

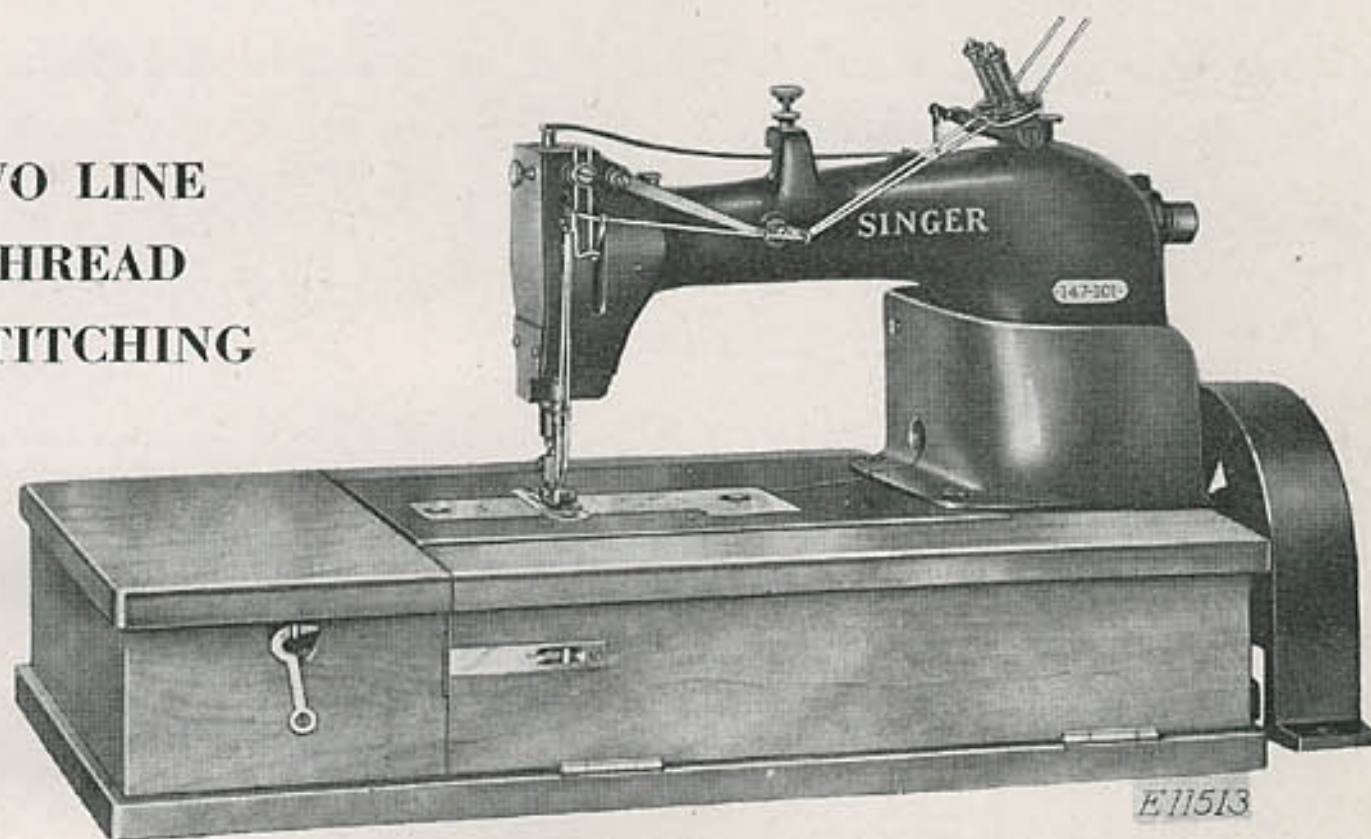
For Quicker Pick-Up  
On Lap Seam Felling Work

# Singer Two Needle Machines

147-100 and 147-101

Are Equipped with BALL BEARINGS

FOR TWO LINE  
TWO-THREAD  
CHAIN STITCHING



Machine 147-101

Machines 147-100 and 147-101, which supersede Machines 147-60 and 147-61, respectively, are a marked advance over the older types of machines. Counter-balanced and constructed with the latest mechanical refinements, their use assures

- INCREASED PRODUCTION
- LOWER COST OF OPERATION
- SMOOTHER PERFORMANCE

Machine 147-100 has a needle bar stroke of  $1\frac{1}{8}$  inches and is used for lap seam felling shirt sleeves, pajamas and other light weight fabrics. It makes from 10 to 25 stitches to the inch and can be operated up to 4300 revolutions per minute.

Machine 147-101 has a needle bar stroke of  $1\frac{7}{8}$  inches and is therefore adapted for stitching heavier fabrics than can be handled on the 147-100. It is used for lap seam felling pants, knickers, play suits, knit underwear, work shirts of flannel or medium weight material, skirts, etc. It makes from 6 to 25 stitches to the inch and can be operated up to 4000 revolutions per minute.



## Other Features of These High Speed Machines—

**Ball Bearings**, on the arm rotary shaft, mean quicker pick-up and saving in power.

**Counterbalanced Arm Rotary Shaft**, free from vibration, results in smoother performance at all speeds.

**Automatic Oiling System** assures a constant supply of oil to all the principal bearings. Bearings not oiled directly by the splash system are fed by gravity through copper tubing.

All excess oil drains into an oil receptacle provided for the purpose beneath the machine.

**Excellent Quality of Work** is produced by a simple and efficient stitch forming mechanism.

**Under Threading is Simplified** by an improved cloth plate, and the loopers are set so that they can be readily thrown out of position to facilitate threading.

**Equipment.** The machines are regularly furnished with a belt guard, wooden bench stand 79772 and a foot lifter.

If a knee lifter is desired instead of a foot lifter, it must be so stated on the order.

**Lap Seam Fellers** are furnished, on order, at a charge additional to the machine. The gauge required must be specified on the order, which should be accompanied by made-up samples or samples of material.

**Needle Gauges.** The distance between the two needles may be from  $\frac{3}{32}$  to  $\frac{1}{2}$  inch as desired, and orders for the machine should specify the gauge required.

**Working Space** at right of needle is  $8\frac{1}{4}$  inches. Bed is  $16\frac{1}{2}$  inches in length overall.

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### SINGER SHOPS FOR THE MANUFACTURING TRADE

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Baltimore, Md.  
Boston, Mass.  
Brockton, Mass.  
Buffalo, N. Y.  
Chicago, Ill.  
Cincinnati, Ohio  
Cleveland, Ohio  
Columbus, Ohio

Dallas, Texas  
Denver, Colo.  
Detroit, Mich.  
Gloversville, N. Y.  
Havana, Cuba  
Haverhill, Mass.  
Indianapolis, Ind.  
Johnson City, N. Y.

Kansas City, Mo.  
Los Angeles, Cal.  
Lynn, Mass.  
Mexico City, Mex.  
Milwaukee, Wis.  
Montreal,  
Quebec, Can.  
Nashville, Tenn.  
Newark, N. J.

New Orleans, La.  
New York City  
Philadelphia, Pa.  
Pittsburgh, Pa.  
Portland, Ore.  
Quebec, P. Q., Can.  
Rochester, N. Y.  
Salt Lake City, Utah  
San Francisco, Cal.

Seattle, Wash.  
St. Louis, Mo.  
St. Paul Minn.  
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Toronto, Ont., Can.  
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Utica, N. Y.  
Vancouver, B. C., Can.  
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