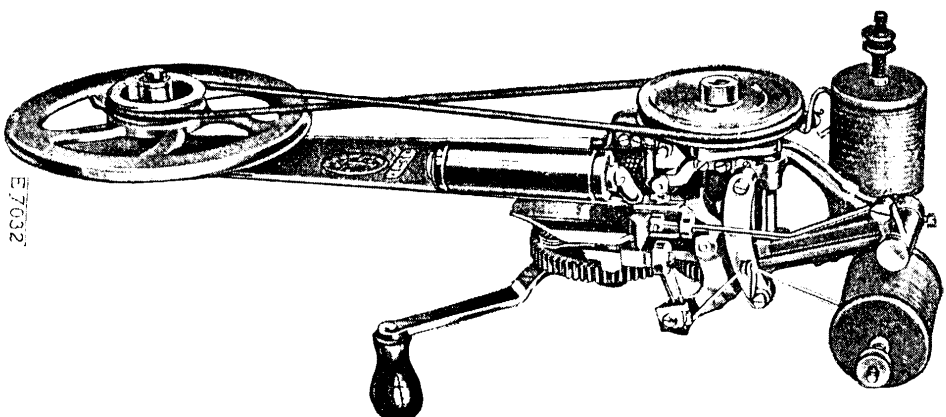


SINGER

35 Class

INSTRUCTIONS FOR USING SINGER SEWING MACHINES



E 7632
Machine 35-1

OF CLASS 35
FOR SEWING CARPETS

THE SINGER MANUFACTURING CO.

To Oil the Machine

Oil the three cams and cam rollers, the feed rolls on the top, the needle lever and guide, and all bearing points that are provided with oil holes, before commencing to sew; and when the machine is in constant use oil twice a day.

To Prepare for Sewing

Erect two independent posts not more than 45 feet apart, one for the stretching clamp and one for the windlass (the two

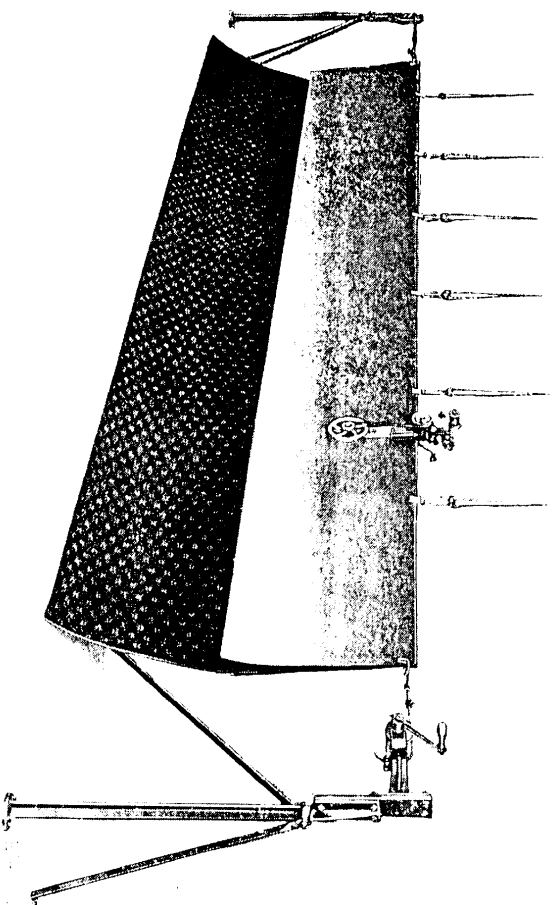


Fig. 2. Carpet Suspended and Machine in Sewing Position

posts illustrated in Fig. 2 are known as Stretching Clamp and Windlass Support complete No. 244335).

At intervals of three feet between these posts, suspend the hanging clamps from an overhead frame or from the ceiling.

Suspend the carpet, as shown in Fig. 2, matching the figures as you adjust the hanging clamps. The machine will readily take in any slack there may be from matching. The slack side should be held a little higher in the hanging clamp than the other.

To Place the Machine in Position for Sewing

After the carpet is matched and clamped, have the needle at its extreme outward stroke. With the right hand take the machine by the handle and place it on the carpet with the driving crank on the opposite side from the operator, at the same time pressing the two feed levers together with the left hand so that the carpet will pass between the feed rollers and under the carpet guide.

The machine should be held only just firmly enough to keep it steady. It feeds itself forward upon the carpet and needs no assistance from the operator.

To Set the Needle

Use needle 35x3, size 26.

Put the needle in the groove of the needle lever with its concave side up, as far under the clamp as it will go, and tighten the clamp screw.

The best results will be obtained in using the needles furnished by the Singer Sewing Machine Company.

To Thread the Needle for Machine 35-1

(See Fig. 1, Page 1)

Before threading, turn down the nipper roller in front of the needle in order to give access to the needle. The needle thread should pass from the rear of the thread spool downwardly through the wire eyelet, thence under the needle clamp and into the rear notch of needle clamp, over the needle clamp to the second or forward notch and under the lug on forward end of needle clamp, along the top of needle and downwardly through the eye of the needle, leaving about two inches of thread beyond the eye of needle with which to commence sewing. After threading, turn up the nipper roller in front of the needle.

To Thread the Needle for Machine 35-2

(See Fig. 3, on the Following Page)

Before threading, turn down the nipper roller in front of the needle in order to give access to the needle. The needle thread should pass from the rear of the thread spool downwardly through the wire eyelet above the tension, around rear side and between tension discs, through the wire eyelet below tension, thence through eyelet located between driving gears, then through hole in needle lever to the under side of rear lug of needle clamp, into the rear notch of needle clamp, over the needle clamp, to the second or forward notch and under lug on forward end of needle clamp, along the top of needle and downwardly through the eye of the needle, leaving about two inches of thread beyond the eye of needle with which to commence sewing. After threading, turn up the nipper roller in front of the needle.

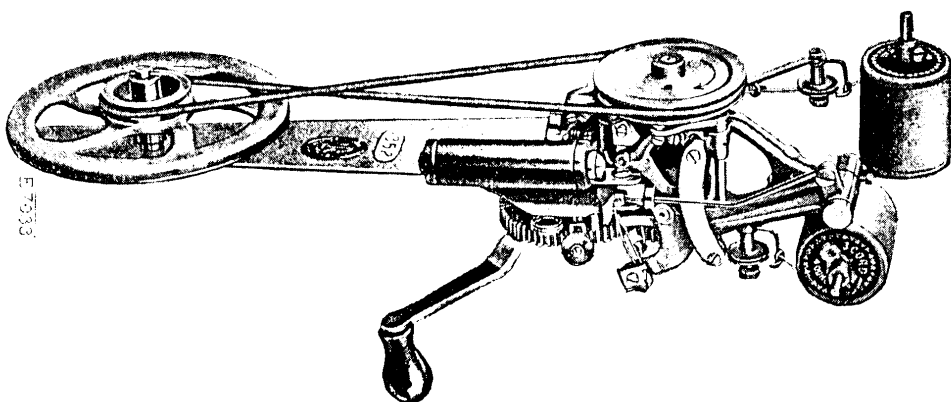


Fig. 3. Threading the Needle
(Machine 35-2)

To Set the Needle Guard Roller

Loosen the two screws which hold the needle guard roller bracket in position and raise or lower the bracket, as may be required, to bring the needle guard roller about $\frac{1}{32}$ inch above the upper side of the needle. This will position the roller so that, on the outward stroke of the needle, the roller will drag upon the thread, forcing the thread downwardly through the eye of the needle to form a loop on the underside of the needle for the looper.

To Set the Looper

The looper should be set in the looper carrier so that it will pass under the needle with a clearance of about $\frac{1}{16}$ inch. This position of the looper is regulated by an adjusting screw which is the lower one in the looper carrier. Turning the screw inwardly will adjust the looper closer to the needle and turning outwardly will adjust the looper away from the needle and when in a correct position will locate the bevel cut on the point of looper about $\frac{1}{16}$ inch from the scarf on needle. At the extreme forward motion of the looper, a slight lift of the looper is required to carry the looper thread up so that the needle will pass between the thread and looper. An adjusting screw is placed in the frame adjacent to the edge of pulley and in line with the top edge of handle. Turning the screw inwardly raises the looper towards the needle. Turning the screw outwardly carries the looper away from the needle. The screw should be adjusted so that there will be a clearance between the needle and the looper of about $\frac{1}{32}$ inch which will position the looper thread so that the needle will pass between it and the looper and still not allow the looper to strike the underside of needle.

To Thread the Looper for Machine 35-1

The thread should pass from the looper thread spool over the front of spool to the upper eyelet of the pull-off, down through the eye of the thread take-up and downwardly through the lower eye of pull-off. Pass the threading wire, point first, into the eyelet above the left hand feed lever from back towards the front, catch the thread on the hook end and draw the thread through the eyelet and machine frame to the under side of looper, then pass the thread upwardly through the eye of looper, leaving about two inches of thread with which to commence sewing.

To Thread the Looper for Machine 35-2

The thread should pass from the looper thread spool from the under side of spool to the tension wire eyelet, around the inside and between the tension discs, through the take-up eyelet immediately below tension. Pass the threading wire, point first, into the eyelet above the left hand feed lever from back towards the front, catch the thread on the hook end and draw the thread through the eyelet and machine frame to the under side of looper, then pass the thread upwardly through the eye of looper leaving about two inches of thread with which to commence sewing.

Tensions

The tension on the needle and looper threads should be sufficiently strong to set the stitch but not so strong that the thread will chafe or break when pulled by hand through either the eye of needle or looper.

To Regulate the Depth of Seam

With the machine on the carpet, turn down the nipper roller, loosen the guide screw beside the hole where the needle enters the carpet, and adjust the guide to the depth of seam desired. Then tighten the guide screw.

To Take the Machine Off the Carpet

Turn the hand crank until the needle is withdrawn from the carpet and is at its extreme rearward stroke. Grasp the needle thread to the rear of the needle lever and draw off about 4" of thread, after which turn down the nipper roller and with the hook end of the needle gauge 8035 grasp the thread immediately below the eye of the needle and draw the excess thread through the eye, after which cut the thread about 2" from the eye of the needle. With the hooked end of needle gauge 8035, grasp the looper thread above the eye of looper and draw off about 4" of thread, after which cut the thread about 2" from the eye of looper. Turn the nipper roller up and remove the machine from the carpet and then the machine is properly threaded and ready for applying to the carpet for another seam.

Thread

Use No. 18 in the needle, and No. 25 in the looper.

INSTRUCTIONS

FOR USING

CARPET GUIDES

To Sew Ingrain

Use Guide 7982 and put a strip of canvas about three inches deep on each side of the carpet about half an inch from the edge, for the feed rolls to work on.

Hold the machine up a little so that it will not bear too heavily on the carpet, particularly on cheap ingrain.

To Sew Hemp Carpet

Use Guide 7982.

To Sew Brussels

Use Guide 7983.

As the Guide 7983 is made in two sections it can be adjusted to the different selvages and a good seam always made.

To Sew Light Brussels and Tapestry

Use Guide 8084 and follow instructions for Guide 7983.

To Sew Moquette and Axminster

Use Guide 7984 and adjust it so that it will make a seam $\frac{1}{4}$ inch deep. Attach the Piler Rod to top of the Needle Lever, and adjust the piler to the depth of the seam.

Keep both the selvages even on top.

To Sew Light Moquette

Use Guide 8085 and follow the instructions for using Guide 7984.

To Sew On Borders

Use Guide 7985. Keep the turned-down side a little higher than the border.

Sew about one inch by hand at all angles before suspending the carpet.

A few stay stitches should be put in by hand at each cross seam.

To Sew On Heavy Borders

Use Guide 8083 and follow instructions for Guide 7985.

To Hem Borders

Use Guide 7986. Hook the border up taut and rub the edge down with the screwdriver.

Use thread the color of the border-edge in the needle, and lean the machine over from you a little.

Following is a list of accessories regularly sent out with each machine:

1 Feed Wheel Lever Presser Spring 7979,	1 Needle Gauge and Wrench Combined 8035,
4 Guides,	1 Oiler 36570.
10 Hanging Clamps 244325.	1 Screwdriver 26026,
1 Hanging Clamp Chain 8094.	2 Stretching Clamps 244318.
10 Hanging Clamp Chain Screw Eyes 8092,	1 Stretching Clamp Rope 8095,
2 Loopers Threaders 8033.	1 Stretching Clamp Rope Hook 8093.
1 Matching Awl and Hook 8034,	
5 Needles, 35x3, No. 26.	1 Windlass 8049.