



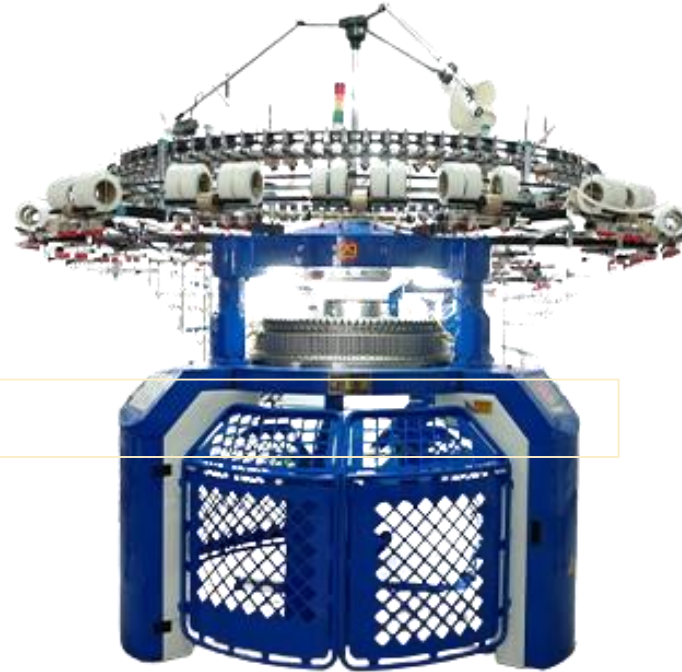
ANHUI GLEADER INTELLIGENT TECHNOLOGY CO. LTD.,  
安徽格莱德智能科技有限公司



# Textile Knitting Machine

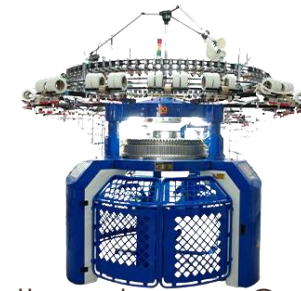
Machinery & Machinery Parts

# Overview



Textile Knitting Machine

# Textile Knitting Machine



- It adopts four-track cam design of closed type with Draw-down cam, Tuck cam, Floating threads cam. Central total lift can easily and quickly adjust the weight of fabric; mouth feeding yarn with specially design makes the increase of spandex with facility. Use humanization design, additional feed yarn intermediate ring is easy observation and wearing yarn of operator, instead of touching the operator's head of yarn; at the same time, making yarn delivery more fluid and smooth, to meet the requirements for high-speed weaving of machine. Sophisticate structural design makes needle cylinder more convenient to replace, through different triangular arrangements, a variety of tissue fabrics can be produced, such as: mercerized cotton, polyester cover cotton, striped fabric, scouring pads, single and double lacoste mesh fabric, elastic couth, scale loop +spandex, cotton spandex single jersey, etc. Products are used to vest, T-shirt, sportswear, aerobic suit, and swimming suit.
- One machine has lots of functions, and single-surface machine can be converted into sweater machine or towel machine just by changing key parts;
- Single jersey horizontal knitting frame was first made in 1589 by William Lee. Single jersey machine can only produce plain. Plain is the simplest type of structure practiced since the inception of knitting technology. It can be done in hand knitting as well as machine knitting (flat and circular). Although stockings, gloves and caps were the main uses of plain hand-knitted structures in the past, now it has wide application in the manufacture of inner and outer garments.

# Specification

- Diameter : 8"-68"
- Gauge : 15G -44G
- Feeder : 24F -408F
- Speed : 16-30r/min
- Power : 2HP -11.5HP
- **Premium Quality Lycra can be made (For Spandex Manufacturing)**
- With our special design of the feeding yarn carrier, Lycra can be made as soft, elastic, flexible and more proficient than ever.
- Featuring an ergonomic design, the additional middle feeding yarn transfer ring makes it easy for personnel to monitor and carry yarn, without the machine touching the operator's body; at the same time, the yarn carrying system is freer and steadier, satisfying the demand of machine operating and knitting at high speeds.
- **Flexible for Knitting Varying Fabrics and Multi-functional Models**
- This conventional single jersey circular knitting machine can perform multi-purpose functions by just replacing the heart parts. Easy conversion into 3-thread-fleece and terry machine and other machines can be performed.

# Details

There are many types of circular knitting machine that produce long lengths of tubular fabric manufactured for specific end uses. Single jersey machines are equipped with a single 'cylinder' of needles that produces plain fabrics, about 30 inches in diameter. Wool production on single jersey machines tends to be limited to 20 gauge or coarser, as these gauges can use two-fold wool yarns. The cylinder system of single jersey machines is demonstrated in Fig. 7.1. Another inherent feature of woollen single jersey fabrics is that the fabric edges tend to curl inwards. This is not a problem whilst the fabric is in tubular form but once cut open can create difficulties if the fabric is not finished correctly. Terry loop machines are the basis for fleece fabrics that are produced by knitting two yarns into the same stitch, one ground yarn and one loop yarn. These protruding loops are then brushed or raised during finishing, creating a fleece fabric. Sliver knitting machines are single jersey machines that have been adapted to trap a sliver of staple fibre into the knit structure.

Condition: New	Product Type: fabric	Type: Circular	Production Capacity: 250-750kg
Place of Origin: Fujian China (Mainland)	Brand Name: Gleader (circular knitting machine)	Model Number: GM-DF4 (circular knitting machine)	Power(W): 5.5kw (circular knitting machine)
Knitting Style: knitted	Knitting Method: Single	Computerized: No	Weight: 2.5TON
Dimension(L*W*H): 2.35*2.28*2.28M	After-sales Service Provided: Engineers available to service machinery overseas	speed: 0-30RPM	Certificate: CE
machine type: single jersey	turn way: anticlockwise	fabric function: sports garment	



## SINGLE JERSEY OPEN WIDTH CIRCULAR KNITTING MACHINE

- The Open-Width Single Knitting Machine is developed on the basis of a single-surface machine and fabric machine, which has the characteristics of the single-surface machine and crease-free for the cloth of the fabric machine  
The new generation of knitting machine is developed by the company combining with knitting principle, ergonomics, and aesthetic viewpoint.  
The Open-Width Single Knitting Machine uses three-dimensional computer-aided design (CAD) and computer-aided analysis (CAE) for gear static analysis and transmission simulation, to reduce defects of gear design and manufacturing so that the machine runs more smoothly, the performance is more excellent, and weaving cloth is more professional and sophisticated.  
Important components use advanced processing center for manufacturing, to improve the precision and accuracy of parts, some precise positioning is used between parts in the heart. Major structural parts use advanced surface treatment craft, which greatly improves the surface quality, hardness, and corrosion preventive level.  
In brief, beautiful and novel appearance, high performance, stable running, easy operation, and people-oriented are the main feature of our series

# Specification

- The Open Width Circular knitting machine is fabricated based on the single jersey tubular knitting machine which enables the fabric to completely result in a crease-free, smooth texture. Fabric density, size and thickness can be easily adjusted with this type of configuration and thus can prolong the life of the needles and equipment.
- Scale marks are found around its circumference which maintains the distance between fabric ends. This reliably ensures that the machine operates inch by inch and maintains accuracy.
- Diameter:12"-38"  
Gauge :16G -44G  
Feeder:42F -114F  
Speed:17-20r/min  
Power:7.5 -11.5KW

# Textile

## Details

Condition: New	Product Type: fabric	Type: Circular	Production Capacity: 250-750kg
Place of Origin: Fujian China (Mainland)	Brand Name: Gleader (circular knitting machine)	Model Number: GL-DF4 (circular knitting machine)	Power(W): 5.5kw (circular knitting machine)
Knitting Style: knitted	Knitting Method: Single	Computerized: No	Weight: 2.5TON
Dimension(L*W*H): 2.35*2.28*2.28M	After-sales Service Provided: Engineers available to service machinery overseas	speed: 0-30RPM	Certificate: CE
machine type: single jersey	turn way: anticlockwise	fabric function: sports garment	



## DOUBLE JERSEY OPEN WIDTH KNITTING MACHINE



Gleader High Speed Open-Width Double Knitting Machine is developed on the basis of Double machine and possesses the characteristics of the double machine. Gray Fabric can be cut without crease and wastage.

The upper and lower cam of this machine is a closed track and wide needle heel design, with Drawdown cam \* Tuck cam. Floating threads cam, able to simply weave and make cam changes, it can weave tissue cloth with different styles and high quality, such as elastic health cloth ( polyester health cloth ), twill, air layer, interlayer pads, bubble cloth, double mesh, mercerized cotton and a variety of color textures. The fabric of senior men's and women's fashion such as elastic double-surface cloth can be weaved equipped with a spandex OP device. Human design enables needle cylinders and needle plates to be more simple and quick, to adapt to the changing market demands.

Combining the characteristics of double jersey and crease-free for cloths from knitting machines. High fabric output, equipped with a large diameter cylinder and high-speed motor; automatic cutting system to ensure unnecessary fabric loss.

## Specification With Details

Double jersey machines have two sets of needles; one on dial and as well as on cylinder. There are no sinkers in double jersey machines.

This double arrangement of needles allows the fabric to be manufactured which is twice as thick as the single jersey fabric, known as double jersey fabric

Diameter 24"-42"

Gauge 15G-40G

Feeder 60F-102F

Speed 16-30r/min

Power 5.5HP

Condition: New	Product Type: fabric	Type: Circular	Production Capacity: 250-750kg
Place of Origin: Fujian China (Mainland)	Brand Name: Gleader (circular knitting machine)	Model Number: HM-DF4 (circular knitting machine)	Power(W): 5.5kw (circular knitting machine)
Knitting Style: knitted	Knitting Method: Double	Computerized: No	Weight: 2.5TON
Dimension(L*W*H): 2.35*2.28*2.28M	After-sales Service Provided: Engineers available to service machinery overseas	speed: 0-30RPM	Certificate: CE
machine type: double jersey	turn way: anticlockwise	fabric function: sports garment	

## HIGH SPEED RIB KNITTING MACHINE

The machine is suitable for long and short fabric, rib fabric, and jacquard fabric, and yarn socket can be independently with spandex device to weave elastic double fabric 2+4 distance.

The machine can weave complex fabric with changed texture and lower material high-class clothing.

Diameter	6"-44"
Gauge	12G-24G
Feeder	42F-84F
Speed	16-24r/min
Power	5.5HP

Condition: New	Product Type: fabric	Type: Circular	Production Capacity: 250-750kg
Place of Origin: Fujian China (Mainland)	Brand Name: Gleader (circular knitting machine)	Model Number: GL-DF4 (circular knitting machine)	Power (W): 5.5kw (circular knitting machine)
Knitting Style: knitted	Knitting Method: Double	Computerized: No	Weight: 2.5TON
Dimension (L*W*H): 2.35*2.28*2.28M	After-sales Service Provided: Engineers available to service machinery overseas	speed: 0-30RPM	Certificate: CE
machine type: double rib	turn way: anticlockwise	fabric function: sports garment	



## DOUBLE JERSEY AUTO-STRIPER CIRCULAR KNITTING MACHINE (FOUR/SIX COLORS)

1. The machine has a simple and stable structure with a change color device with small volume, reaching maximum productivity of many colors and change.
2. It adopts center adjustment equipment. and it can adjust the gram force simply and accurately
3. It adopts the four-track cam with a special design and it can produce many types of single color-striped fabrics.
4. It adopts an internationally advanced Japanese WAC computer control system and Japanese Matsuzaki line changing mechanism. It is with off memory function and storage function. Through high-tech man-machine interface LCD touch screen, it can change and cover the interior procedures conveniently, changing the width color of striped fabric.
5. It can add a spandex device and knit any types of the high-end flexible color cloth strip
6. It can knit striped terry and free striped velvet fabric with towel interchanger parts and it can change conveniently and quickly.

Diameter:30"-38"  
Gauge:18G-28G  
Feeder:42F-72F  
Speed:17-20r/min  
Power:7.5HP



Condition: New	Product Type: fabric	Type: Circular	Production Capacity: 250-750kg
Place of Origin: Fujian China (Mainland)	Brand Name: Gleader (circular knitting machine)	Model Number: HM-DF4 (circular knitting machine)	Power(W): 5.5kw (circular knitting machine)
Knitting Style: knitted	Knitting Method: Double	Computerized: Yes	Weight: 2.5TON
Dimension(L*W*H): 2.35*2.28*2.28 M	After-sales Service Provided: Engineers available to service machinery overseas	speed: 0-30RPM	Certificate: CE
machine type: double jacquard	turn way: anticlockwise	fabric function: sports garment	

## DOUBLE JERSEY JACQUARD (UTOPIAN) CIRCULAR KNITTING MACHINE



The functioning of the Computerized Jacquard Transfer Rib Knitting Machine combines Computerized Jacquard technology with Transfer Rib weaving. Various jacquard patterns can be easily produced and modified on this machine, allowing the users to keep up to speed with fashion trends. Sintelli's advanced computerized system ensures faster pattern color-changing.

### Area of application

- Sport- and leisurewear
- Technical textiles
- Home Textiles

### Stitch structure

- Elastane plating
- Elektronic-Jacquard
- Eyelet stitch pattern

### Knitting technique

- Elektronic-Jacquard

Condition: New	Product Type: fabric	Type: Circular	Production Capacity: 250-750kg	<b>Diameter</b>	30"-38"
Place of Origin: Fujian China (Mainland)	Brand Name: Gleader (circular knitting machine)	Model Number: GL-DF4 (circular knitting machine)	Power(W): 5.5kw (circular knitting machine)	<b>Gauge</b>	12G-24G
Knitting Style: knitted	Knitting Method: Double	Computerized: Yes	Weight: 2.5TON	<b>Feeder</b>	54F-84F
Dimension(L*W*H): 2.35*2.28*2.28M	After-sales Service Provided: Engineers available to service machinery overseas	speed: 0-30RPM	Certificate: CE	<b>Speed</b>	12-18r/min
machine type: Double jacquard	turn way: anticlockwise	fabric function: sports garment		<b>Power</b>	5.5HP
				<b>Equipment</b>	Groz-beckert NEEDLES; Tatung Motor; Plz mail me for further info
				<b>Color</b>	Blue/Grey/According to your requirement
				<b>Packing</b>	Wooden Cartoon
				<b>Gross Weight</b>	2.8t
				<b>Net Weight</b>	2.5t
				<b>Q'ty/20GP/40GP</b>	3sets/20GP, 6sets/40GP
				<b>Lead time</b>	45days after getting deposit
				<b>Loading port</b>	Xiamen Port
				<b>Payment terms</b>	T/T,L/C at sight
				<b>MOQ</b>	1set

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Forever*