

# Features of Single Needle Lock Stitch Machine

Single needle lock stitch machine is called a plain needle sewing machine. Single needle lock stitch machine is mostly used as an industrial sewing machine. Modern single needle lockstitch has a thread trimmer which operates at the highest speed of its kind. Lockstitch machine is the most commonly used sewing machine in the apparel industry, especially in woven garments. Here in this article, I am going to share Features of Single Needle Lock Stitch Machine with you for a clear understanding of single needle lock stitch sewing machine.

## Types of Lock stitch Sewing Machine

There are two types of **lock stitch sewing machine** used in a garments factory.

1. Single needle lockstitch machine
2. Double(two) needle lockstitch machine

### Single Needle Lock Stitch Machine

Single needle lock stitch machine is stitch by one needle of a machine by lock stitch.

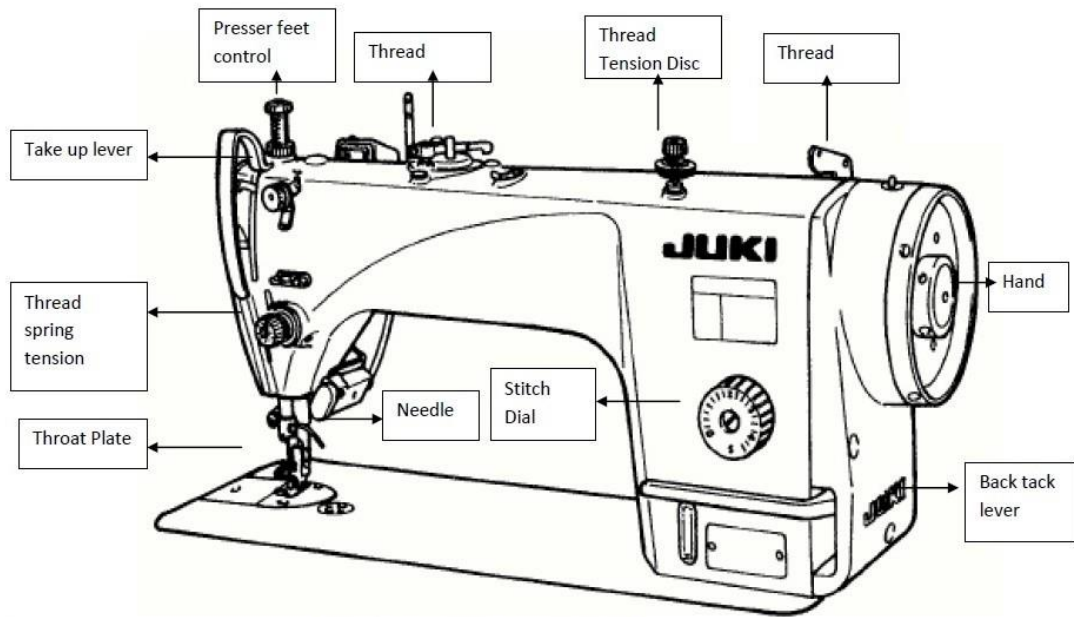
### Double Needle Lock Stitch Machine

Double-needle /twin/two needle is a needle with a single shank and two shafts, proceed stitching with the double stitching you will get two parallel rows on the face of the fabric and a zig-zag stitch on the back of the fabric.

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## Parts of Single Needle Lock Stitch Sewing Machine

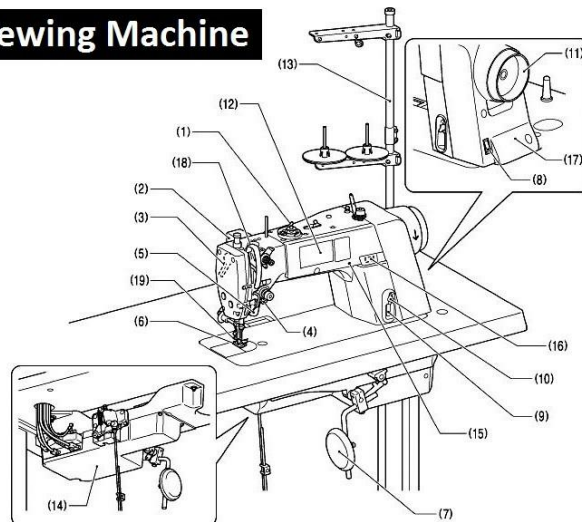


**SINGLE NEEDLE LOCK STC**

## **Different Parts of Single Needle Lock Stitch Sewing Machine**

1. Bobbin Winder
2. Thread wiper device
3. Lifting lever
4. Hand swatch A
5. Hand swatch B
6. Work Clamp
7. Knee lifter plate
8. Power stitch
9. Oil gauge window
10. Oil feeding pocket
11. Machine pulley
12. Operation panel
13. Cotton stand
14. Control box
15. Power indicator
16. USB port
17. Pulley cover
18. The thread takes up cover
19. Finger guard

## Parts of Sewing Machine



## Features of Single Needle Lock Stitch Machine

1. Two thread need for a machine, one for needle and another one for bobbin
2. Needle thread set in the upper side of fabric and bobbin thread set in the lower side of the fabric in stitch
3. Stitching type only lock stitch
4. Machine speed is 4000-5000 RPM
5. 1 needle in every machine
6. Edge cutting, automatic bobbin winding
7. Less noise, low vibration, no radiation, and environment-friendly
8. SPI generally 7-9
9. Sewing Shirts, Jackets, Suits, Over-coats, Bed covers, Curtains, Children's clothes, Bags, Leather, Wool, Chemical fiber and Canvas.

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## Technical Specifications of Lock Stitch Machine

1. Basic Machine Practice (Loop Exercise)
2. Technical Specification
3. Installation of needle
4. Needle bar Height adjustment
5. Hook Set Timing
6. Feed Dog adjustment and alignment
7. Feed Dog Eccentric cam Adjustment

8. Pressure foot to the Pressure adjustment

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