To The Owner

When you invested in this White Rotary Sewing Machine, you acquired the most satisfactory servant a homemaker can have. Your White is a precision built machine that will carry out your personalized fashions and decorating schemes for years to come. Give it the service and care it deserves and you’ll be rewarded with a lifetime of dependable sewing.

To retain their rich finish, White cabinets, authentically styled by woodworking craftsmen, merit the same treatment you give your other fine furniture.

This booklet provides all the information needed to care for and understand your White Rotary Sewing Machine. Please refer to it often for best results.

WHITE SEWING MACHINE CORPORATION
CLEVELAND 11, OHIO

In Canada
WHITE SEWING MACHINE PRODUCTS LIMITED
602 KING STREET, W.
Whenever a reference is made to turning die wheel, or raising or lowering take-up, it is important that the wheel be turned away from you as you face the machine.

An illustration showing the exact length of the Flat Shank Needle.

Use Only This Needle

The needle should pass CENTRAL in the needle hole from FRONT to REAR, but close to the right side of the hole. The needle, when descending, should pass CENTRAL in the needle hole. The needle screw being slotted for that purpose, always use a screw-driver to avoid loosening of the needle. When ordering needles, always give the number of the machine which you will find on the front flange of the bed plate.

When ordering needles, attachments or machine parts do not need will cause trouble and injure the machine.

To Set Needle

Raisetheneedle-bartoitshighestpoint;loosethethumbscrewandpressittothelefttopermittheshankoftheNEEDLEtopassupbetweentheclampandneedle-barasfarastwillgo—flatsidetotheRIGHT—theNEEDLEbeingflattenedononesidesoitwillsetitselfperfectly,thenfastensecurelybytighteningthumbscrew.

To avoid loosening of the needle, always use a screw-driver.
Fig. 1: IbreadingBobbinCase

Hut, leSbbhcasein the leftbandaibprojecting
tangoupward, placethebobbinoercenter spindlein the case
Holding the bobbin case in the left hand, with position

Fig. 2

The case may be readily removed.

Remove cover plate, reach down with left hand and take hold

Thread Size

Needle Sizes

<table>
<thead>
<tr>
<th>Type of Fabric</th>
<th>Needle Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheer</td>
<td>0</td>
</tr>
<tr>
<td>Very Sheer</td>
<td>00</td>
</tr>
<tr>
<td>Medium</td>
<td>1</td>
</tr>
<tr>
<td>Heavy</td>
<td>2, 3</td>
</tr>
<tr>
<td>Very Heavy</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weight</th>
<th>Thread Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium</td>
<td>1</td>
</tr>
<tr>
<td>Heavy</td>
<td>2</td>
</tr>
<tr>
<td>Very Heavy</td>
<td>4</td>
</tr>
<tr>
<td>Cotton—20-40</td>
<td></td>
</tr>
<tr>
<td>Cotton—40-60</td>
<td></td>
</tr>
<tr>
<td>Cotton—60-80</td>
<td></td>
</tr>
<tr>
<td>Silk—A</td>
<td></td>
</tr>
<tr>
<td>Silk—B</td>
<td></td>
</tr>
<tr>
<td>Polyester—50</td>
<td></td>
</tr>
<tr>
<td>Polyester—100</td>
<td></td>
</tr>
<tr>
<td>Yarn—A</td>
<td></td>
</tr>
<tr>
<td>Yarn—B</td>
<td></td>
</tr>
</tbody>
</table>

Fig. 3

The case may be readily removed.

Remove cover plate, reach down with left hand and take hold

Fig. 1
To commence work:

1. Place bobbin on spindle of bobbin winder (1). Hold wheel clutch (2) toward left to disengage sewing machine.
2. Insert thread into bobbin winder (3) and turn wheel clockwise for a few turns as you start the thread.
3. Push bobbin winder up against bobbin case and firmly turn a few times to start the thread.

To Wind the Bobbin:

4. Pull thread through eye of needle (4) from left to right and keep about two inches of thread at top of needle case. Pull thread upward through eye of needle and pass through eye of needle (4) from inside to out and make two or three winds. Place bobbin on spindle of bobbin winder (5).
5. Insert thread in hole in bobbin case.
6. Put the reaction arm of bobbin case on the felt to hold the bobbin securely.
7. Turn wheel toward right, leaving about two inches of thread at top of needle case.
8. Insert thread into hook (2) of needle and pass thread upward through eye of needle (4) from inside to out and make two or three winds.
9. Pull thread from hook (2) of needle (4) and pass thread upward through eye of needle (4) from inside to out and make two or three winds.
10. Insert thread into hook (2) of needle (4) and pass thread upward through eye of needle (4) from inside to out and make two or three winds.
11. Pull thread from hook (2) of needle (4) and pass thread upward through eye of needle (4) from inside to out and make two or three winds.
12. Insert thread into hook (2) of needle (4) and pass thread upward through eye of needle (4) from inside to out and make two or three winds.
13. Pull thread from hook (2) of needle (4) and pass thread upward through eye of needle (4) from inside to out and make two or three winds.
14. Insert thread into hook (2) of needle (4) and pass thread upward through eye of needle (4) from inside to out and make two or three winds.
ADJUSTING TENSION

Proper adjustment of tension

![Image of a sewing machine bobbin case]

**Proper Adjustment of Tension**

1. Thread the machine with the thread to be used. Place the thread under the presser foot and guide it through the thread guide and take-up lever. Wind the thread around the bobbin and thread the bobbin case.

2. Place the bobbin in the bobbin case and thread the thread through the thread guide and presser foot. Pull the thread through the needle eye and make sure it is threaded correctly.

3. Insert the bobbin in the bobbin case and thread the thread through the tension disks and take-up lever. Pull the thread through the needle eye and make sure it is threaded correctly.

4. With the needle threaded, turn the hand wheel to the right until the thread is taut. Check to see that the tension is set correctly. If the tension is too loose or too tight, adjust it accordingly.

5. Turn the hand wheel to the left to remove any unwanted thread from the shuttle and bobbin cases.

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15. Turn the hand wheel to the left to remove any unwanted thread from the shuttle and bobbin cases.
Once you have become familiar with the attachments, you will

with the results.

neither difficult nor complicated to

gain your new machine. Like

and without forcing. The shuttle race cover will then go into

removing any threads or lint that may be in

clean the shuttle thoroughly, being sure that no thread is wound

shuttle race and center pin.

place a drop of oil on the shuttle race and apply to outer edge of shuttle.

Before replacing, place the shuttle race over the shuttle race cover. Lift out

the top of the needle just enters the needle plate

See Figs. 7-8. While the sewing unit is dipped back, turn the

Replacing the Shuttle

Replacing the Shuttle

See Figs. 7-8. With the sewing unit lifted back, turn the

Fig. 8

Fig. 7
Hemming and Seaming on Lace. One Operation

Fig. 10

The Hemmed Edge

The Narrow Hemmer

Always be sure that hinged thumbnut-screw is tightened securely. Certain it is pushed back into presser-bar as far as it will go. When replacing presser-foot or pulling on any attachment be certain point of lower thumbnut is withdrawn from presser-bar. To remove presser-foot from machine, raise the latch to lock attachment in place of the regular presser-foot. Most of the attachments used with this machine must be attached in a fixed manner. This is referred to with a French seam.

The seam thus formed is referred to as a French seam. The seam thus formed is referred to as a French seam. The seam thus formed is referred to as a French seam. The seam thus formed is referred to as a French seam. The seam thus formed is referred to as a French seam. The seam thus formed is referred to as a French seam. The seam thus formed is referred to as a French seam.
I. Enforce button
II. Replace with interlock
III. Loose screw
IV. Adjust the depth of the stitcher.
V. Set pin in No. 1.

Pictures:

Enforcement of the edge, as shown in these pictures, provides for different widths or seam allowance. The edges are guided to the needle by the needle holder and the foot holds the edge in place. The needle is guided to the needle plate, and the edge of the material is guided into the foot. The edge of the material is guided into the hole in the presser-bar, and the thread is guided through the thread cutter and presser bar. The thread is secured with the loose screw.

Remove the foot from the machine and replace with another.

III. Quilting

A. Slot to space fullness at number of stitches.

B. Slide to regulate depth of pleat.

Choose a thread to match the quilt. The quilt will then appear at the edge of the fabric on the needle and over the last row of stitching.
To use Shirring Plate:

1. Remove handwheel cover, pull shield guide back, and choose the desired needle plate. Place the Shirring Plate in the slot of the needle plate, then lower the handwheel cover. Turn the handwheel to tension the Shirring Plate.

2. Set the Shirring Plate on the machine as close as possible to the needle plate. Turn the handwheel to tension the Shirring Plate.

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Group Pleating: Set Ruffler for six-stitch or twelve-stitch pleat.

For several rows of shirring, place the Shirring Plate behind the presser foot. After the last row of shirring, remove the Shirring Plate and use the presser foot to sew the remaining rows of shirring.
When sewing laces or soft materials together, it is better to hold the edges slightly overlapped. This will prevent the lace from feeding away from the guide.

When the attachment is properly adjusted, the most inexperienced operator may sew two pieces of lace together with ease. When the attachment is improperly adjusted, the most experienced operator may find difficulty.

To adjust the Edge-Gatherer, simply move the guide as directed by the instruction. It is best to remove the presser foot and replace with the Shirring Foot.

Directions for Using the Shirring Foot:

Remove the presser foot and replace with the Shirring Foot.

To Gather, place the goods under the foot so that the sates are set in ordinary sewing.

To Gather, pull off Shirring Foot.

Brider

Combination Edge-Gatherer: Tucking Guide and Top

Removable Presser Foot: For Greater Shirring Effect, Presser Foot can be removed to allow for gathering; to remove the Shirring effect, place the goods under the foot in ordinary sewing.
neat1bedeszntobebraidcdchouldbeitinmarkedor stanijedonthesoporhtsideofhefabric.Startthesoutachr
braidintohokt"K''andstitchalongdesian,surethatthe
soutache1)1aidfeedingf'reelvintalode"N''thouttwittiig
Foturnaco-ocr,stoptherachin''iihthneedledowsi
oLighthebraiiathedec"crneroftheiesgn.casethe
presei-barjiitetoightopermittheturningofthefabic
mthedes,eddiiection,lowerthepresser-bataadproed
ssbefore.

For cutting bias bands of various widths, cut either straight or bias

The Scissors Gauge

The scissors gauge is adjustable for the widths of band desired.
For cutting bands of various widths, cut either straight or bias

Fig. 18

The Scissors Gauge

One inch indicates the width
be ¾ inch wide when finished.

The scissors gauge is adjustable for the widths of band desired.
For cutting bands of various widths, cut either straight or bias.

Fig. 19

Fig. 20

Fig. 21

As before, in the desired direction, lower the presser-bar and proceed
presser-bar just enough to permit the trailing of the fabric
through the fabric in the exact center of the design. Make the

To turn a corner, stop the machine with the needle down
bouache band is feeding freely into hole "H", without tension.

and stitch along design. Bring one end of the
stitch into hole "H", and catch the edge of the fabric over the

The design to be braided should be plainly marked or
Fold a strip of bias over the cord, right side out, and place.

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Insewing Coring

**Fig. 22**

Inserting Coring

Fold a strip of bias over the cord, right side out, and place in center of the needle hole before lightening the tension screw.

loosen the thumb screw on the attachment and move the foot to the right of the coring.

Combination Attachment in place. Loosen the thumb screw on the regular presser foot and attach the Adjustable Zipper.

The Combination Adjustable Zipper

Attach the Adjustable Zipper by loosening thumb screw when attaching a slide fastener.

Adjust for stitching either with or without a slide fastener.

The attachment is designed so it can be adjusted for stitching either right or left of the center.

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Attaching Two Bindings

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Converting Colors—One Operation

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or outside tape of the wider tape appears as a piping in addition to the narrow fabric by the line of stitching, with the result that the edge of the narrower. The two are thus sewn to the edge of the material. These may be used at the same time, the wider inside or outside tape. Two tapes may be used at the same time, the wider inside or outside tape.

Fig. 21

Inserting Coring

RemovetheregularpresserfootandattachtheAdjustableCombinationAttachmentinitsplace. Loosenthethumbscrew...istobetheleftoftheneedle. Seethattheneedlegoesdownincenteroftheneedleholebeforetighteningthethumbscrew.

Foldastripofbiasoverthecord, right side out, and place...
Lubrication

Connection

Connection

Electrical Equipment

Attaching a Side Fastener

Figure 27 shows a side fastener being attached to a garment. The needle positioned to the right of the needle. With the combination adjustable zipper, attaching and attaching the needle is being opened and closed. The needle goes down in center of the needle hole before the needle. Move the foot to the left of the left as desired. Secure the needle attachment in place. Loosen the thumb screw on the attachment. Remove the regular presser foot and attach the combination.
This sewing machine, consult or write the concern
needed or instructions wanted in connection with
number with your machine. When any repairs are
Do not allow agoers or unauthorised representation to

lunes it.

be reversed in the same direction (clockwise) as the motor
Whenever the disc wheel is turned by hand it should always

The Disc Wheel

dry and oil carefully.

If machine feels gritty or sticky at a feed of running poor oil,

Cleaning Machine

Advice given oil to prevent solids materials.

Avoid all oil on the points indicated on the illustrations as shown.

How frequently the machine is used determines the amount

Securing head back on its hinges.

Loosen points. To reach points indicated in Fig. 26, tip the

Oiling Machine

Oil at the points shown by arrows in Figs. 25 and 26. Before

Fig. 26
The White Buttonhole

It's so easy to sew on a Tulle.

General Information
The White Zigzagger

For novel embroideries, elastic stretch, appliqués, and
more trimmings the White Zigzagger is the ideal complement to your
sewing machine. It does the "thinking" while you expertly guide
the material under the needle. It does the "thinking" while you expertly guide
the material under the needle. It does the "thinking" while you expertly guide
the material under the needle. It does the "thinking" while you expertly guide

The White Zigzagger

NOTES