

Assignment

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23/01/2023 (1)

1 Difference between tricot and raschel warp knitting machine.

Tricot	Raschel
1. In the past, bearded needle was used but now a dogs compound needle used	1. Raschel m/c latch needle together with a wire on blade.
2. M/c gauge expressed in needle per inch.	2. M/c gauge expressed in needle / 2 inch.
3. Chain link numbering 0, 1, 2, 3, ... etc.	3. Chain link numbered in even numbers 0, 2, 4, ... etc.
4. Function of sinker is holding down, knocking and supporting the fabric.	4. Sinker performs the function of holding down the loops whilst the needle rise.
5. The fabric is drawn away towards the batching roller almost at right angles to the needle bar.	5. The fabric is drawn downwards from the needles almost parallel to the bar at an angle of 120° - 160° .

201-23-5788

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6. The warp beams are accommodated in a inclined towards the back of the m/c there the top.

6. The warp beams are arranged above the needle bar centered over the rock or shaft.

7. The warp sheets pass over the top of the guide bar rock or shaft to their tension.

7. The warp sheets pass down the guide bar.

8. Mechanical attention is carried out at the front of the m/c.

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9. The guide bars are numbered from the back towards the front of the m/c.

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10. High speed production

10. Low speed production

2. Difference between flat bed and circular knitting machine.

flat bed knitting m/c	circular knitting m/c
1. flat knit is made with a m/c that knits the fabric in sheet on flat.	1. Circular is made with a machine that knits the fabric in a continuous circular.
2. flat knit fabric has a gauge of 2-10.	2. Circular knit fabric has a gauge of 12-22.
3. flat knit machine used latch needle.	3. Circular knit m/c used bearded needle.
4. In flat knitting machine needles are fixed on a straight plate.	4. In circular knit ^d . m/c needles are fixed on a cylinder or dial in a circular shape.
5. Low speed production	5. High speed production
6. This m/c is used to knit, T-shirt, sock.	6. This m/c is used to knit circular, arm, band and sweaters.
7. The operation and supervision of the m/c is simple	7. The operation and supervision of the machine is hard.