

NOV

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# SINGER MACHINES

131 w 111 (Three Needles)

AND

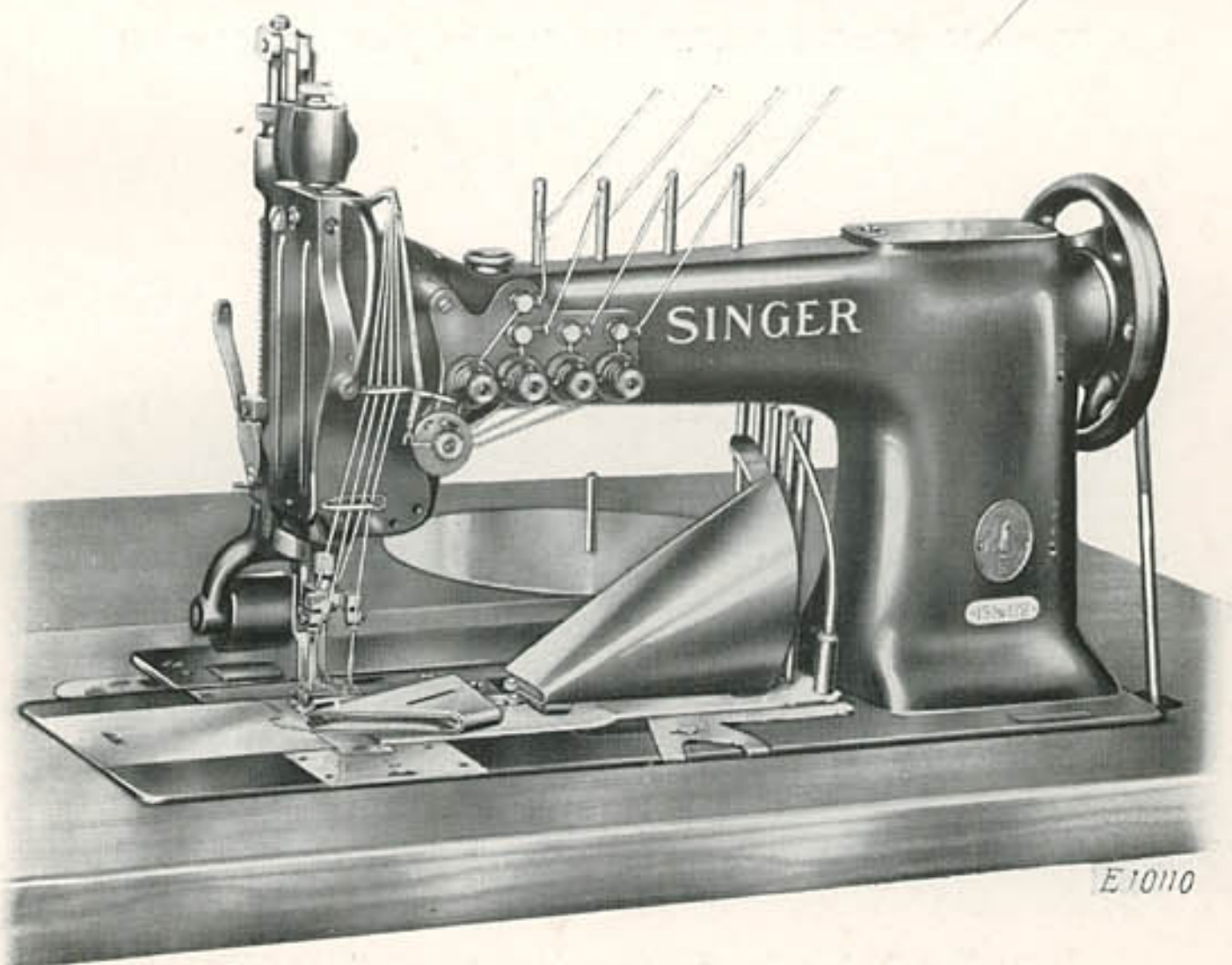
131 w 112 (Four Needles)

LOCK STITCH

PULLER FEED

FOR

## BINDING BLANKETS



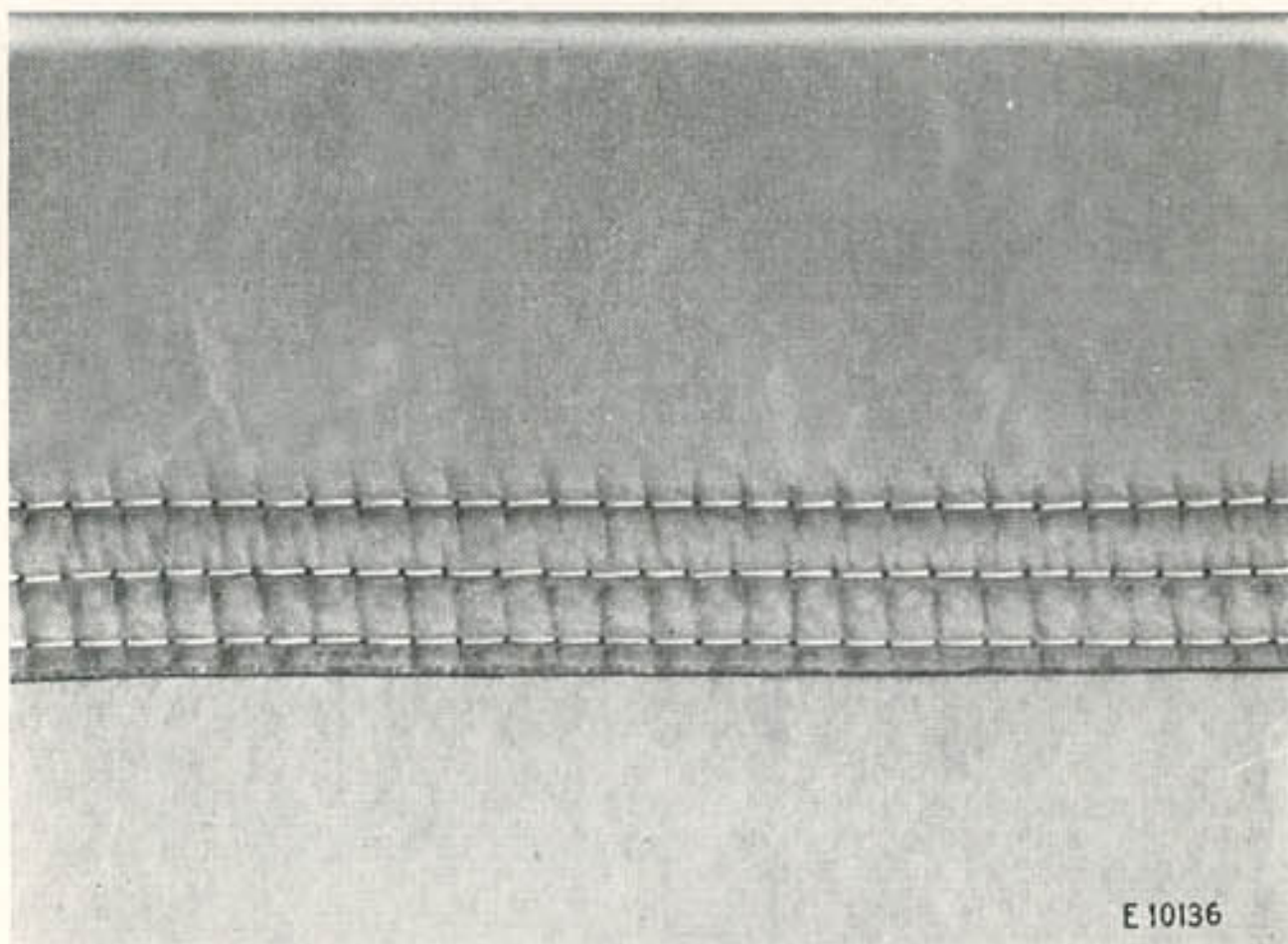
Machine 131 w 112 Completely Equipped

These multiple needle, lock stitch machines are especially adapted for binding blankets. As they are equipped with a puller feed in addition to a drop feed, all descriptions of blanket materials, ranging from the lightest weight cotton to the heaviest of woollens, are successfully handled and excellent binding work is accomplished up to the speed of 2500 revolutions per minute.

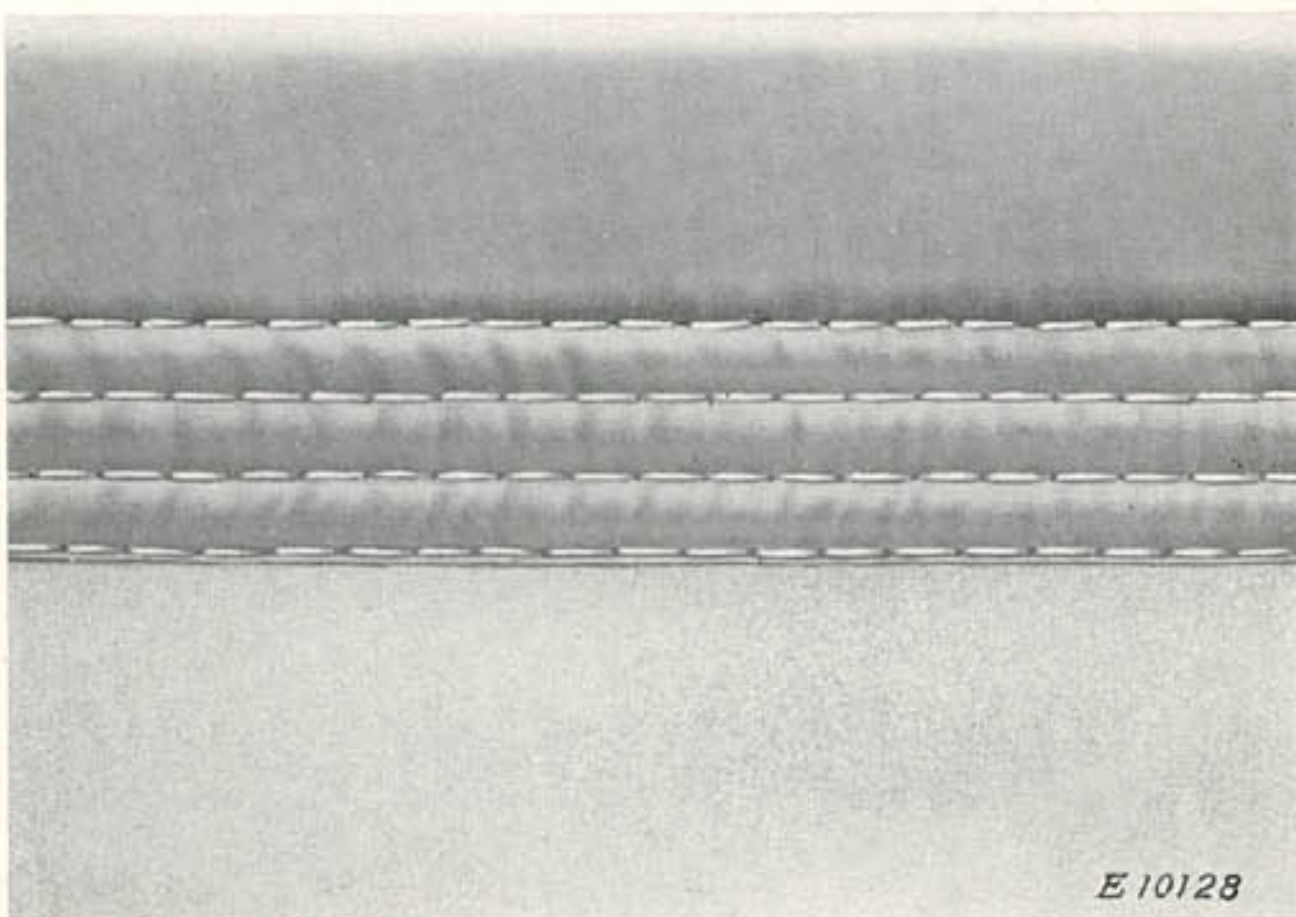
### Gauges of Machines

**Machine 131w111**, three needles and three rotary sewing hooks, makes three parallel lines of stitching in one operation.





Three-Needle Blanket Binding done on Machine 131 w 111



Four-Needle Blanket Binding done on Machine 131 w 112

The distance between the two outside lines of stitching may be from  $\frac{3}{8}$  inch to  $2\frac{1}{4}$  inches and as the position of the centre needle remains fixed at all times, the distance from the centre line of stitching to either outside line may be from  $\frac{3}{16}$  inch to  $1\frac{1}{8}$  inches.

In gauges from  $\frac{3}{16}$  to  $\frac{19}{64}$  inch, the outside needles are located on a line  $\frac{37}{64}$  inch in advance of the centre needle and in gauges from  $\frac{5}{16}$  inch to  $1\frac{1}{8}$  inches, the outside needles are located on a line  $\frac{27}{64}$  inch in advance of the centre needle.

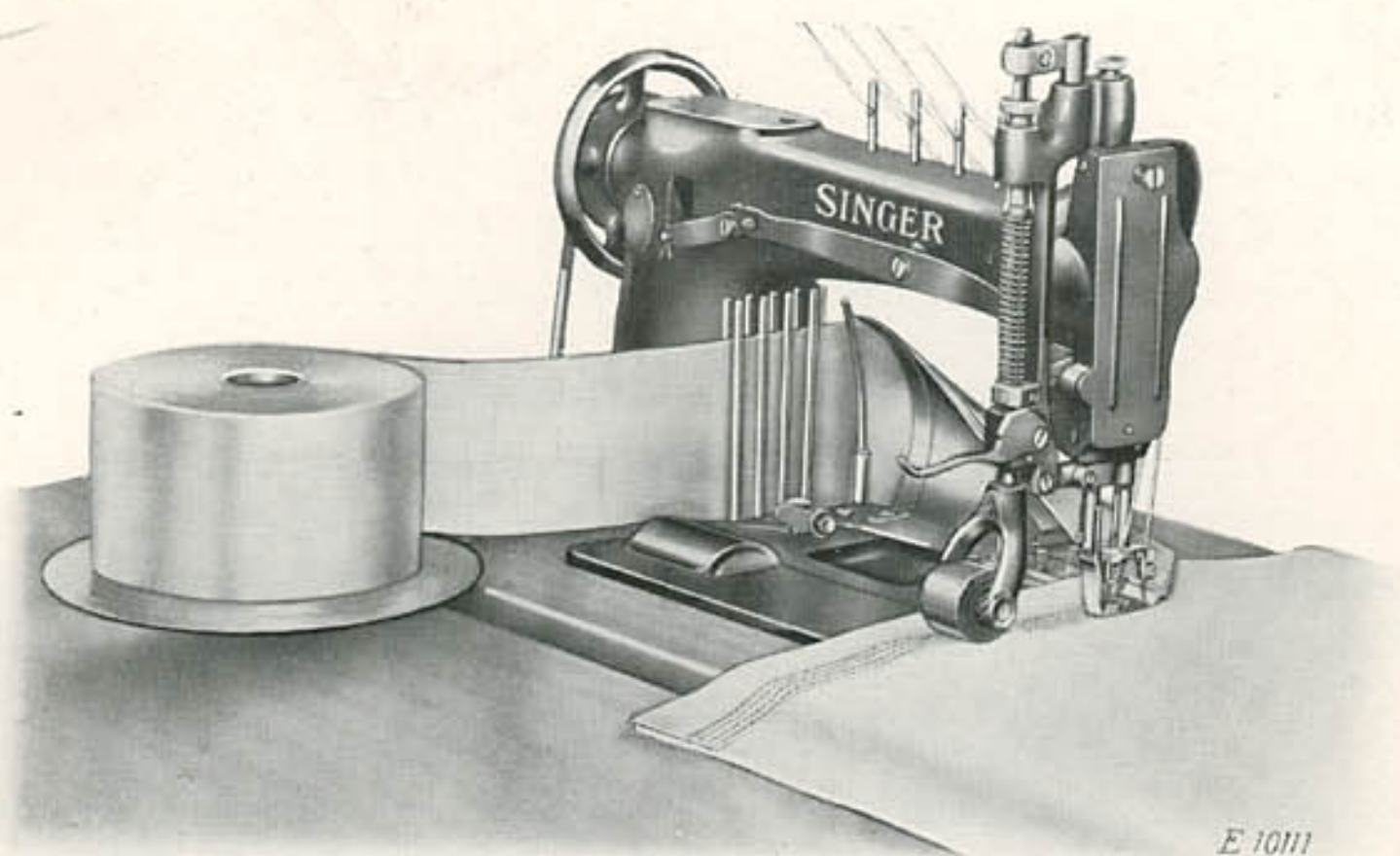
**Machine 131w112**, four needles and four rotary sewing hooks, makes four parallel lines of stitching in one operation.



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Machine 131 w 112 in Operation

The distance between the two outside lines of stitching may be from  $\frac{3}{4}$  inch to  $2\frac{1}{4}$  inches, the least distance between any two lines of stitching being  $\frac{1}{4}$  inch. In all gauges, the two outside needles are located on a line  $\frac{3}{4}$  inch in advance of the two centre needles.

#### **Advantages of the Puller Feed**

This auxiliary feeding device is located at the back of the needles and consists of two smooth, rubber faced feed rolls, the lower one of which is driven in unison with the drop feed while the upper roll acts as a roller presser.

The effectiveness of this style of feed for binding blankets is shown by the smooth and neat appearance of the work illustrated on the preceding page. Not only does the puller feed help the drop feed to carry the edge of the blanket and upper and under plies of the binding uniformly forward for the length of each stitch, but its pulling action produces a slight tension on the seam which prevents the stitches from puckering the work and causes it to lie perfectly flat when finished.

#### **Efficient Binding Equipment**

Binding Attachments complete, 259115 and 259118, are regularly fitted to Machines 131w111 and 131w112, respectively. Either of these attachments can be furnished for binding strip from three to four inches in width.

The binding attachments, complete, include the binder, binder guide and tension device, all of which are mounted on a hinged bracket so that they can be swung aside as a unit to facilitate the making of mitre corners and changing of bobbins. This arrangement also makes it possible to swing aside the binder without wrinkling the binding.

The tension device can be readily adjusted to produce the required amount of tension on the binding strip to keep it smooth and regular.



### Strip Reel

Strip Reel 259137, for holding the roll of binding strip, is supported by a bracket which is attached to the table at the rear of the machine, as illustrated on the preceding page. This strip reel, complete with bracket, is included in the regular equipment of each machine.

### Bobbins of Large Thread Capacity

Bobbins having a large thread capacity are used in the machines. This is especially an advantage when making the long seams which occur in blanket binding work. Fewer stops are necessary on account of empty bobbins and a considerable saving of the operator's time is thereby effected.

### Smooth and Quiet Running

The gears which drive the rotary sewing hooks are self lubricating and are quiet in operation, the wear being reduced to a minimum. The machines are perfectly balanced and run smoothly even at the highest speed. They are carefully and substantially constructed throughout, so that long continuous satisfactory service is assured with a minimum of expense for maintenance.

### Length of Stitch

The puller feed and drop feed of the machines are provided with a single adjustment for making stitches varying in length up to five to the inch.

### Regarding Orders for the Machines

Orders for machines must specify the gauges required.

Samples of binding and the material to be bound should accompany all orders.

### SINGER SHOPS FOR THE MANUFACTURING TRADE

ATLANTA, GA. 172A Trinity Avenue, S. W.	HAVERHILL, MASS. 58 Essex Street	PORTLAND, ORE. 82 West Park Street
BALTIMORE, MD. 21 West Fayette Street	INDIANAPOLIS, IND. 546 South Meridian Street	QUEBEC, P. Q., Can. 37 Crown Street
BOSTON, MASS. 75 Kneeland Street	JOHNSON CITY, N. Y. 10 Avenue D.	ROCHESTER, N. Y. 183 Clinton Avenue, North
BROCKTON, MASS. 68 Centre Street	KANSAS CITY, MO. 805 Main Street	SALT LAKE CITY, UTAH 43 South Main Street
BUFFALO, N. Y. 24 Ellicott Street	LOS ANGELES, CAL. 917 South Maple Avenue	SAN FRANCISCO, CAL. 140 Second Street
CHICAGO, ILL. 1015 West Jackson Boulevard	LYNN, MASS. 445 Union Street	SEATTLE, WASH. 1919½ Second Avenue
CINCINNATI, OHIO 809 Walnut Street	MEXICO CITY, MEXICO Ave. Republica del Salvador 77	ST. LOUIS, MO. 1629 Washington Avenue
CLEVELAND, OHIO 133 St. Clair Avenue, N. E.	MILWAUKEE, WIS. 104 East Mason Street	ST. PAUL, MINN. 227 East Sixth Street
COLUMBUS, OHIO 516 South High Street	MONTREAL, QUEBEC, CAN. 740 Notre Dame St., West	SYRACUSE, N. Y. 238 West Willow Street
DALLAS, TEXAS 903 Elm Street	NASHVILLE, TENN. 164 Eighth Avenue, North	TORONTO, ONT., CAN. 246 Richmond Street, West
DENVER, COLO. 1425 Sixteenth Street	NEWARK, N. J. 15 William Street	TROY, N. Y. 14 Union Street
DETROIT, MICH. 23 Jefferson Avenue, West	NEW ORLEANS, LA. 934 Canal Street	UTICA, N. Y. 211 Elizabeth Street
EL PASO, TEXAS 211 Texas Street	NEW YORK CITY 561 Broadway	VANCOUVER, B. C., CAN. 869 Granville Street
GLOVERSVILLE, N. Y. 122 South Main Street	PHILADELPHIA, PA. 112 North Twelfth Street	WINNIPEG, MAN., CAN. 424 Portage Avenue
HAVANA, CUBA Apartado 805	PITTSBURGH, PA. 443 Wood Street	