

Circular Knitting Machines

Quality is produced not controlled!



About Us

Who we are



About Us

Santeks Tekstil Makineleri İth. İhr. Ltd. Şti. started its business in 2003 with the principle “providing world standard products to its customers producing/providing the state of the art/modern technology textile machinery” has become a company elaborating the principle of highest customer satisfaction which provides the best technical services to all textile manufacturers in Turkey from the smallest to the biggest.

Santeks Textile Machinery, which opened its first overseas office in Uzbekistan / Tashkent in 2008, exports to many countries, especially Uzbekistan. It has acquired Boosan brand in 2017. Our efforts to respond the demands from North Africa is going on with our offices opened in Algeria in 2018 and Tunisia in 2019. Since the day it was founded, our company has drawn many textile machinery projects and has established a production line and has become a reliable brand in the countries where it operates.

It continues its operations with the motto “**Quality is produced not controlled!**”.

Our Brands

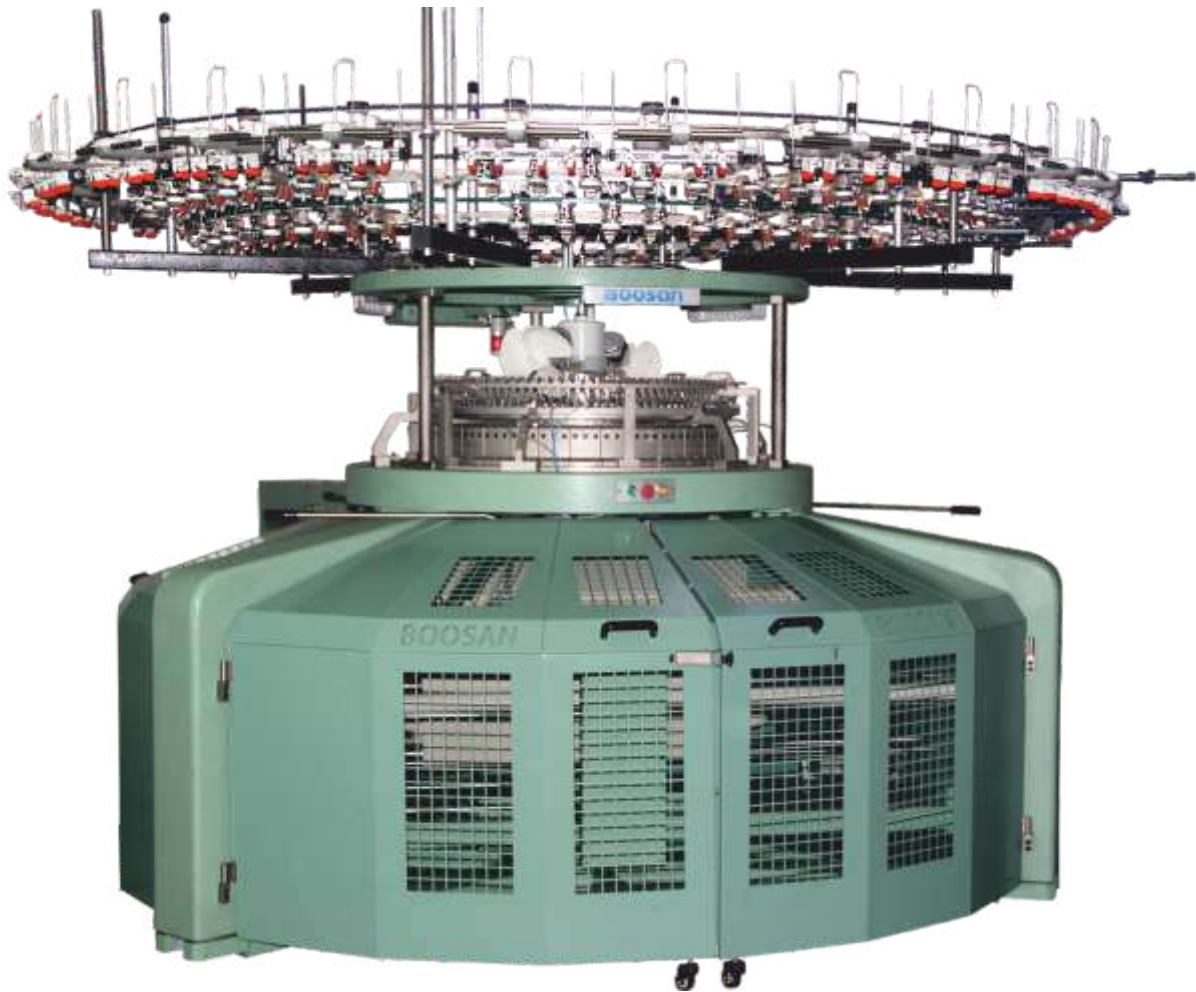


Our Certificates





SINGLE JERSEY FABRIC KNIT MACHINE (Open Width – Four Tracks) PLT3



Diameter.....:	26" inch	28" inch	30" inch	32" inch	34" inch
Guage	14 ~ 40	14 ~ 40	14 ~ 40	14 ~ 40	14 ~ 40
Feeder	78	84	90	96	102
Speed	35 rpm	35 rpm	35 rpm	28 rpm	28 rpm

The fabric take-down works with only mechanical movements. There are no electrical or electronic parts that can be damaged by dirt or humidity.

It has motorized rubber bars (Black) that allow to achieve a low fabric tention.

The fabric obtained with this take-down has double the height compared to the one, obtained with the same tubular machine, with the same characteristics of weight, both in the middle and on the sides of the fabric roll.

The unroll of the side of the fabric is guaranteed by tuneable, (both in the power and direction), air streams.

The opening of the fabric is guaranteed by high efficiency ceramic blade, that does not loose its sharpness in time.

Possibility to use the machine in tubular mode with a simple and quick action on the take-down.



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Cylinder	Mounted on an oil immered bearing ring, to guarantee the necessary prescision in long time work.
Needles	Groz-Beckert
Sinkers	Kern Liebers
Closed track cylinder cams	±0.5 mm standard excursion for high velocity (without unwanted spikes). The Ø 30" inch machine can normally work with Lycra at 30 / 35 rpm.
Cam boxes	Cast iron for better quality, dimensional stability, vibration abetment, guarantees efficiency over the years and it does not deform or squeeze in the solicited areas.
Stitch length.....	Adjustable on each feed with a high precision micrometric register.
Plate carrying sectors	Operator friendly centralized adjustment of the stitch length (without blocking screws of the system). High precision (1/100) comparator for the movement control.
Yarn feeder	<p>The machine is equipped with Zirconium feeders. The black color is ideal for optimal yarn visibility. Zirconium guarantees a long lifetime before being damaged by yarn rubbing.</p> <p>The feeder is with three holes for a separate yarn control.</p> <p>Allows the production of an excellent quality plated jersey (Vanisé)</p> <p>Allows the production with there different yarn contemporary.</p> <p>Allows the production of there thread plated jersey (Trivanisé).</p>
Sinkers ring	The profile of the sinker's cams is optimized to allow production of plated jersey with Lycra and high speed working angles. The sinker ring and the relative cams work suspended over the cylinder, which they never contact avoiding dangerous friction.
Cylinder	<p>Built using the most advanced and precide technologies. The needle housing are formed by tempered steels sticks with high hardness, fluency and mounted with micrometric precision.</p> <p>The sinkers housing are obtained with micrometric precision in tempered steel rings with high hardness and fluency to guarantee a long lifetime.</p>

Ergonomics

The project of the machine has been realized keeping in the highest consideration the needs of the operator.

- Ease of accesss to the needles and yarn feeders.
- High visibility of the needle, sinker shape and the area of the knitting formation.
- Ease of access to all the adjustments.
- Limited feeder ring height from the ground.
- Step layout of the feeder rings.
- Continuous electronic speed adjustment.

Centralized stitch length adjusting system.

Positive storage feeder adjustment from the exterior.

All the non green painted parts of the machine are treated in a special way with "Opaque Chemical Nickel Plating" which guarantees no oxidation.



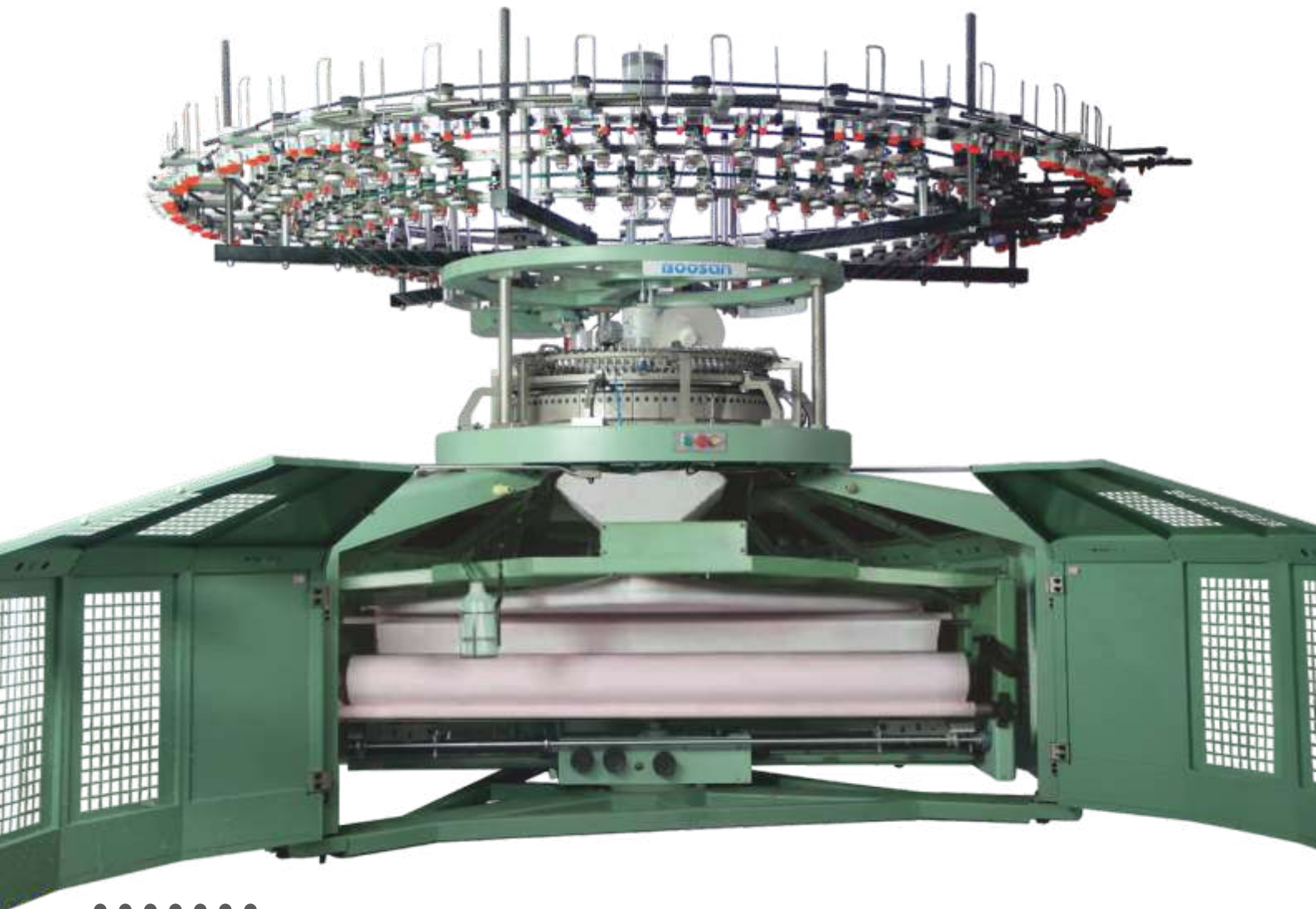
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Standard Equipment

- Navigator Memminger Iro control device
- Electronic speed control device
- Positive storage feeders
- Yarn creel with aluminium tubes
- Automatic lubrication
- Centralized stitch length adjusting system
- One shift rev. counter
- Self cleaning system
- Automatic cleaning device at the end of each roll
- Air distributor
- Scanner
- Three thread plated yarn guides (Trivanisê)
- Two closed cam tracks, suitable for the production of Jersey Fleece ad pique

Optionals

- High legs frame (Roll diam, up to 75 cm)
- Footboard for high legs frame.
- Lycra feeding system.
- Cam for four tracks.
- Self threading yarn creel.



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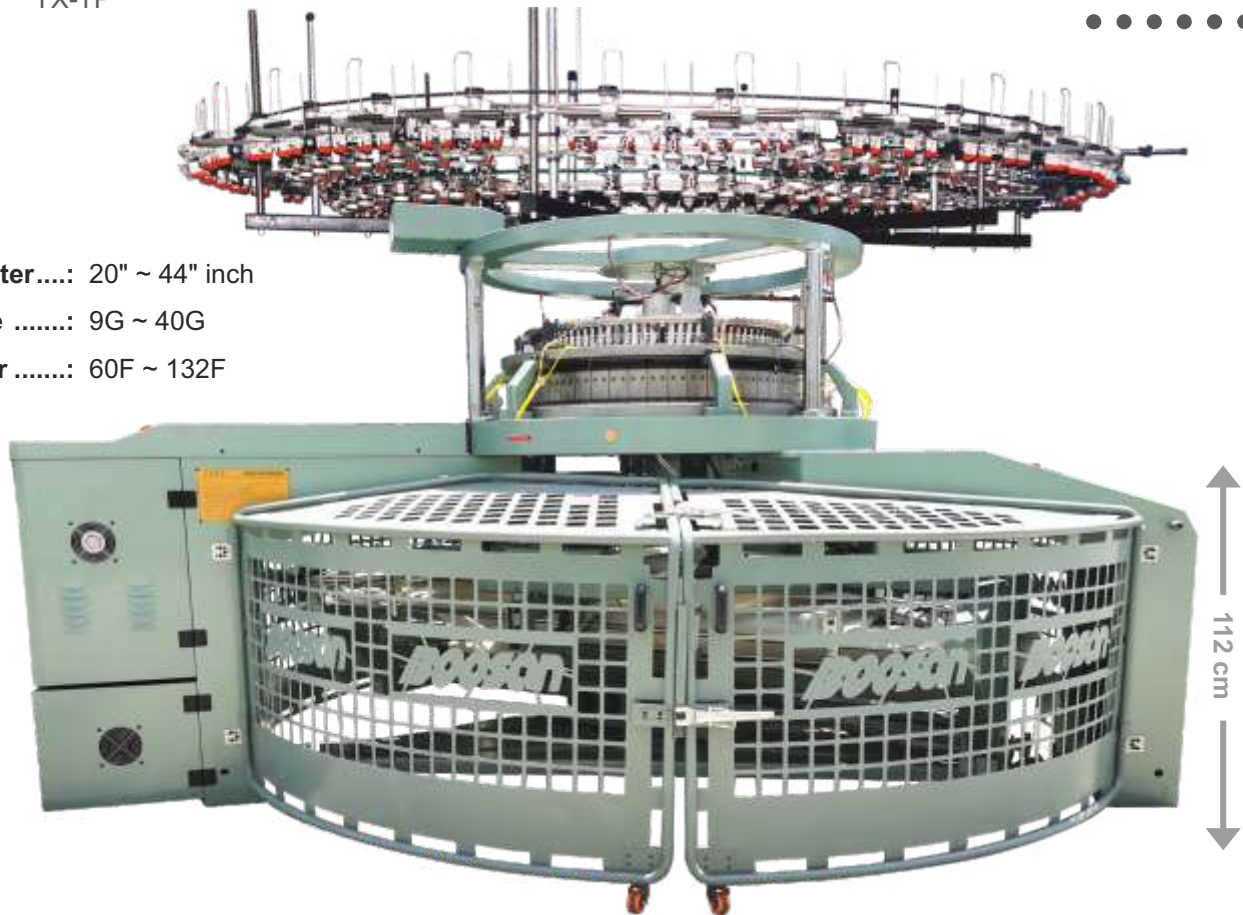
YX-TP



Diameter.....: 20" ~ 44" inch

Guage 9G ~ 40G

Feeder 60F ~ 132F



Sinkers and sinker cams are made of special alloy steel, an ideal knitting machine running at stable activity to get the production as well as perfect output of faultless fabrics.

Most of the parts and accessories are manufactured by CNC so the precision and accuracy can be greatly improved. The accessories of the heart are precisely allocated.

The material of cam is made by special imported heating disposal and designed by CNC processing center and cad/cam to ensure the needles going smoothly, in order to adapt various materials and knitting craft.

It designs to enable the cloth completely not to have any crease that make the cloth can be used completely and did not waste in order to reduce the cost and enhance the profit.

To make the fabric's density evenly and stably, easy control, save time and be efficient, the drum speed transfer device is designed.



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HIGH SPEED DOUBLE JERSEY KNITTING MACHINE

YX-HD, YX-HR



Model: YH-HD, YX-HR

Diameter: 10" ~ 42" inch

Guage: 9G ~ 40G

Feeder.....: 16F, 84F

Usable materials.....: Artifical wool, blend, cotton, silk, synthetic fiber.

Top and bottom gears adopt oil-soaking to reduce abrassion and noise, them improve their precision and life.

Adopting new designed frame of the machine, dial cam box base and sleeve have simultaneous displacement so that it becomes exacter and simpler to adjust the needle tolerance and clearance between top and bottom.

Multifunctional machine, equipped with cams of 2 tracks in dia and 4 tracks in cylinder. Just by changing the professional arrangement of cams, it would change the double structure and meet the changing market.

In addition to single size series, we also produce twin-size series.

One diameter machine can be changed into another diameter machine. E.g. 34" x 73F can be interchanged with 30" x 64F this function is available for single jersey or double jersey machines.



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HIGH SPEED THREE-THREAD FLEECE KNITTING MACHINE

YX-SF



Model: YH-SF

Diameter: 26" ~ 40" inch

Guage: 12G ~ 22G

Feeder.....: 78F, 120F

Usable materials.....: Artifical wool, blend, cotton, silk, synthetic fiber.

Special cam system design makes the machine enable to knit different fabric by different type yarn (cotton fleece, cotton polyester fleece, elastic fleece).

By changing some parts, the machine could be changed into single jersey, operate easily.

Newest frame design makes the machine run more stably.



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HIGH SPEED SINGLE JERSEY KNITTING MACHINE

YX-HS3F, YX-HS4F, YX-HS6F



Model	YH-HS3F	YX-HS4F	YX-HS6F
Diameter	9" ~ 44" inch	9" ~ 44" inch	20" ~ 44" inch
Guage	9G ~ 40G	9G ~ 40G	9G ~ 40G
Feeder.....	27F ~ 132F	38F ~ 132F	54F ~ 132F

Usable materials Artifical wool, blend, cotton, silk, synthetic fiber.

Special cam system design makes the machine enable to knit different fabric by different type yarn (cotton fleece, cotton polyester fleece, elastic fleece).

By changing some parts, the machine could be changed into single jersey, operate easily.

Newest frame design makes the machine run more stably.



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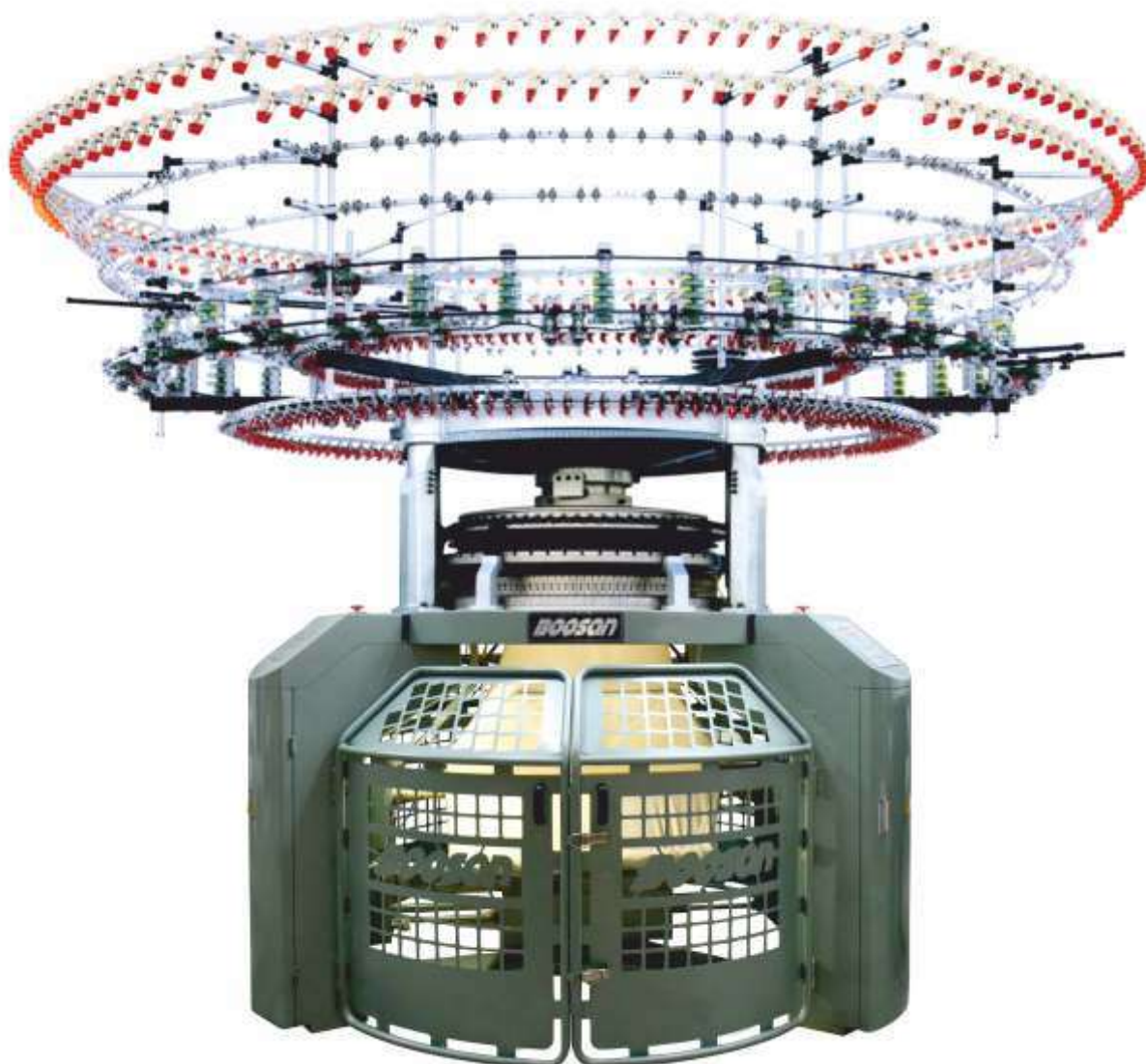


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COMPUTERIZED 6(4) COLORS AUTO STRIPPER KNITTING MACHINE

YX-HS-C6, YX-HS-C4, YX-HD-C6, YX-HD-C4



Model	YH-HS-C6	YH-HS-C4	YH-HD-C6	YH-HD-C4
Diameter	30" ~ 38" inch	30" ~ 38" inch	30" ~ 38" inch	30" ~ 38" inch
Guage	18G ~ 28G	18G ~ 28G	18G ~ 28G	18G ~ 28G
Feeder	48F ~ 60F	48F ~ 60F	48F ~ 60F	48F ~ 60F

Usable materials

Artificial wool, blend, cotton, silk, synthetic fiber.

The structure of the machine is simple and stable with small auto-stripper device, which could bring very good quality and high production.

New type designed center system has tight construction and stably going up and down, which makes the fabric weight adjusted precisely and simple.

The machine adopts advanced computerized system with user friendly operation interface. All the patterns can be save in USB disk and read by computer.

Lycra yarn feeders can be equipped to design all the various elastic color strip fabric.

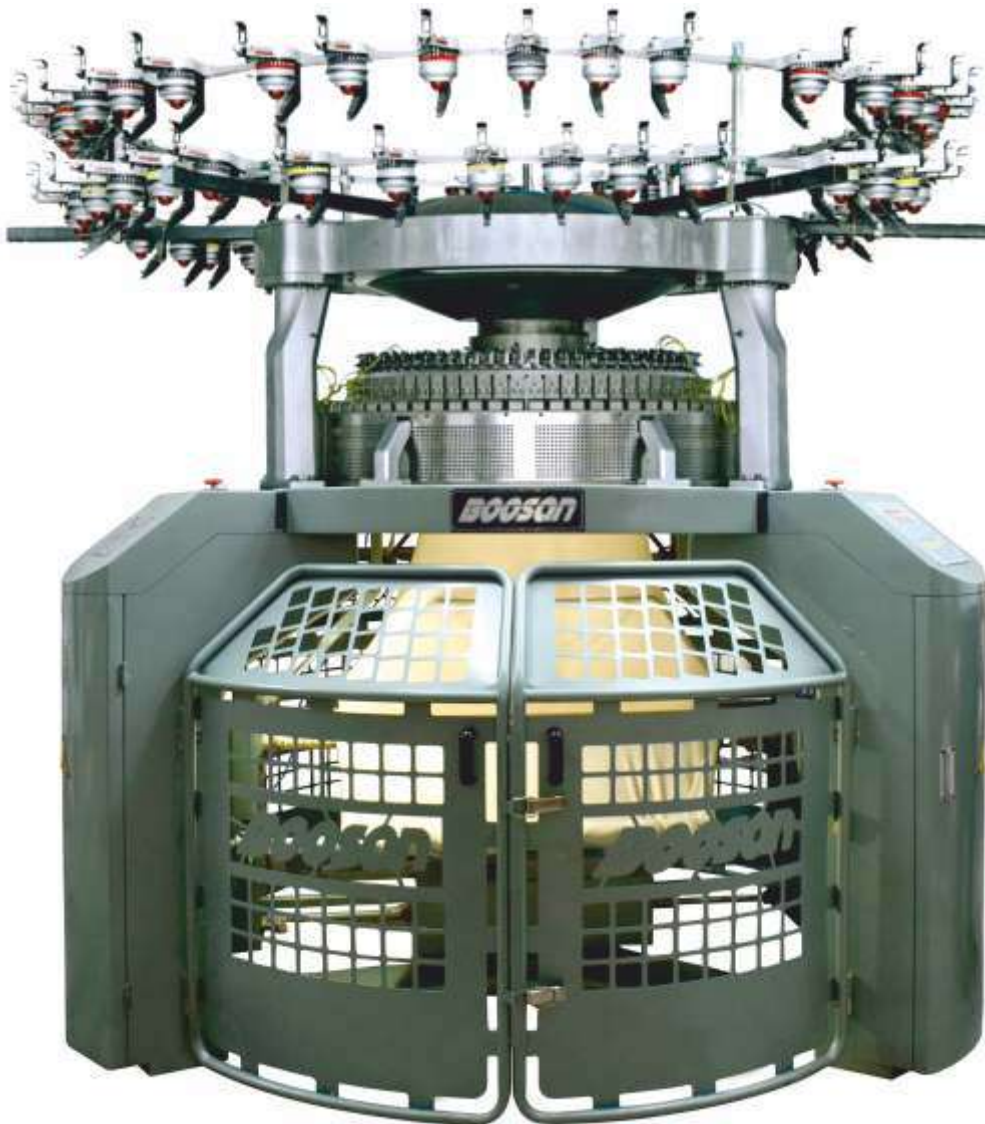


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HIGH SPEED COMPUTERIZED ELECTRONIC JACQUARD MACHINE

YX-HS-CJ



Model: YH-HS-CJ

Diameter: 30" ~ 38" inch

Gauge: 18G ~ 28G

Feeder.....: 42F ~ 72F

Usable materials.....: Artifical wool, blend, cotton, silk, synthetic fiber.

The machine adopts the computerized actuator to select needles on the needle cylinder. The computerized discretionary knitting device will make three steps needle-selectiong of knit, tuck and miss. Any complicated structure and design of art & craft can be switched to the special control instructions by the computerized pattern preparatory system, then saved in USB disk, then inputted into control system, which can weave jacquard for various designs, saving time to change pattern designs.

Adopt advanced computerized actuator with good quality and high technology, so that the machine is more stable and has simple operation and easy maintenance.

Professional designed cam system with few broken needles and high speed.



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HIGH SPEED SMALL DIAMETER CIRCULAR KNITTING MACHINE

YX-HS-MN, YX-HD-MN



Model	YH-HS-MN	YH-HD-MN
Diameter	9" ~ 24" inch	8" ~ 24" inch
Guage	18G ~ 32G	16G ~ 32G
Feeder	27F ~ 72F	8F ~ 48F
Usable materials	Artificial wool, blend, cotton, silk, synthetic fiber.	

The frame of machine combines the knitting principle with human engineering. The outline is pretty and it's firm and reliable. It adopts good cast iron, long natural timing effect and artificial timing effect, which prevents the parts from deforming.

Special driving system makes the machine run more stably. Main plate and gear of main plate adopt oil-soaking and impoterd high-class lubricating oil so that the running noise is small and driving gear is durable. All cams and cam box are made of imported Japan alloy steel, engraved and abraded by CNC processing center, which makes the needle track smooth and the needle would be fluent and durable when the machine runs at high speed.

New type designed center system has tight construction and stably going up and down, which makes the fabric weight adjusted precisely and simply.

Lycra device is available for the machine to produce all kinds of shirts, t-shirts, underwear, swimming wears etc.

In addition to single size series, we also produce twin-size series.

One diameter machine can be changed into another diameter machine. E.g. 34" x 73F can be interchanged width 30" x 64F. This function is available for single jersey or double jersey machines.



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HIGH SPEED SINGLE TERRY (LOOP PILE) KNITTING MACHINE

YX-ST



Model: YX-ST

Diameter: 30" ~ 38" inch

Guage: 18G ~ 26.5G

Feeder.....: 48F ~ 76F

Usable materials.....: Artifical wool, blend, cotton, silk, synthetic fiber.

Special cam curve design of machine, can satisfied the market fabric changeful requirement.

Our machine can produce cotton, polyester, yarn of ramie, flax, lycra, synthetic, different mixed yarn fabric.

Special sinker design, make the fabric design more clear, loop lenght more smooth.



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