DEN	250	20

DJC 2.0 / 2.4 Double Jersey Machine *Asia Model*

Comprehensive update frame and transmission system, more suitable for operation, easier replacement for different kind of fabric, high productive and high stability



Double face & Sandwich Fabric



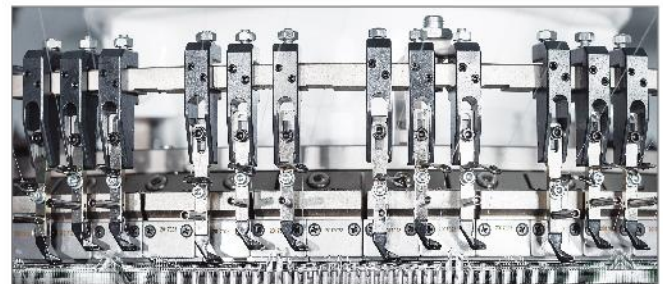
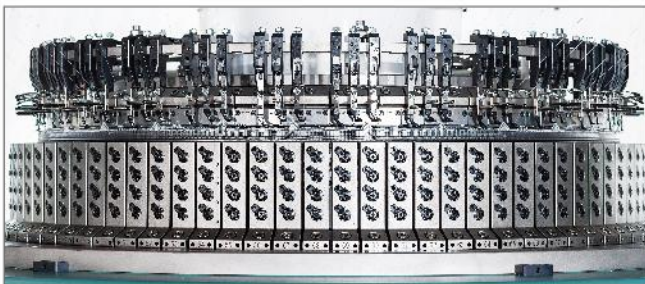
Rib Fabric



Interlock Fabric

FEATURE:

- High performance, open width speed factor up to 850(25rpm at 34").
- Dial two & Cylinder four track adjusting keys per feeder.
- The yard guide ring can be adjusted as a whole, and the yard guide can be adjusted separately.
- The unique upper bed ensures the absolute engagement of the gears, and keeps the equipment stable and efficient.
- Unique QUAP pulley anti-slip setting, avoid parallel lines.
- Independent patented take-down system.
- Large pattern range with up to 4 needles tracks in cylinder cam and a wide gauge spectrum.
- Different frame types available for different production requirement.



TECHNICAL DETAILS:

Type	DJC 2.0 / 2.4
Diameter [inch]	30" - 40"
No. Of feeders	60F - 98F [2.0/2.4 feeds per inch] Example: 34" DJC 2.0 at 72F, 34" DJC 2.4 at 84F
Speed factor [max]	850 (Example : 25rpm at 34")
Gauges [E]	14GG - 44GG

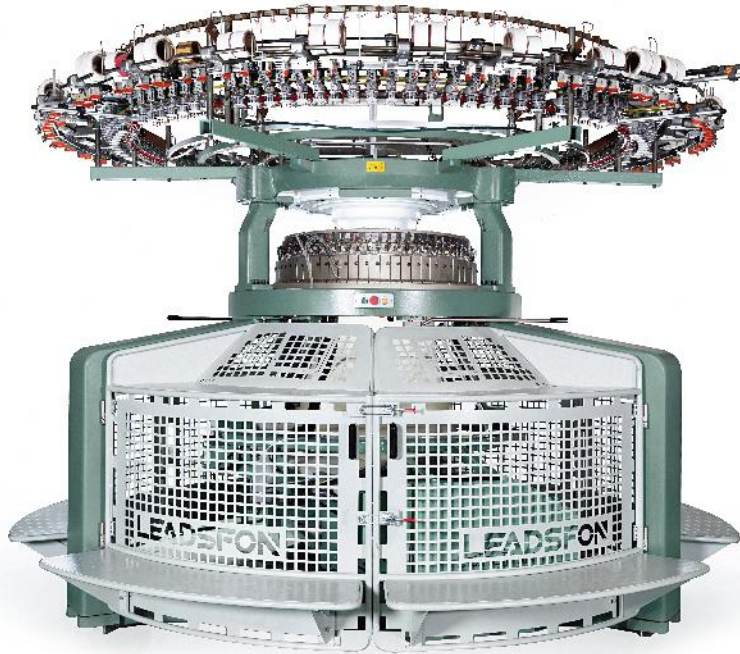
PRODUCTION EXAMPLE:

DJC for 34 inch , open width and 25rpm [Efficiency,85%]

Structure	Gauges (E)	Yarn	Weight (g/m2)	Production kg/h
RIB	20	Cotton 30/1 Ne	160	25

DJR 1.8 RIB Double Jersey Machine

DJR rib unique design, fixed yarn guide feeding angle, easy operate with high performance



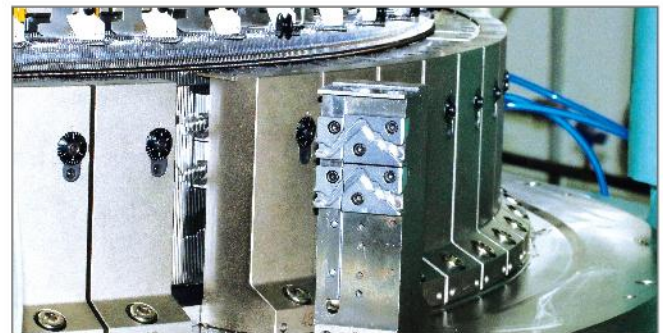
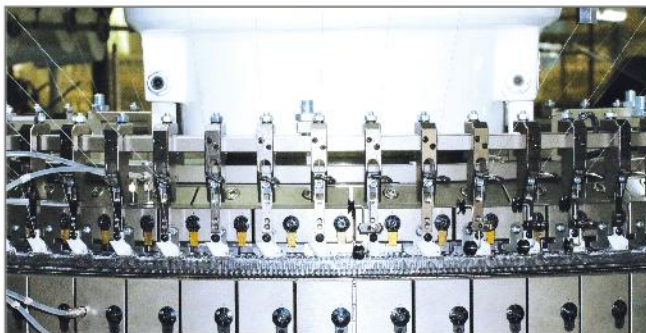
Rib Fabric



Interlock Fabric

FEATURE:

- High performance, open width speed factor up to 918 (27rpm at 34").
- Single adjusting key per feeder.
- DJR rib unique design, easier adjusting textile system, relatively fixed knitting point and yarn guide feeding angle, can be independently adjusted knitting point, saving operate work.
- The yard guide ring can be adjusted as a whole, and the yard guide can be adjusted separately.
- The unique big structure ensures the absolute engagement of the gears, and keeps the equipment stable and efficient.
- Unique yarn feeding aluminum disc anti-slip setting, avoid parallel lines.
- Patented take-down system.
- Large pattern range with up to 4 needles tracks in cylinder cam and a wide gauge fabric.
- Different frame types available for different production requirement.



TECHNICAL DETAILS:

Type	DJR 1.8
Diameter [inch]	30" - 40"
No. Of feeders	56F - 72F [1.8 feeds per inch] (Example : 34" 60F)
Speed factor [max]	918 (Example : 27rpm at 34" 60F)
Gauges [E]	14GG - 28GG

PRODUCTION EXAMPLE:

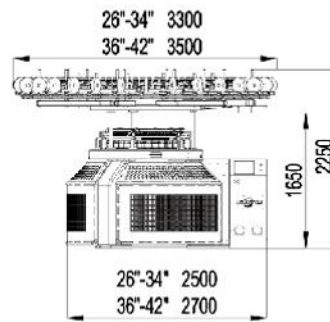
DJR for 34inch, open width and 27rpm [Efficiency, 85%]

Structure	Gauges (E)	Yarn	Weight (g/m2)	Production kg/h
RIB	20	Cotton 30/1 Ne	160	20

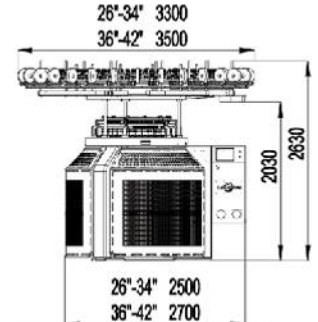
Technical Specification

Single Jersey Machine Available Frames (Unit: mm)

Tubular frame	
Standard tubular frame	Industrial tubular frame (+380mm)
Frame for 550 mm fabric rolls	Frame for 680mm fabric rolls

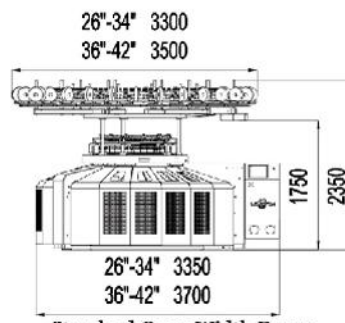


Standard Tubular Frame

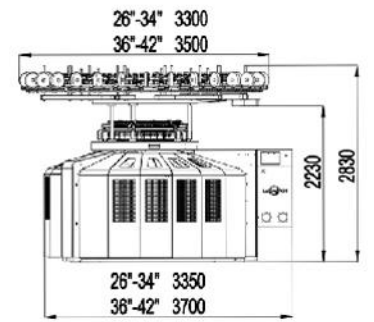


Industrial Tubular Frame (380MM)

Open width frame	
Standard open width frame	Industrial open width frame door with stair (+330mm)
Frame for 330mm fabric rolls	Frame for 680mm fabric rolls



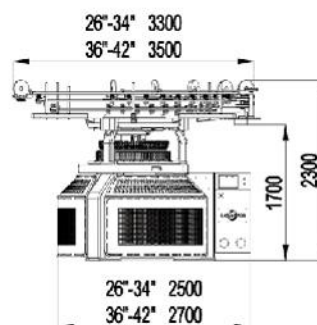
Standard Open Width Frame



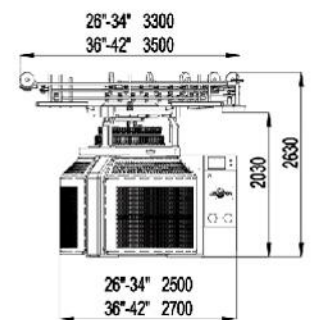
Industrial Open Width Frame (330MM)

Double Jersey Machine Available Frames (Unit: mm)

Tubular frame	
Standard tubular frame	Industrial tubular frame (+330mm)
Frame for 550 mm fabric rolls	Frame for 680mm fabric rolls

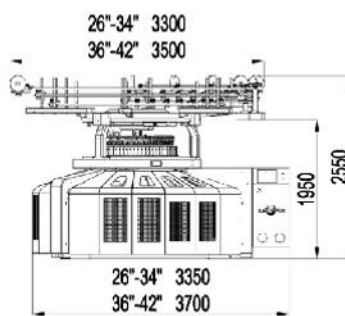


Standard Tubular Frame

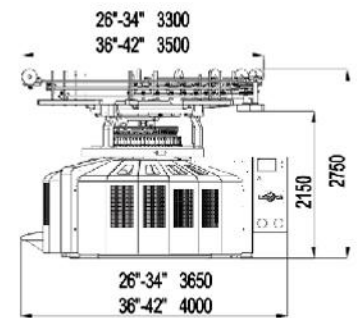


Industrial Tubular Frame (330MM)

Open width frame	
Standard open width frame	Industrial open width frame door with stair (+200mm)
Frame for 330mm fabric rolls	Frame for 680mm fabric rolls

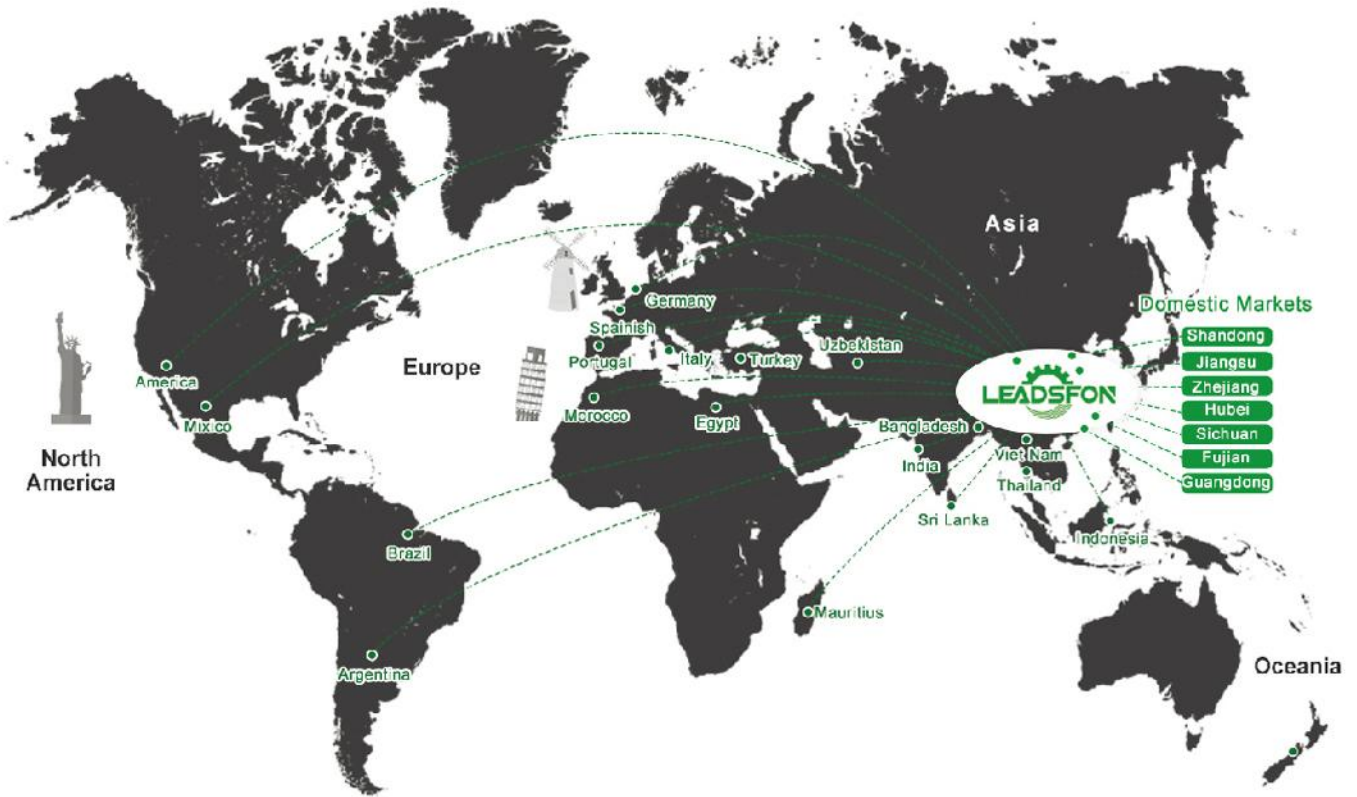


Standard Open Width Frame



Industrial Open Width Frame (200MM)

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Company Website



Company Website