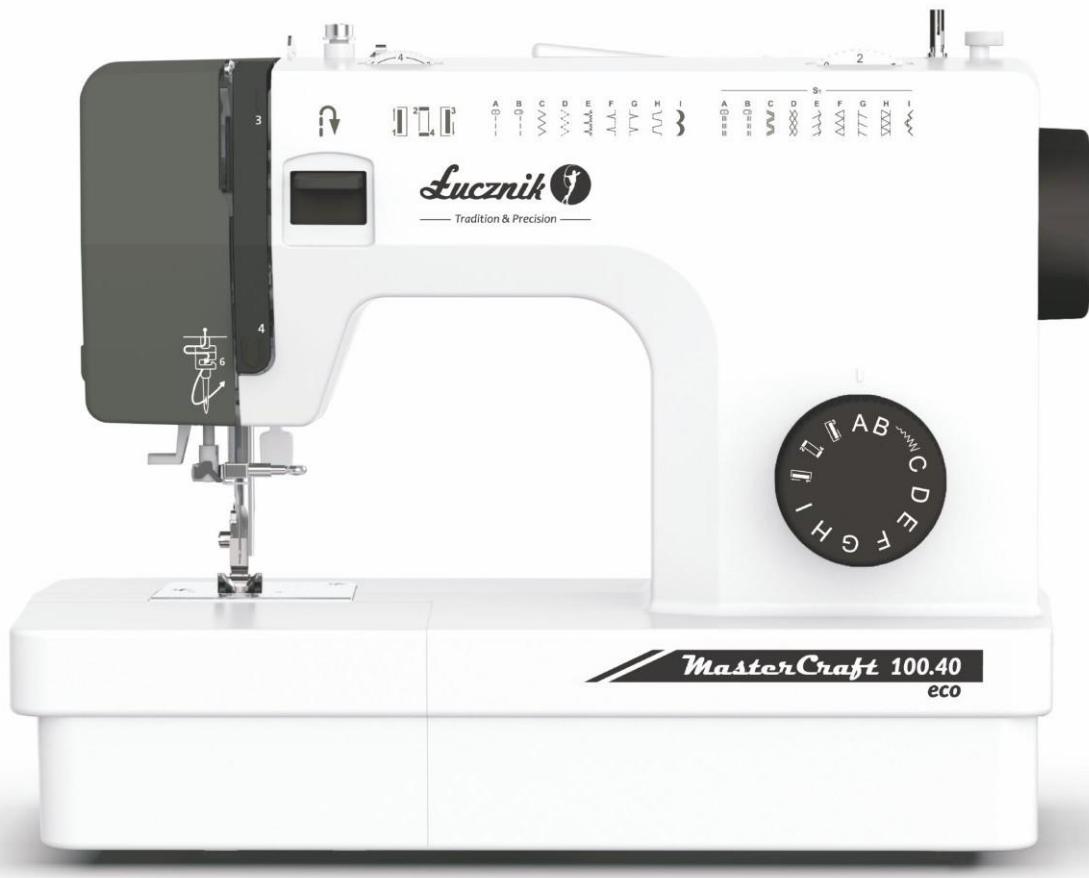




MasterCraft

100.40 eco



ENGLISH
VERSION



УКРАЇНСЬКА
ВЕРСІЯ



INSTRUCTION MANUAL



Rules for safe use

Before using the sewing machine, read these safety instructions. When using an electric machine, basic precautions should be observed, including the following:

CAUTION to minimize the risk of electric shock:

1. Connected to an electric power source, the device should never be left unattended.
2. After finishing work and before cleaning the device, always disconnect it from the power source by pulling the plug from the electrical outlet.

WARNING to minimize the risk of burns, fire, electric shock or injury:

1. Carefully read this manual before working with the device.
2. Keep the manual in a safe place and hand it over for review if you plan to let another person work on the machine.
3. Use the machine only in a dry room. Do not use it if you notice it is wet or in a damp environment.
4. Never leave the device unattended near children or adults incapable of assessing the risks of working with it.
5. The equipment may be used by children 8 years of age and older and by persons with diminished physical or mental capabilities, as well as by persons without experience and familiarity with the equipment, if they are provided with adequate supervision or instruction on the use of the equipment in a safe manner so that the associated risks are understood.
6. The device must not be used for children to play with. Special caution and control by an adult is necessary when using the device near children or by children.
7. Unsupervised children should not perform cleaning and maintenance of equipment.
8. Turn off the power to the machine with the switch (to the "O" position) before performing any preparation activities such as threading, changing the needle, replacing the presser foot and the like.
9. Always unplug the machine from the power source when you need to leave it unattended, so that a bystander cannot injure himself by accidentally turning on the machine.
10. Always disconnect the machine from the power source before replacing lights and before performing maintenance (such as oiling or cleaning).
11. To remove the plug from an electrical outlet, always pull on the plug, never on the cord.
12. If the LED lighting is damaged or broken, it should be replaced by the manufacturer, its service representative or a similarly qualified person.
13. Never place any objects on the machine's speed controller.
14. Do not operate the sewing machine if its vents are blocked. Protect the speed controller and the vents from the accumulation of dust, pieces of thread and fabric.
15. Only the correct, model-matching speed controller supplied with the machine may be connected to the machine. If the speed controller becomes damaged, it must be replaced by the manufacturer, its service representative or a similarly qualified person.
16. The cable of the speed controller cannot be replaced. If this cable becomes damaged, it must be replaced along with the speed controller.
17. The operating sound intensity of the machine during normal operation is less than 75 dB.
18. Do not dispose of used electrical equipment by placing it in a container with mixed municipal waste. Place the waste at a specially dedicated collection site. Contact local authorities to inquire about available collection sites. If waste electrical equipment ends up in a landfill, hazardous substances can seep into the soil and deep water, causing food contamination, environmental damage and impairment to your health and well-being.
19. If you buy new electronic equipment, the seller is required by law to pick up and dispose of your old equipment for free.

KEEP THIS INSTRUCTION

The sewing machine is designed for home use only.

Simple and modern sewing!

Congratulations! You have become the owner of a unique product of the Polish brand Łuczniak - a sewing machine. What makes it so special? Well, it is with sewing machines that our history is connected, which is intertwined with the history of Poland. We would like to highlight four key dates in Łuczniak's rich history.

- **1925** - the beginning of the Radom-based Łuczniak Metal Works. That's when it all started - with the production of weapons, bicycles, grinders, milling and tapping machines, door locks, typewriters and a wide range of tools.
- **1948** - on the 30th anniversary of Poland's regaining of independence, Łuczniak Works begins production of lockstitch machines. This is a clear nod to the clothing industry.
- **1954** - new types of synthetic materials appear on the market, and their use allows the introduction of professional equipment outside the factory halls. So the Łuczniak plant releases the first sewing machines for home use. And it is since then that we have been in your homes. It was on the Archers that your great-grandmothers, grandmothers, mothers learned to sew, and now we come to you. Modern solutions introduced in the first models of sewing machines with the Archer logo on the body revolutionized the sewing process, giving its users the freedom of choice and convenience of use.
- In 1958, the supply of engines for machines was started by the ASPA Company from Wrocław. In time, the ASPA Group obtained a license to use the Łuczniak trademark, and then bought the rights to the brand.
- **2025** - our brand joins the ranks of 100 years old. On this occasion, we are launching a new line of "Tradition&Precision" sewing machines, combining the best features of the legendary Archers with modern solutions.

This is how this special anniversary machine from the "Tradition&Precision" line got into your hands. We are also giving you an instruction manual that will allow you to take full advantage of the possibilities your new machine offers. If, after reading it, you have any questions, please contact your dealer, our service center or Galeria Łuczniak showroom - we will be happy to provide you with advice and assistance.

We are delighted that you are joining the Archer Community, which creates styles and trends in home sewing. It is an honor for us to inspire the next generation. We do our best to make sewing not only fashionable, but also fun, creative and exciting.

We wish you many hours spent developing this extraordinary passion and realizing your own projects!

For a dose of inspiration, visit www.galerialuczniak.pl/pl/blog and www.luczniak.info.

Also be sure to visit the website of our store www.galerialuczniak.pl. There you will find the largest assortment of machines, sewing accessories and sewing accessories, as well as small household appliances for home, kitchen and beauty.

If you will be in Wrocław, don't forget to visit our showroom Galeria Łuczniak at Dlugosza 59-75 St. Its stylish decor and friendly atmosphere will make your shopping a real pleasure. You can also immediately make an appointment for sewing courses conducted by our specialists.

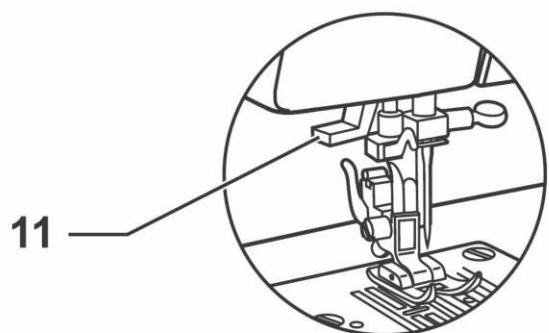
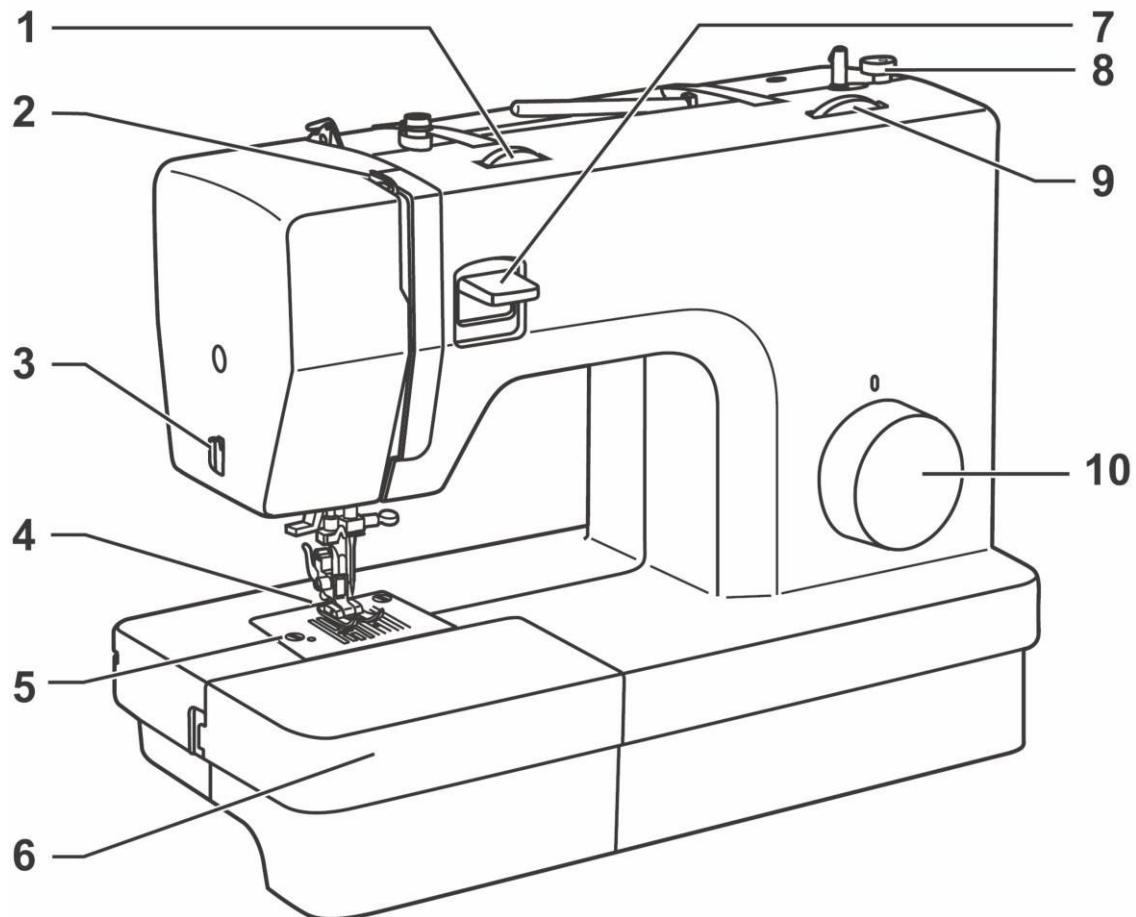


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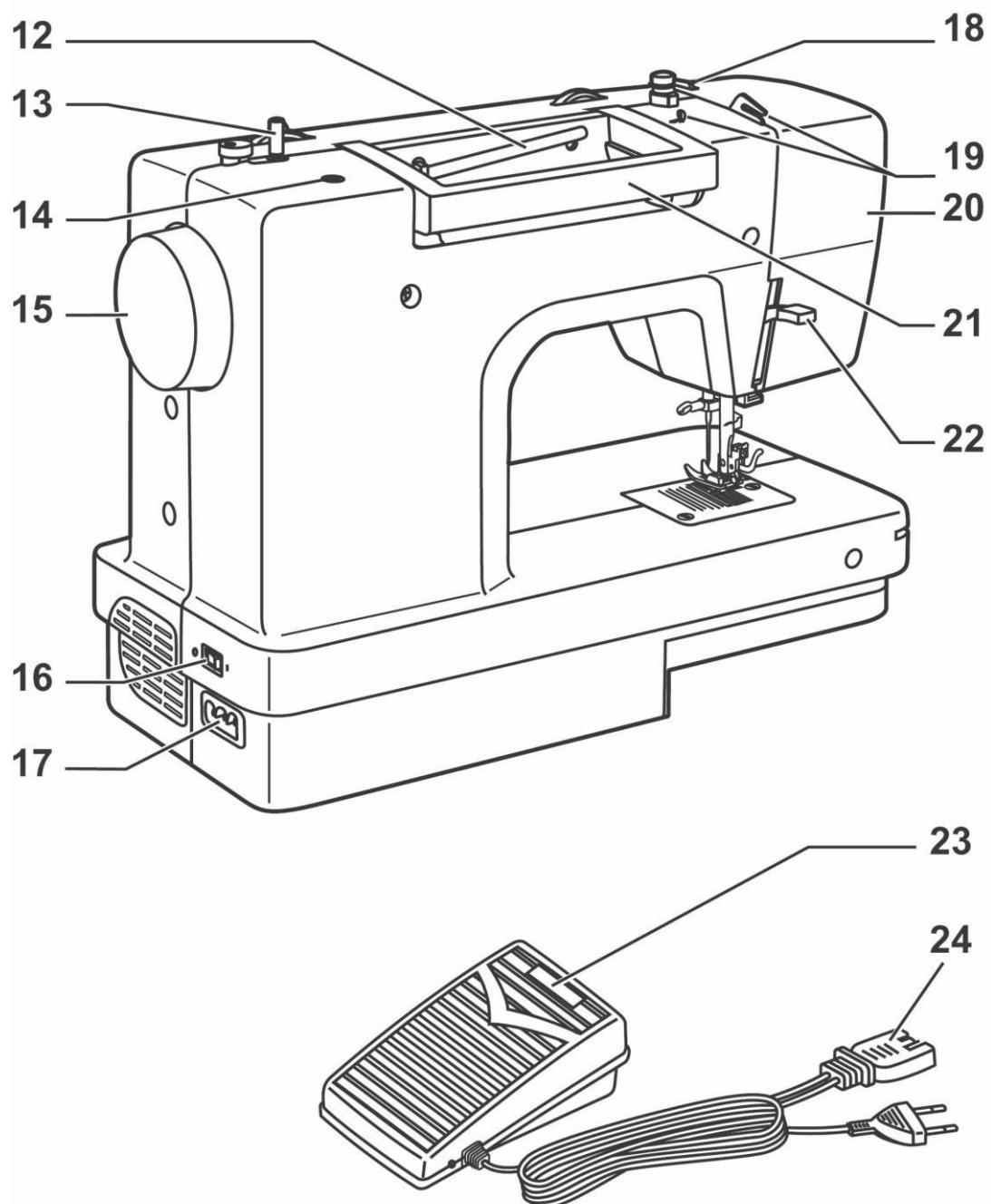
INTRODUCTION

Individual parts of the machine construction



1. Top thread adjustment knob
2. Movable gripper
3. Built-in thread cutter
4. Universal presser foot
5. Stitch plate
6. Pull-out housing element with accessory storage compartment
7. Reverse sewing lever
8. Winding limiter
9. Knob for stitch length adjustment
10. Stitch selection knob
11. Automatic threader on the needle

Individual parts of the machine construction



- 12. Horizontal mandrel for top thread spool
- 13. Bottom bobbin winding pin
- 14. Hole for additional stylus (additional stylus is in the accessory drawer)
- 15. Handwheel
- 16. On/off switch
- 17. Power socket
- 18. Winding thread guide
- 19. Top thread guide
- 20. Front housing
- 21. Retractable carrying handle
- 22. Lever for lowering and raising the footer
- 23. Speed controller
- 24. Power cable

Connecting the machine to a power source

Attention:

When the machine is not in use, its main cable should be disconnected from the power source. If in doubt about connecting the machine to a power source, consult a qualified electrician.

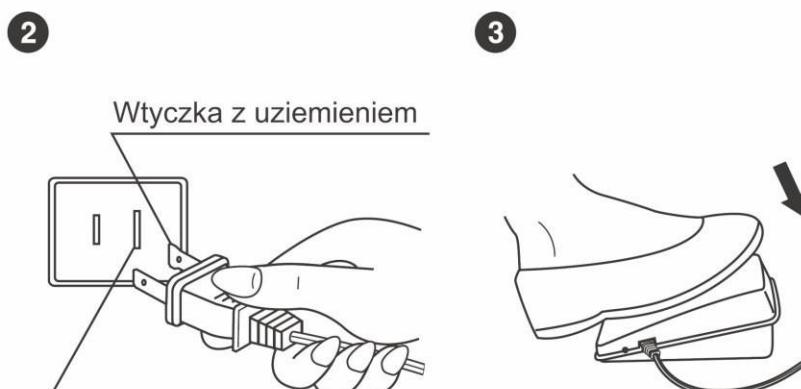
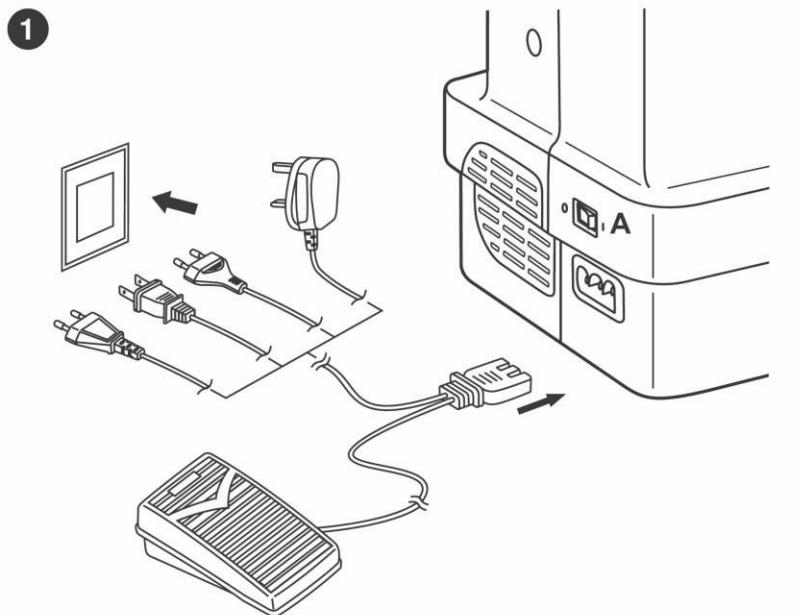
Connect the machine to a power source as shown in the illustration (1). The machine is equipped with a polarized plug, designed only for adequate electrical outlets (2).

Commissioning the machine and lighting

Switch the machine switch (A) to the "I" position to turn on the lights and the machine. When the machine is turned on, pressing the speed control will start the machine - sewing, or threading. When interrupting work for a while, for example, to change the needle, turn it off (switch the switch back to the "0" position).

Speed controller

The foot speed regulator (pedal) starts the sewing process, or rewind. It allows you to control the speed of sewing, the harder you press the regulator, the faster the machine will run.



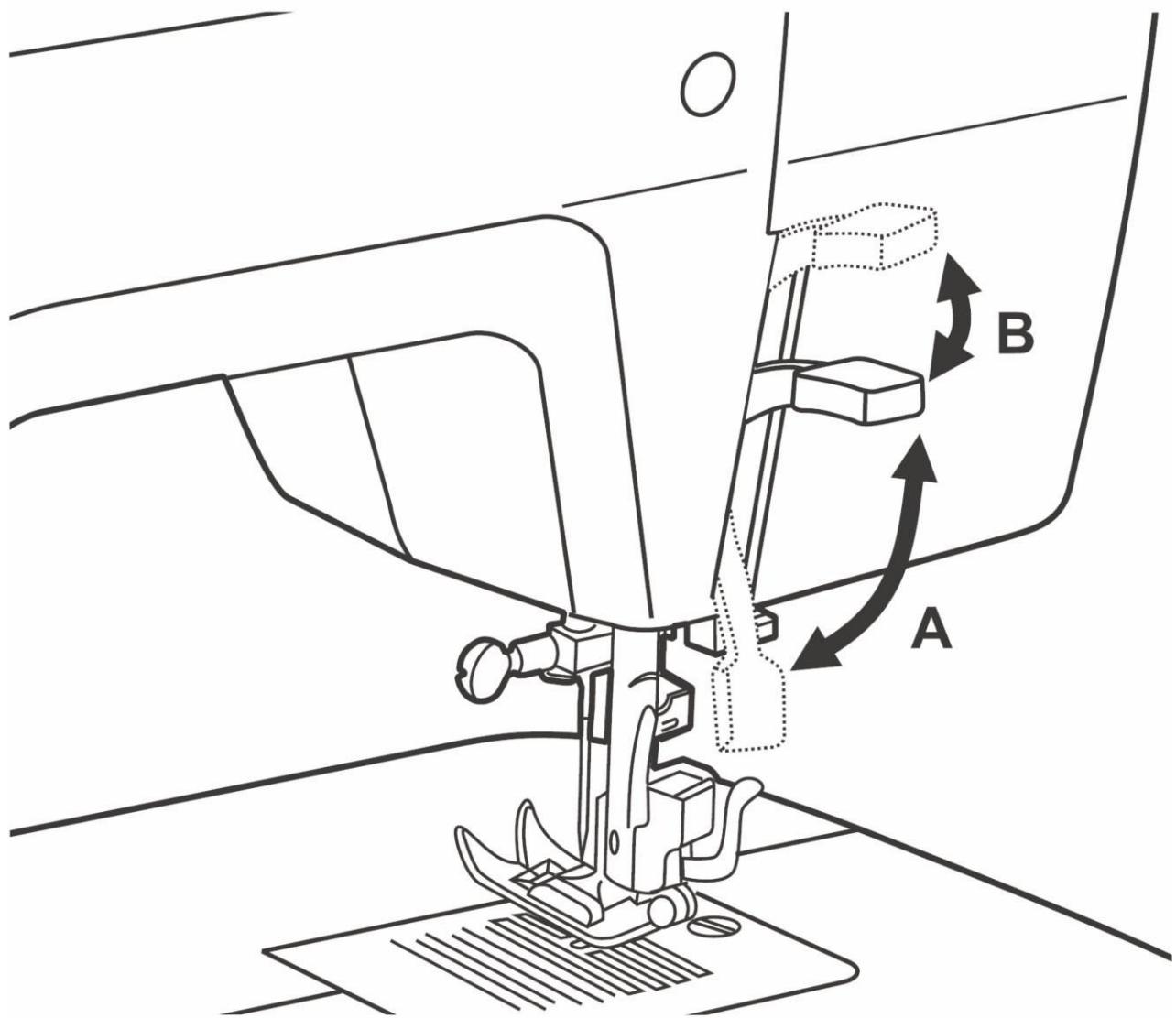
Pamiętaj o używaniu gniazda z uziemieniem

Two-stage foot lift

The foot lift (A) allows the machine's presser foot to be raised and lowered.

When stitching several layers or sewing with thicker materials, the foot can be raised to the second level. (B)

Before sewing, the foot must always be lowered.



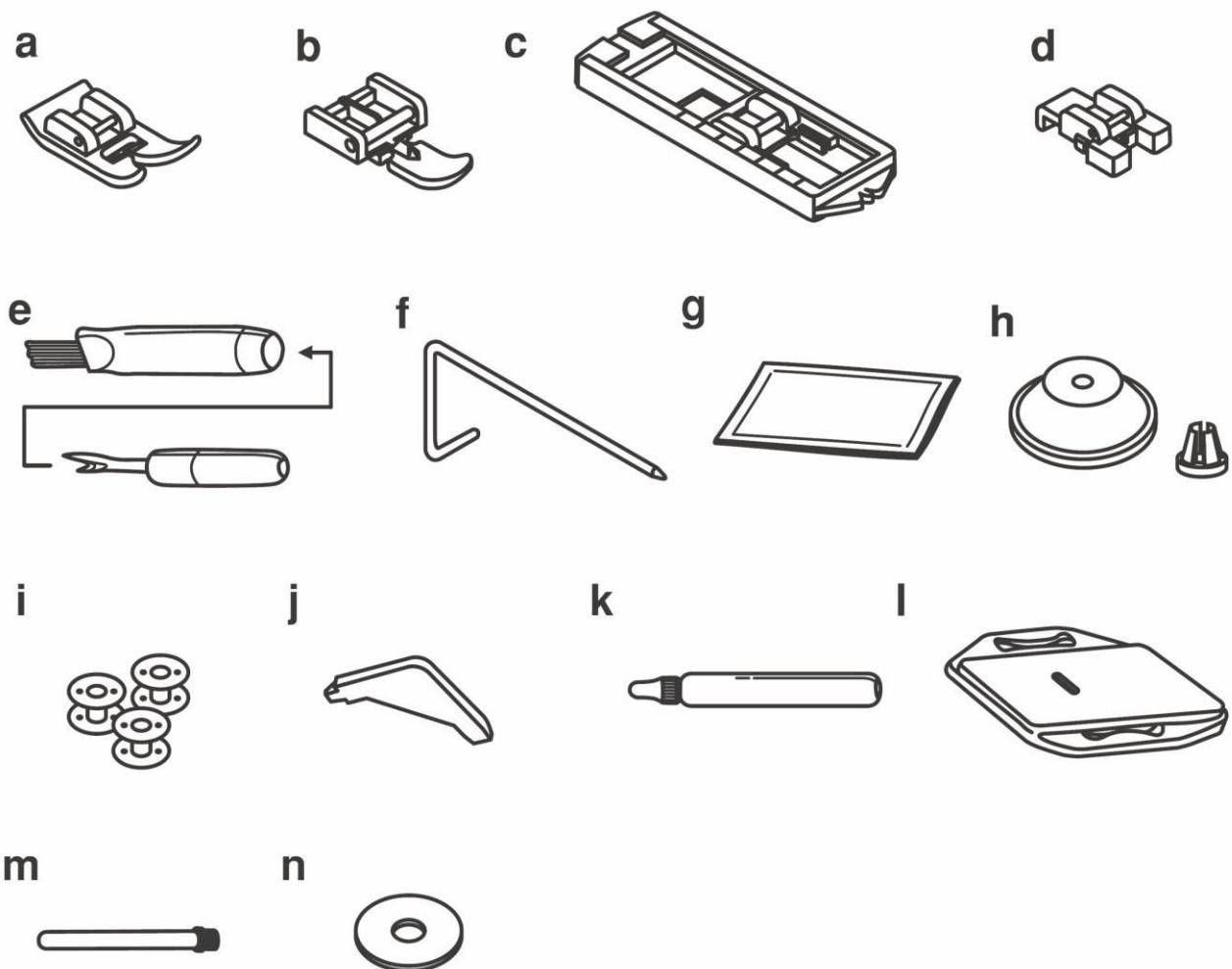
Accessories

The listed items are located in the accessory storage compartment.

Standard equipment (1)

- a. Universal footer
- b. Zipper sewing foot
- c. Buttonhole shoe
- d. Button sewing foot
- e. Prujka with brush
- f. Quilting guide
- g. Spare needles
- h. Top spool pin stops
- i. Bobbins (x3)
- j. Screwdriver
- k. Olive oiler
- l. Plate covering the teeth of the conveyor
- m. Additional pin
- n. Spool pad

1 Standard equipment



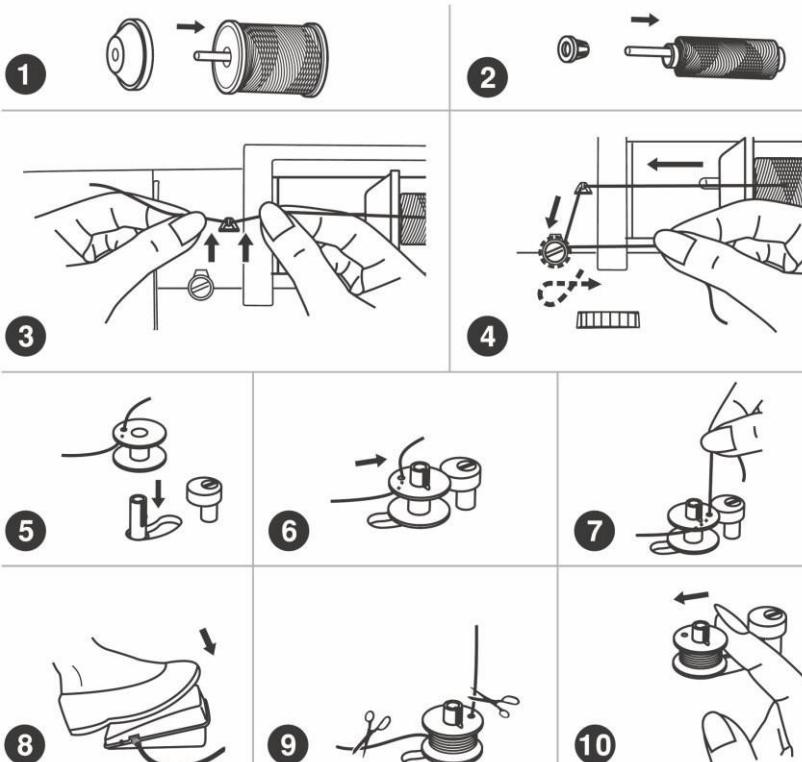
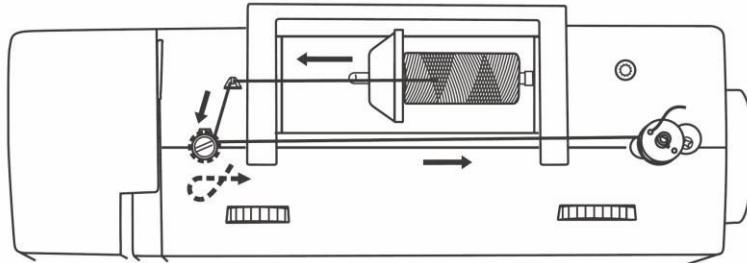
SETTINGS

Winding thread on the bobbin of the reel

- Place the spool with the matching stop on the mandrel (1/2)
- Pull the thread through the guide (3)
- Wrap the thread around the tensioner clockwise (4)
- Thread the bobbin of the drum from inside, as shown in the picture, and scoop on the winder (5)
- Move the bobbin winder to the right (6)
- Turn on the machine
- Hold the end of the thread (7)
- Press on the speed controller (8)
- Release pressure on the adjuster after a few turns and cut the held end of the thread as close to the bobbin as possible. Press the regulator again. When the bobbin is full, it will start rotating more slowly and . Release the pressure and cut the thread (9)
- Move the winder to the left and remove the bobbin in an upward motion (10)

Attention:

As long as the bobbin winder is in the winding position (right), the machine will not sew and the handwheel will remain locked. Remember to move the winder to the left to start work.



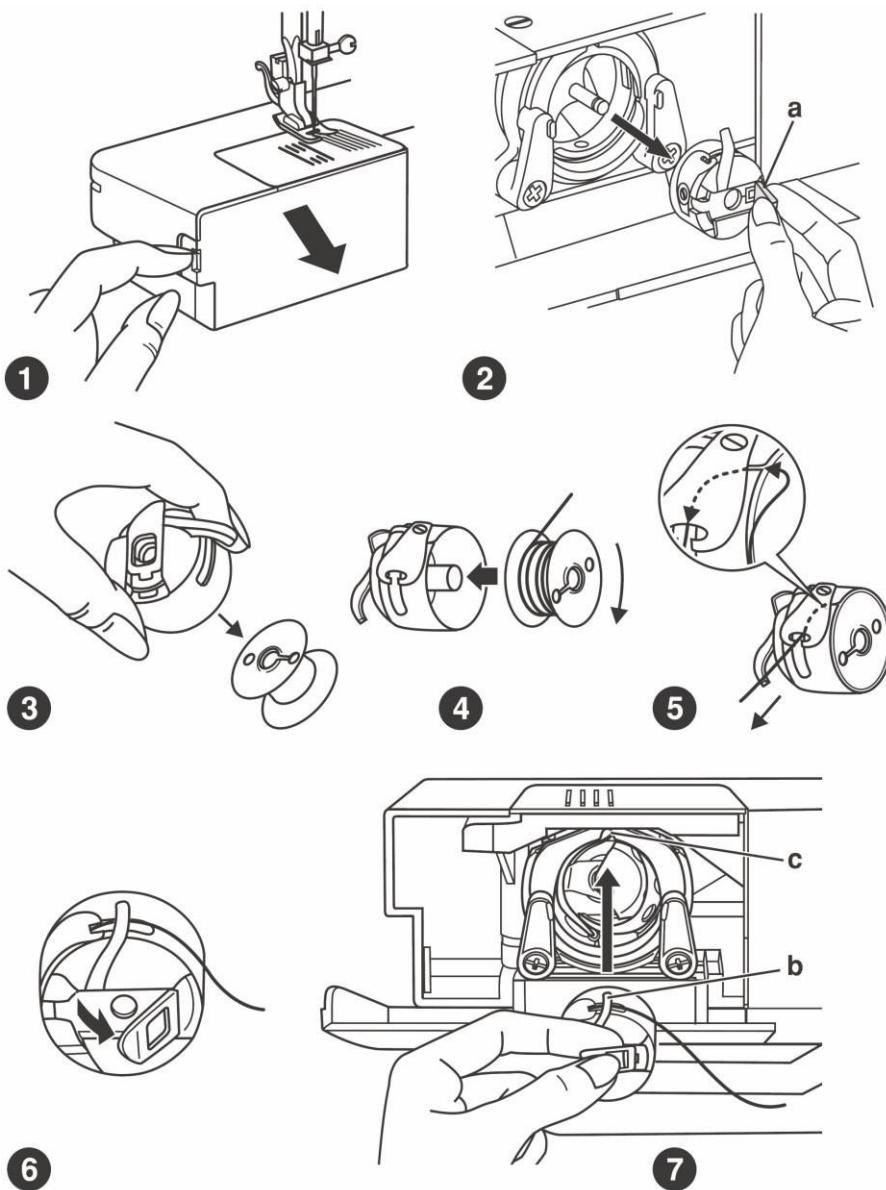
Installation of the bobbin in the drum

Attention:

Switch the machine's switch to the "O" position before inserting or removing the bobbin.

When inserting or removing the bobbin, the needle must be in the highest position.

- Open the gripper cover (1)
- Grab the drum by the handle (a) and pull it outward. (2)
- Remove the old bobbin from the drum. (3)
- Insert the new bobbin into the drum in such a way that the thread counterclockwise.
- Insert the thread into the slot of the drum so that it comes out through its eyelet. Pull out a few cm of thread on the ze- inside of the drum. (5)
- Grab the bobbin by the handle on the back. The tilted handle will hold the bobbin upright. (6)
- Place the drum in the gripper chamber. Make sure that the protruding metal part of the drum (b) pauses to the notch in the top of the picker (c) as . (7)
- Close the gripper cover



Attention:

If the drum is not properly installed in the gripper, it will fall out of the shuttle as soon as you start sewing.

Thread tension

Top thread tension adjustment (1)

The standard, most commonly used tension setting is "4". (2) To increase the tension, set the adjuster to a higher value.

To reduce the tension, set the regulator to a lower value.

- A. Proper tension
- B. Tension too low
- C. Tension too high

Adjusting the bottom thread tension (2)

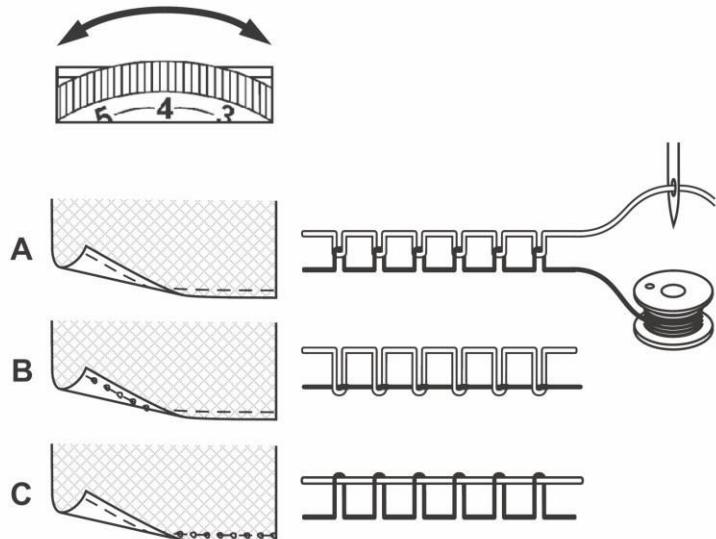
Attention:

The tension of the bottom thread (in the drum) has been set at the factory and usually does not need to be adjusted.

To check the tension of the lower thread, remove the tumbler and shake it lightly three times by the thread. If the tension is correct, the thread should extend 5-10 cm and hang down. If the tension is too low, the thread will unwind completely and the tumbler will not hang.

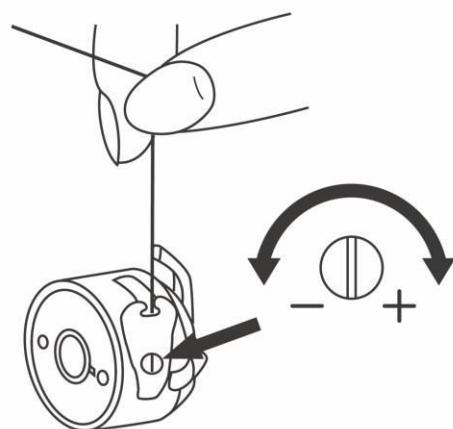
If the tension is too high, the thread will slide out with difficulty or will not slide out at all.

To improve the tension, delicately tighten the screw in the drum with a screwdriver.



1

2



Threading the top thread

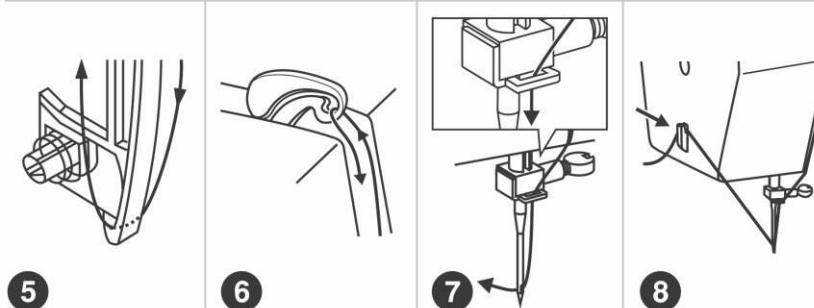
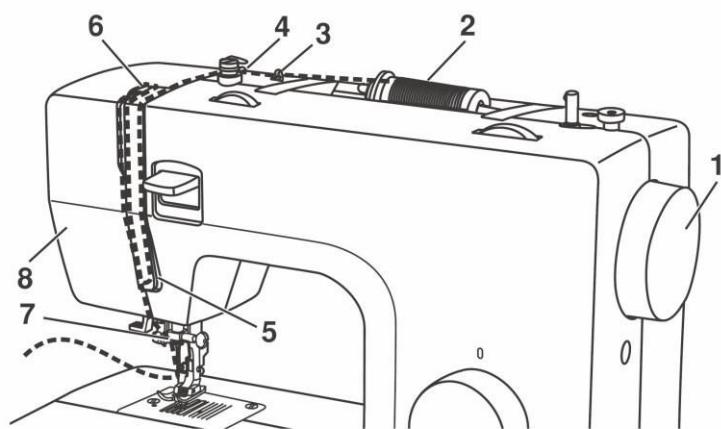
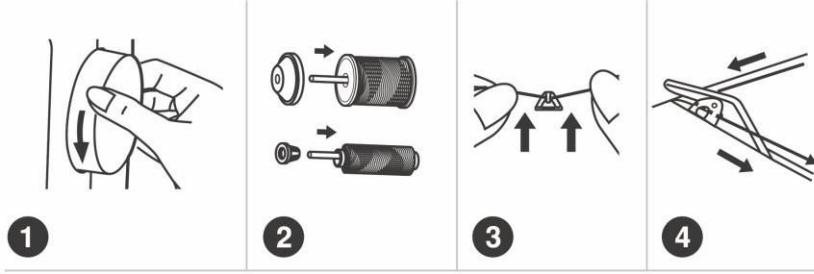
Attention:

As long as the bobbin winder is in the winding position (right), the machine will not sew and the handwheel will remain locked. Remember to move the winder to the left to start work.

- Start by raising the needle with the handwheel to its highest position (1) and continue turning the handwheel toward you until the needle begins to drop slightly. Raise the presser foot.
- Lift the spool arbor. Place the spool of thread on the spool arbor and apply a stop suitable for the spool size (2)
- Place the thread in the guide (3) and pull it through the tension spring as shown (4)
- Guide the thread down the right channel of the tensioner module and up the left channel. (5) During this step, it is best to hold the thread between the bobbin and the guide
- At the end of this move, pull the thread from right to left through the eyelet with a slot in the lifter, and then lead it down again (6)
- Then run the thread past the hook above the needle and down toward the tip of the needle
- Pull out about 15-20 cm of thread and feed it through the eye of the needle towards the back of the machine. Trim the thread with the cutter in the housing (8).

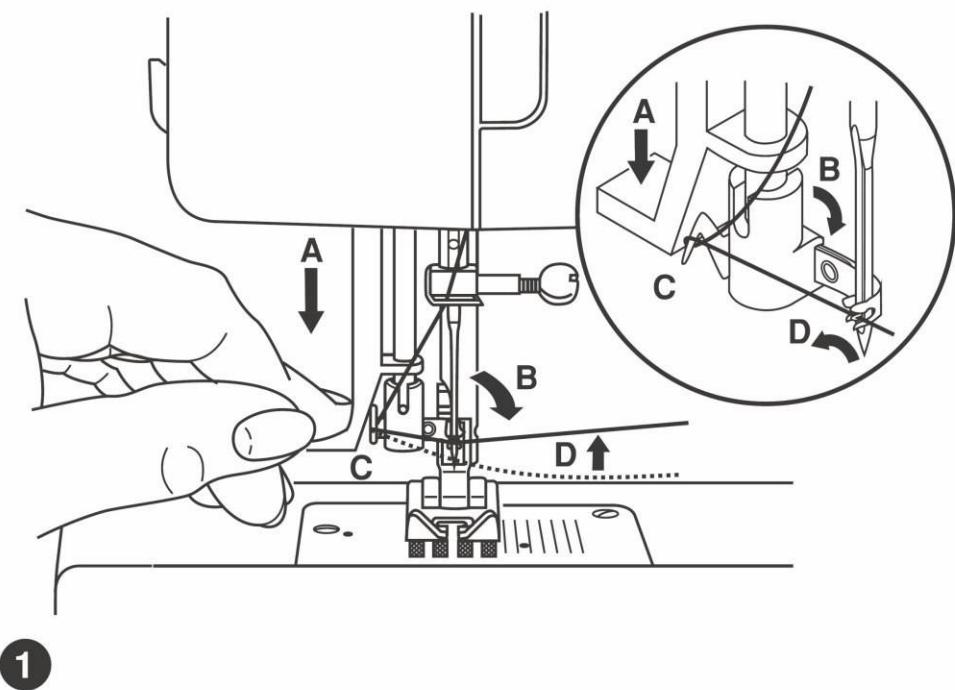
Attention:

If your machine is fabrily equipped with an automatic filling machine, refer to the instructions for its use in the next section.

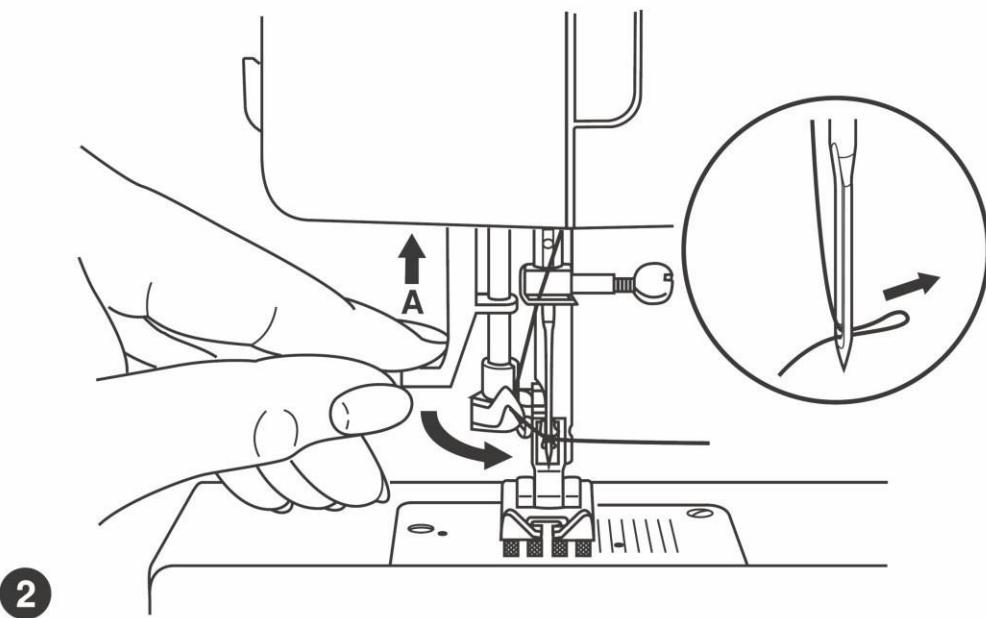


Operation of the automatic threader

- Adjust the needle to its highest possible position.
- Pull out the threader by pressing on the lever (A)
- The threader will automatically turn to the correct position (B)
- Place the thread on the threader hook (C)
- Hold the thread perpendicular to the needle, at the height of the eyelet (D), so that the threader can engage it. Insert the thread between the teeth of the threader by making a gentle movement from bottom to top. The small hook of the threader, which passes through the eye of the needle, curves downward. You will feel resistance on the thread if it has been placed under the hook.
- Release pressure on the threader lever (A)
- Pull the stranded thread to unroll the loop (2)



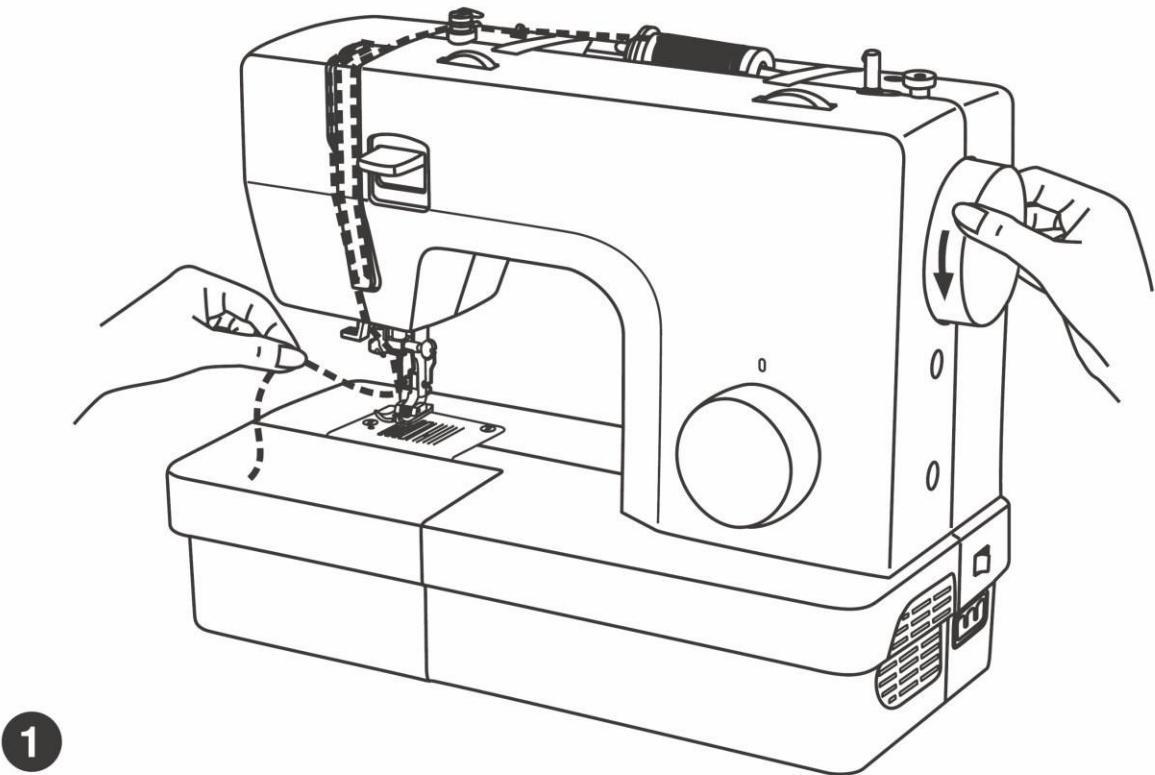
1



2

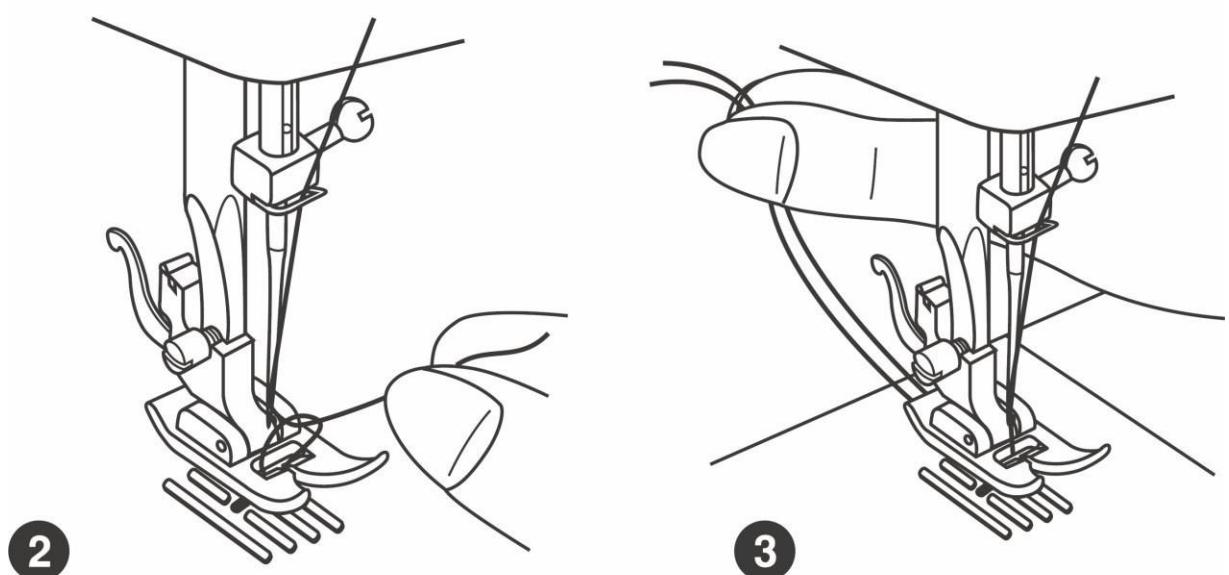
Pulling out the bottom thread

Hold the upper thread with your left hand. With your right hand, turn the handwheel (1) toward you until the needle drops and rises, taking the lower thread with it.



Gently pull the held thread towards you to slide the bottom thread out of the hole in the stitch plate (2).

Grab both threads and put them under the foot to the back (3).



STITCHING

How to choose a stitch

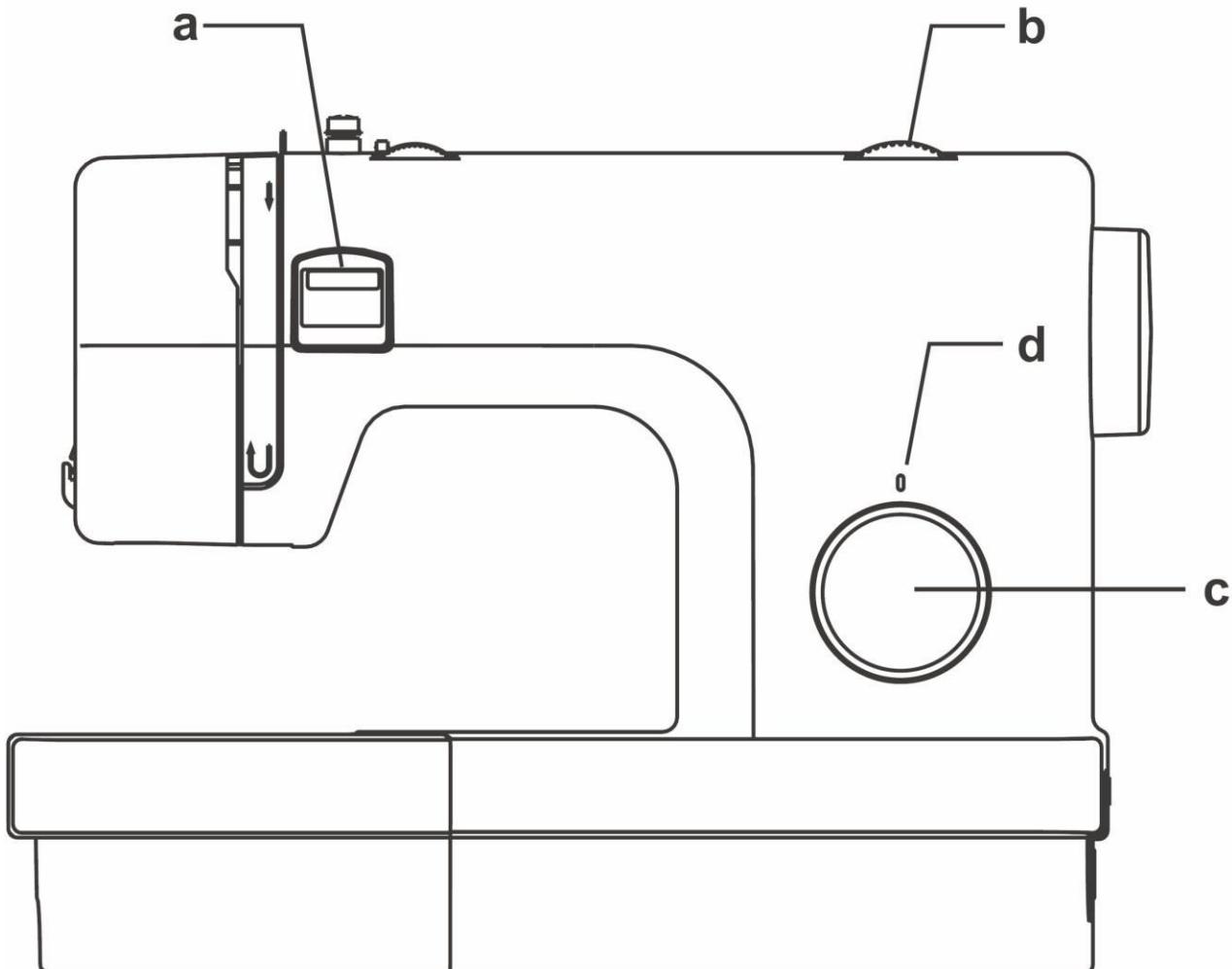
Pick up the needle.

Turn the stitch selection knob (c) to select the desired stitch. Each of the stitches whose symbols can be seen on the machine housing has an assigned letter. Select a letter by positioning it under the indicator (d).

Adjust the stitch length with the length adjuster (b)

To select a stretch or overlock stitch (from the group marked S1), set the stitch length selection knob (b) to the S1 position - it is below 0.

- a. Reverse sewing lever
- b. Stitch length adjuster
- c. Stitch length selection knob
- d. Indicator



Adjustment of stitch length and width

Stitch length adjustment

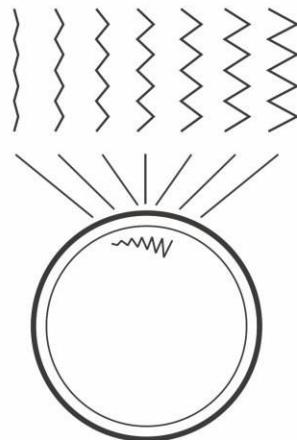
Set the desired stitch on the stitch selection knob. Turning the stitch length control will produce the finer the stitch, the smaller the value it indicates. The larger the selected value, the more elongated the stitch will be (3). That is, a smaller value of length = a more dense stitch.

It can be assumed that longer stitches are useful for sewing with thicker materials and when sewing with a thicker needle and thread, and finer stitches for sewing with delicate materials, using thin needles and thread.

Zigzag stitch width adjustment

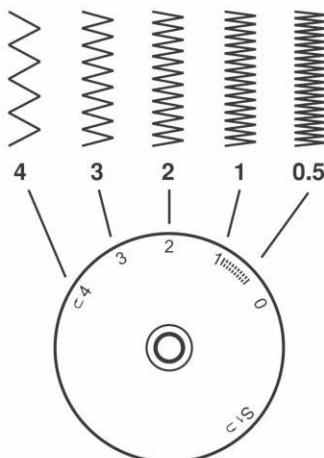
The Polonia 2018 machine allows you to adjust the width of the zigzag stitch using the stitch selection knob - as shown in Figure 1. The wider the zigzag is selected on the stitch selection knob, the wider the stitch the machine will sew.

Regulacja szerokości ściegu zygzak



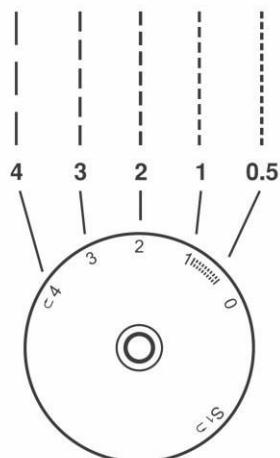
1

Regulacja długości ściegu zygzak



2

Regulacja długości ściegu prostego

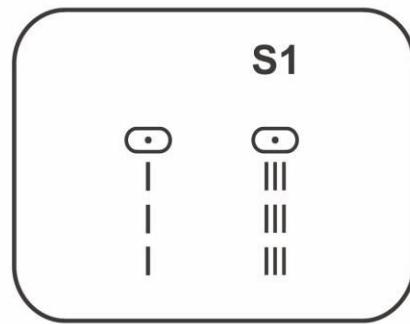


3

Straight stitch sewing

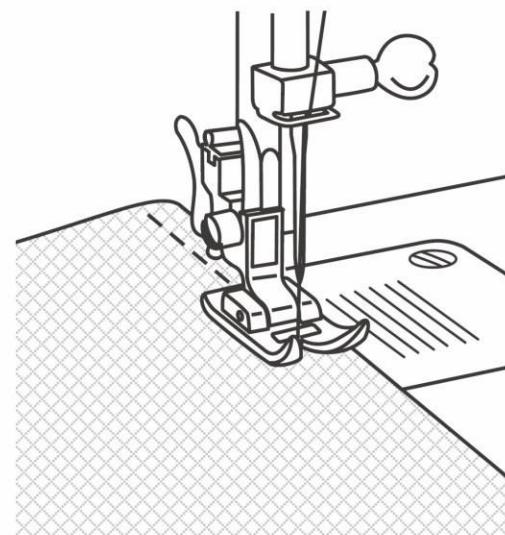
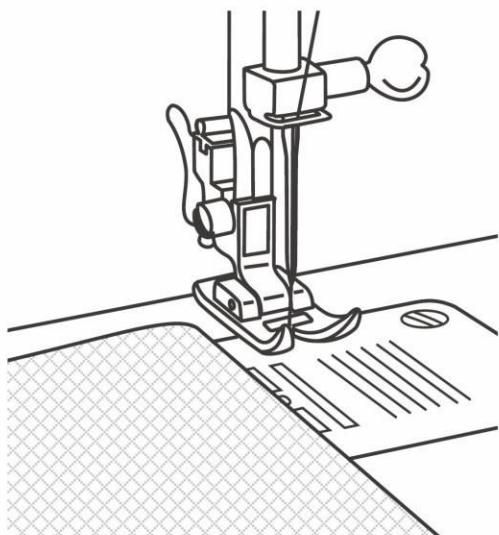
To start sewing, set the stitch selector knob to straight stitch. (1)

1



Raise the presser foot and place the fabric underneath it so that its edge is parallel to any of the lines drawn on the stitch plate (2) or so that the needle starts sewing at the point of the auxiliary line drawn on the fabric.

Lower the presser foot and press down on the foot speed control to start sewing. (3)



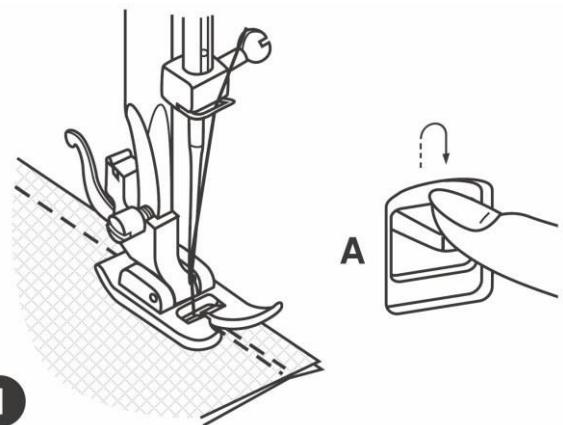
2

3

Backstitching

To protect the beginning and end of the fabric from rippling, press the machine's reverse sewing lever (A) down as far as possible and hold.

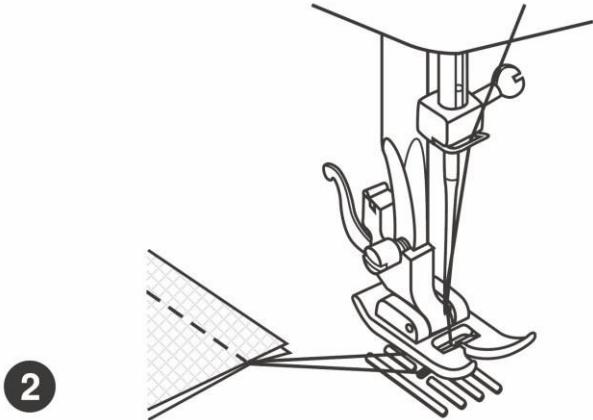
Do a few stitches. Release the reverse sewing lever to start sewing forward again.



Finishing the sewing and extending the fabric

Rotate the handwheel toward you so that the needle is in the highest position.

Lift the presser foot of the machine and remove the material from underneath by pulling away from you towards the back of the machine (2)

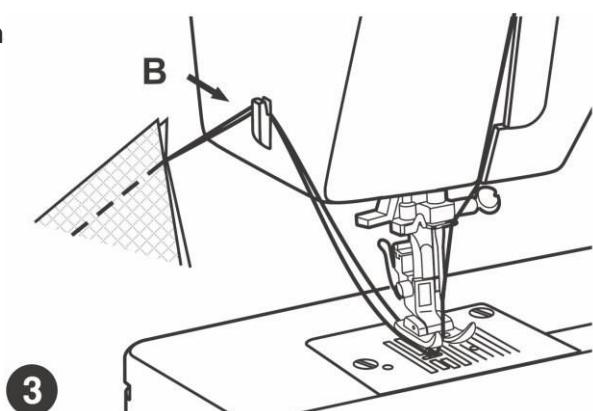


Thread trimming

Pull the threads under the foot towards the back of the machine.

Guide the threads to the left upward and pull through the slot with the knife (B).

Pull down (3)



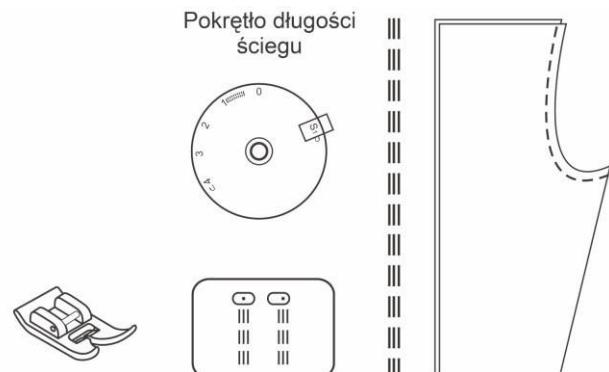
Elastic and overlock stitches

To select a flexible stitch pattern, turn the stitch selector knob to the desired stitch, and set the stitch length control to the S1 position. There are many types of elastic stitches, below are two examples:

Straight triple stitch

The machine will sew two forward stitches and one backward stitch, starting front-backward-front, i.e. hemming with this stitch is slower than with a regular straight stitch.

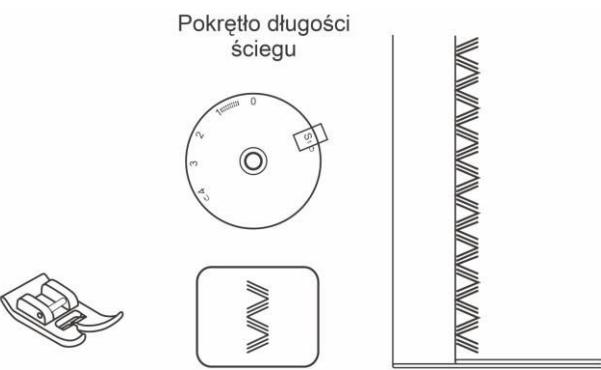
Set the stitch selector knob to the "III" symbol. It is used for sewing for elasticity and for creating durable seams.



1

Triple zigzag

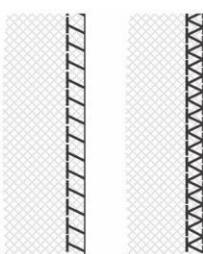
Set the stitch selector dial to the "Z" symbol. The triple zigzag stitch is suitable for sewing with fabrics such as denim, corduroy and poplin. It is strong and very flexible.



2

Flexible overlock stitch

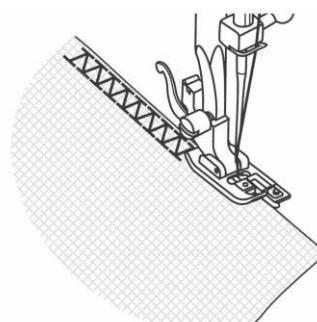
We use for edging of knitted products (elastic materials) (A).



A

Double overlock stitch

We use for edging of fabric and knitted products (B).



B

Sewing with covered stitch

 Cover stitch for knitted

fabrics.  Cover stitch
for woven fabrics.

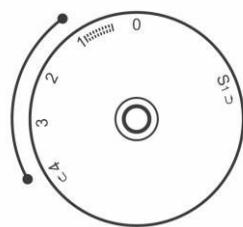
Set the stitch length within the range shown in the figure. Covered stitches are usually made at higher stitch length settings.

In general, denser stitches are used for thinner materials, and looser stitches are used for thicker materials.

Attention:

Do some test stitching on an unsuitable scrap of the same fabric to make sure the settings are correct.

Pokrętło długości ściegu



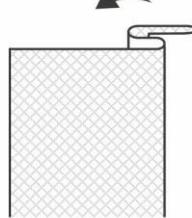
Wrap the edge of the fabric to the desired width and fold.

Fold back as shown in illustration (1) on the left side of the fabric. A piece of about 7 mm of the right side should stick out at the end of the fold.

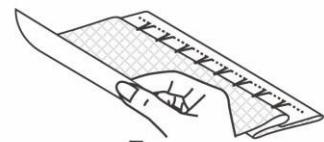
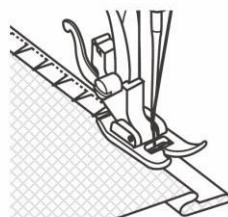
Slowly start sewing along the fold, making sure the needle reaches the scrap of the folded edge to catch both layers of fabric (2).

Turn the fabric over when you're done rolling it up and unravel it.

1



2



4-step buttonhole hemming

- Remove the universal foot and replace it with a foot for buttonhole hemming. Mount the foot so that the graduations on it are on the left side. Pass the top thread through the hole under the bottom of the foot.

- Measure the diameter of the button and the thickness of the button. Add 0.3 cm of seam thickness to its length to get the correct hole dimensions. Mark the planned hole size on the fabric. (a)

- Place the fabric under the foot in such a way that the marking on the foot is adjacent to the starting point of the buttonhole marking on the fabric. Lower the foot so that the drawn line of the buttonhole marking in the center of the foot. (b)

- Set the stitch length selection control between 0 and 0.5 to adjust the stitch density.

Attention:

The density of the stitch should depend on the type of fabric. Always test hemming a hole in advance on an unnecessary scrap of the same fabric.

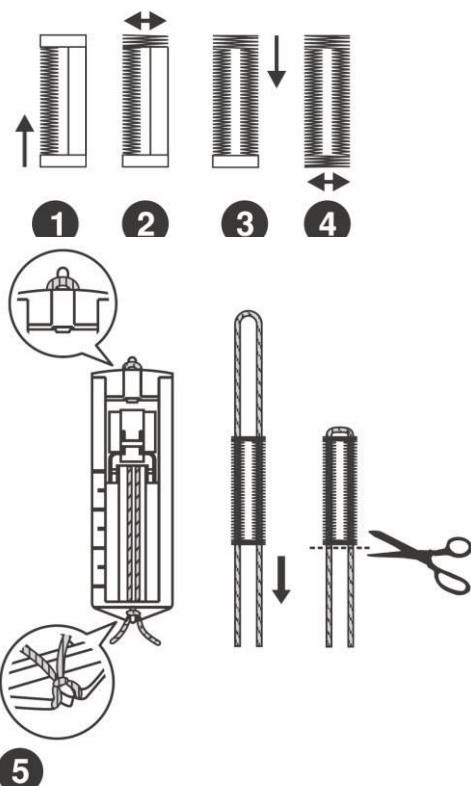
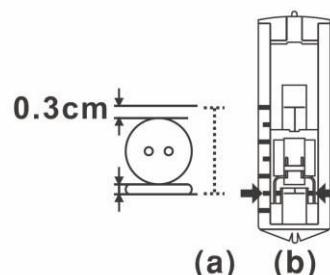
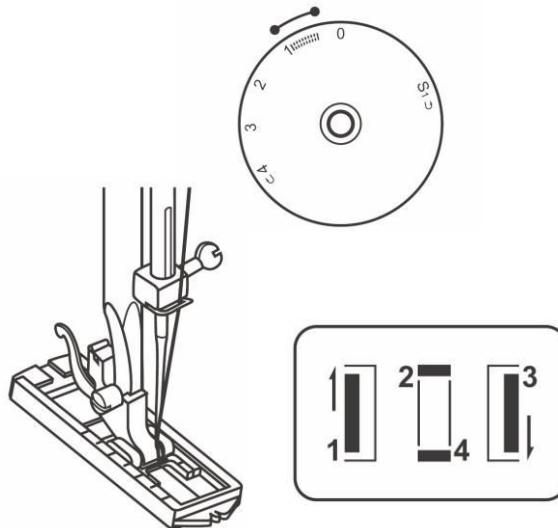
Follow the 4-step procedure, switching between steps by turning the stitch selection knob. Be careful that the needle is always raised before moving to the next step. Be careful not to make too many stitches in steps 2 and 4.

Use a ripper to cut the fabric inside the hem, cutting sequentially from both sides toward the center of the hole. Be careful not to overstitch the seams.

Tips:

- Slightly reducing the tension of the top thread results in a better hemming result
- Use a stabilizer, such as interlining, when working with delicate or stretchy materials
- It is advisable to use a thicker thread or twine (5) for hemming holes in tricot or stretch fabrics

Pokrętło długości ściegu



Sewing on buttons

Install the plate covering the conveyor teeth. (1)

Change the presser foot to a foot designed for sewing buttons.

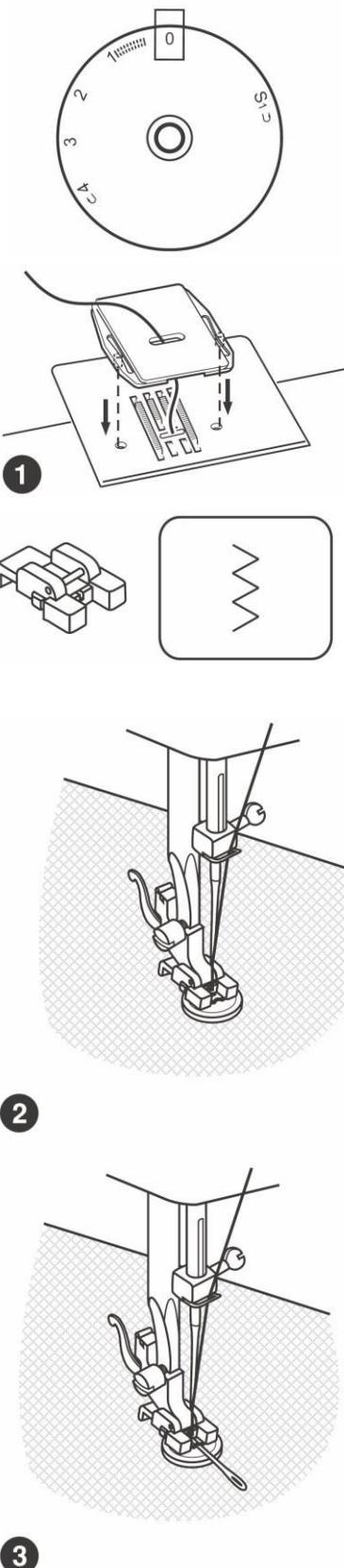
Place the material under the footer

Insert the button between the bead and the fabric, placing it in the desired position so that the holes are between the blue ends of the bead and lower the bead.

Attention:

Before you start sewing, always make a few stitches with the handwheel to properly match the width of the zigzag stitch to the buttonhole spacing!

Pokrętło długości ściegu



Set the stitch selection knob to zigzag stitch [symbol] and stitch a few times for security. Select the zigzag stitch adjust its width to the distance of the buttonholes from each other.

Turn the handwheel toward you to check that the needle passes exactly through the left and right buttonholes.

Carefully sew the button with about 10 stitches. Set the stitch selector knob again to straight stitch [symbol] with the appropriate needle position setting and sew for a moment, creating several safety stitches (2).

If you want to create a button on the so-called "Stand", before sewing the button, place a hand sewing needle or pin (3) on it by driving it into the foot between the buttonholes.

To sew a button with four holes, first do the sewing on the holes on the front, and then repeat the same on the other two.

Sewing in locks

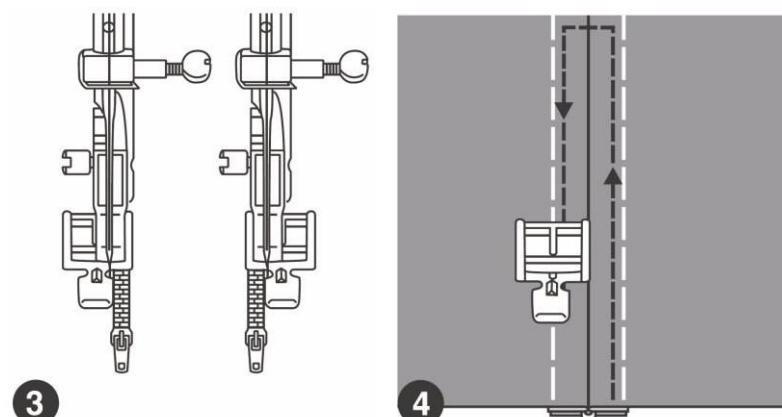
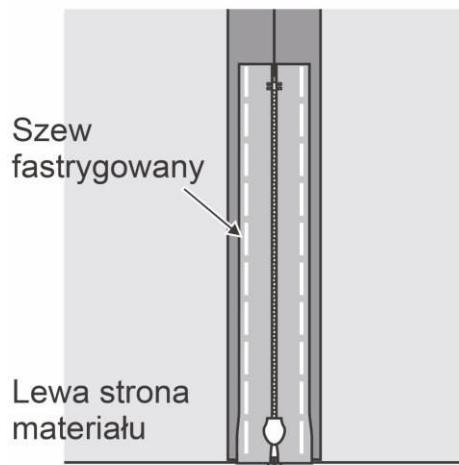
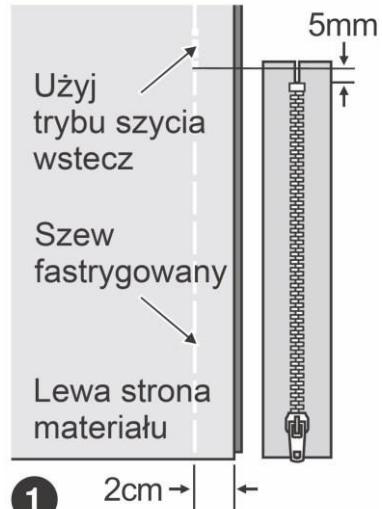
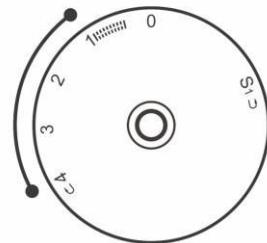
The zipper sewing foot is used to sew visible sparkle zippers to garments. To sew the zipper:

1. Remove the universal foot and replace it with a zipper sewing foot. Fasten the foot on the left or right side, depending on which side you want to start sewing the zipper from.
2. Adjust the machine settings as shown in the illustrations. Select a straight stitch. Set the stitch length control between 1 and 4, depending on the thickness of the sewing fabric.
3. Set the zipper sewing foot to the right or left position, depending on the side of the foot from which the zipper will be sewn. (1)
4. To sew the zipper pull the needle into the material, raise the presser foot and push the zipper past the foot. Lower the foot and continue sewing.

Using a zipper sewing foot, you can also sew a string or thick elastic into the edge to create a kind of welt. (2)



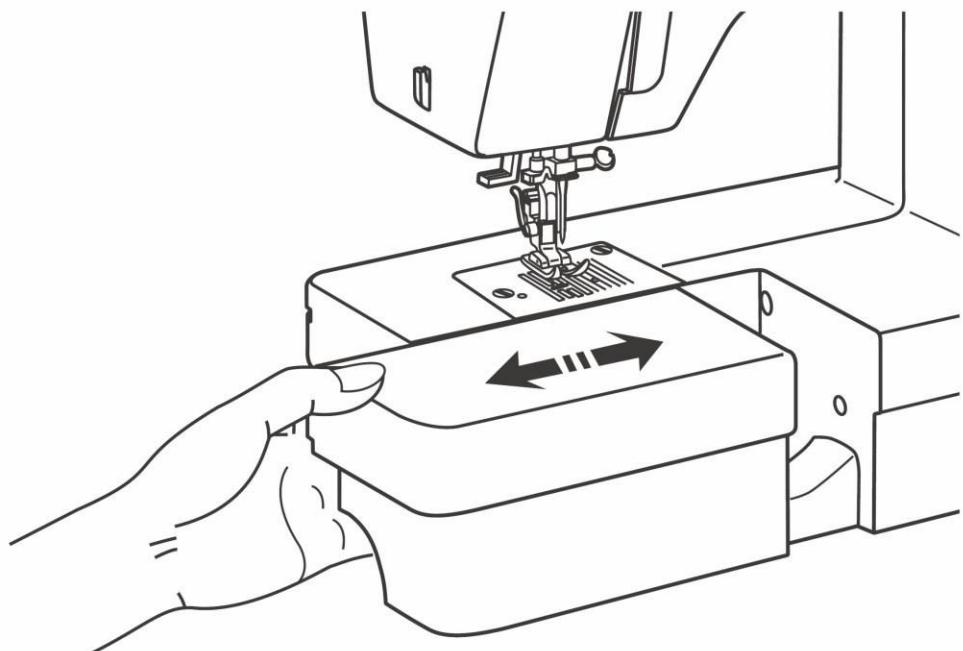
Pokrętło długości ściegu



GENERAL INFORMATION

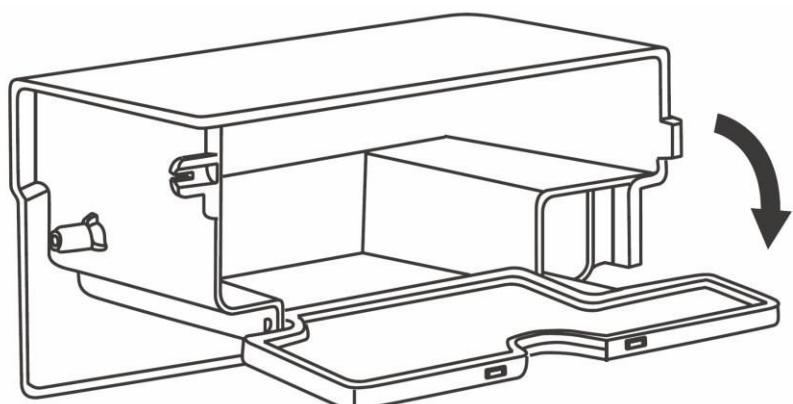
Free arm and accessory storage

Maintaining the horizontal position of the table extension, push or pull the clipboard according to the arrows in the figure. (1)



1

The inside of the extension can be used as a storage compartment for machine accessories. To create a storage compartment, open the lid as shown in the figure.



2

Replacing the presser foot

Attention:

Before performing the operations below, turn off the machine ("O" setting)

Raise the foot pin (a) with the lever. (1) Install the foot holder (b) as .

Mounting the footer

Place the foot under the handle (b) so that the handle cutout (c) is perfectly above the attachment point (d) in the foot. (2)

Press the handle lever. (e)

Lower the bead holder (b) allowing the bead (f) to automatically connect to the holder.

Removing the footer

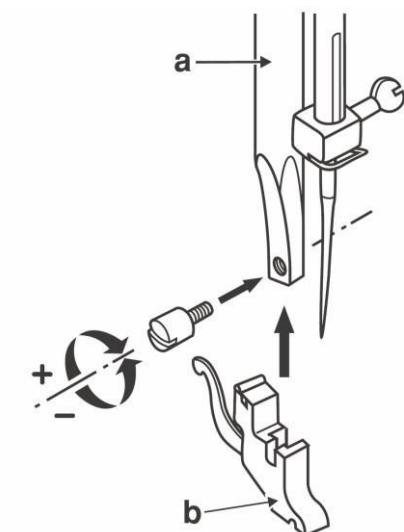
Raise the footer. (3)

Press the foot holder lever (e). The bead will detach automatically.

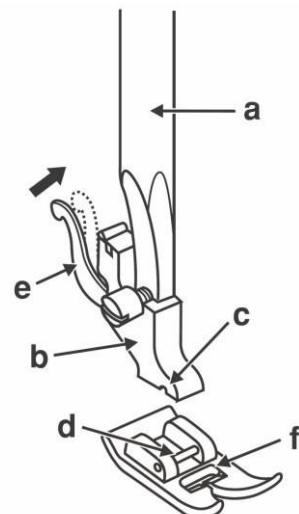
Installation of the quilting guide

Insert the quilting guide (g) into the hole located at the top of the foot holder.

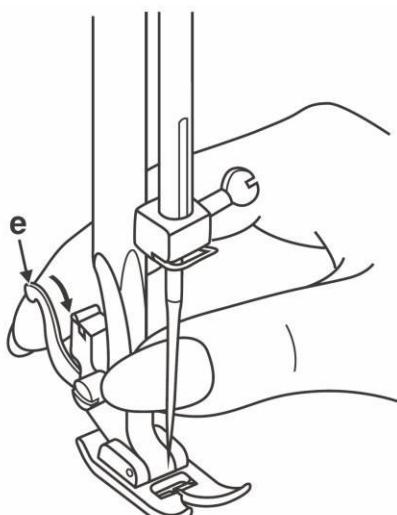
Set the guide to the desired length (4).



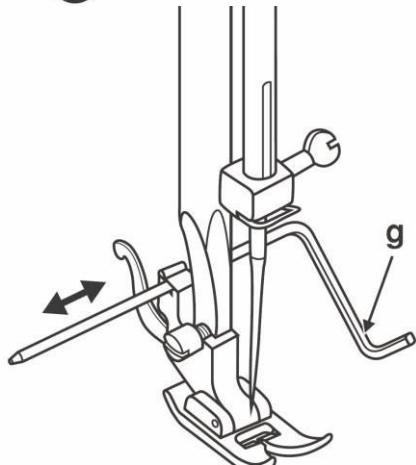
1



2



3



4

Selection of needle and thread for the type of

SIZE OF THE NEEDLE	TEXTILES	NiĆ
9-11(65-75)	Lightweight fabrics - fine cotton, voile, serge, silk, muslin, quiana, interfacing, binding, tricot, jersey, crepe, woven polyester, shirt materials.	Thin and fine cotton, nylon or polyester thread.
12 (80)	Medium heavyweight cotton fabrics, satin, hard cotton fabric sailing canvas, double woven knits, lightweight wool fabrics.	Most of the threads sold are medium-thickness threads, suitable for these fabric groups and needle sizes. The best results come from using polyester threads for synthetic materials and cotton threads for fabrics
14 (90)	Medium weight cotton fabrics - Cotton canvas, wool fabrics, heavier woven fabrics, terry fabrics, thin denim.	Made of natural yarns. Always use the same thread as the top thread as well as the bottom thread.
16 (100)	Heavy canvas type fabrics, wool fabrics, tent and quilting fabrics for outdoor use, denim, upholstery fabric (light to medium weight).	

IMPORTANT: Select needle size according to thread thickness and type of material

Selecting the needle for the type of material

IGELS	EXCLUSIVE	FABRIC TYPE
HA 1 15 1	Standard sharp needles, In sizes from thin to large: from 9 (65) to 16 (100)	Natural yarn materials - wool, cotton, silk, etc. quiana. Not recommended for double woven materials.
15x1/705H(SUK)	Sharpened hemispherical needles: from 9 (65) to 16 (100)	Natural fabrics, synthetic fabrics, blended with polyester. Knitted fabrics - Polyesters, interfacing, tricot, double or single woven. They can be used instead of 15x 1 needles for sewing all fabrics.
15x1/705H(SUK)	Sharpened solid ball needles: from 9 (65) to 16 (100)	Sweater knits, lycra, stretch fabrics for swimwear.
130 PCL	Skin needles: 12 (80) to 16 (100)	Leather, vinyl, upholstery material (leaves smaller holes than standard needles).

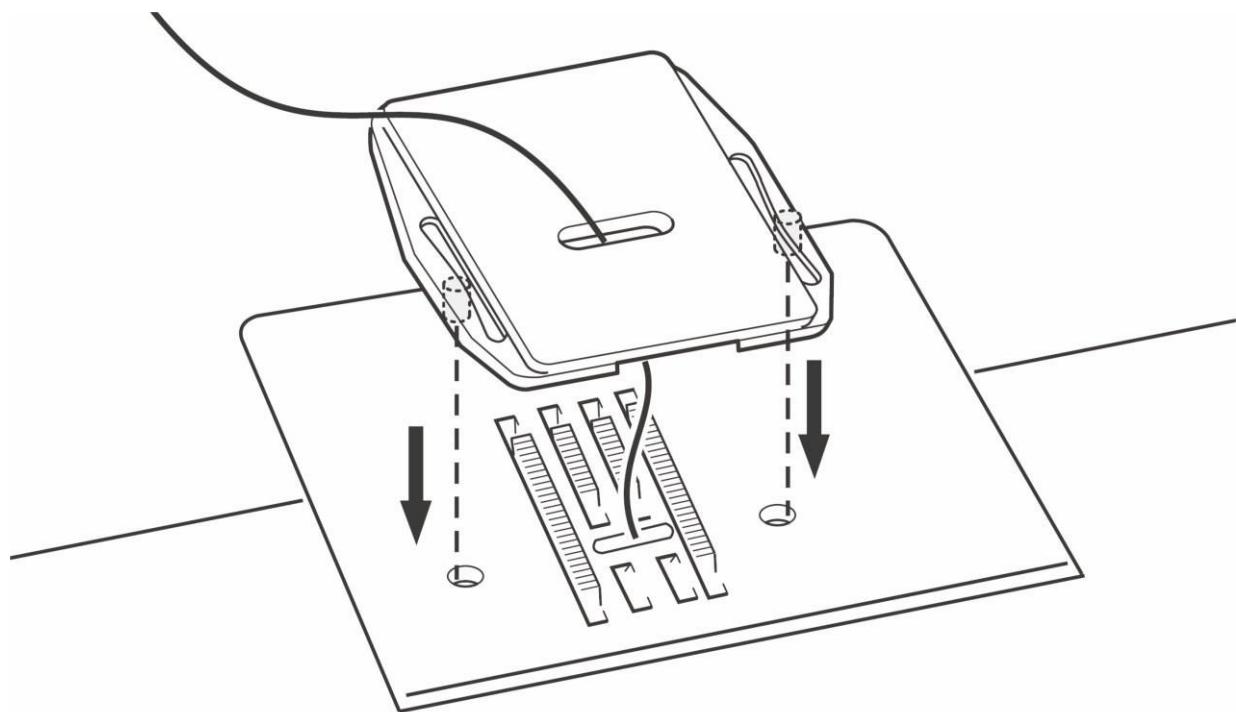
Attention:

1. Needle sizes in Europe are numbered 65, 70, 80, etc. Sizes in the US and Japan, on the other hand, are numbered 9, 11, 12, etc.
2. Replace the needle frequently (approximately after each garment piece is sewn) and/or after the first thread break or missed stitch.
3. Use the pad for thin or stretchy materials.

Plate covering the teeth of the conveyor

For some work, such as free mending, cover the teeth of the material transporter with a special plate.

Lay the plate by installing its tabs in stitch plate as shown. To sew normally, remove the plate from the teeth of the fabric conveyor.



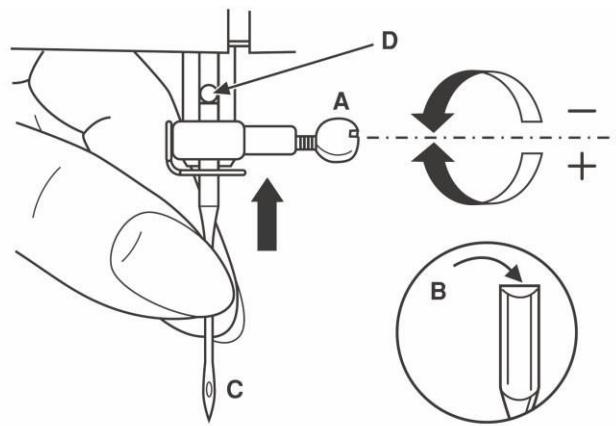
Needle replacement

Note: Turn off the machine to the "O" position of the switch, before replacing the needle.

Replace the needle regularly, especially when you notice the first signs of wear or the needle begins to cause problems.

Change the needle by following the instructions in the drawings:

- A. Release the needle attachment clamp (1)
- B. Insert the needle with the flat side away from you, (towards the back of the machine)
- C. Push the needle into the hole as deep as possible
- D. Screw on the needle attachment clamp

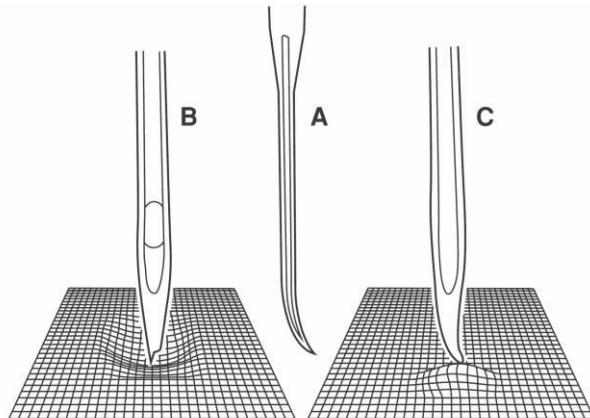


1

The needle should always be in impeccable condition.

The most common needle problems:

- A. Needle crooked
- B. Damaged tip
- C. Needle blunted



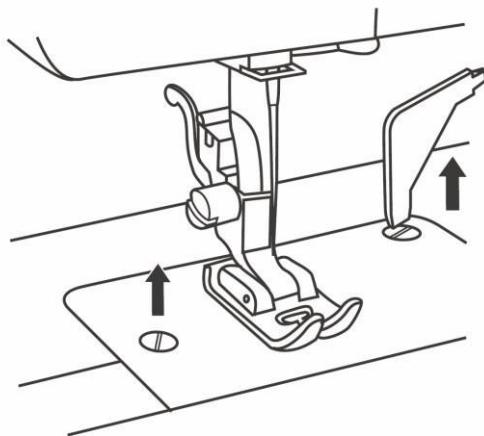
2

MAINTENANCE AND TROUBLESHOOTING

Maintenance of the machine

Attention:

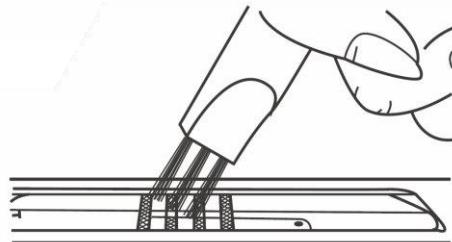
Disconnect the machine from the power source by removing the plug from the electrical outlet before cleaning the machine.



Removing the stitch plate:

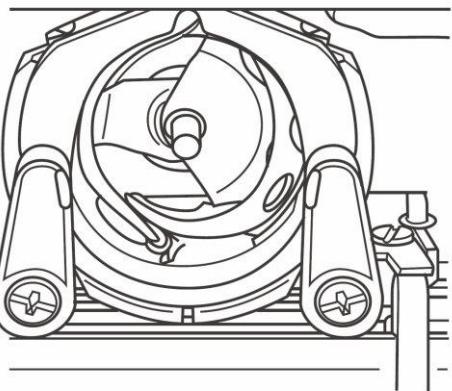
Turn the handwheel of the machine so that the needle is in its highest position. Open the front cover and unscrew the fixing screws with the screwdriver provided with the machine. (1)

1



Cleaning the conveyor:

Remove the drum of the machine and clean this entire area with the brush provided. (2)

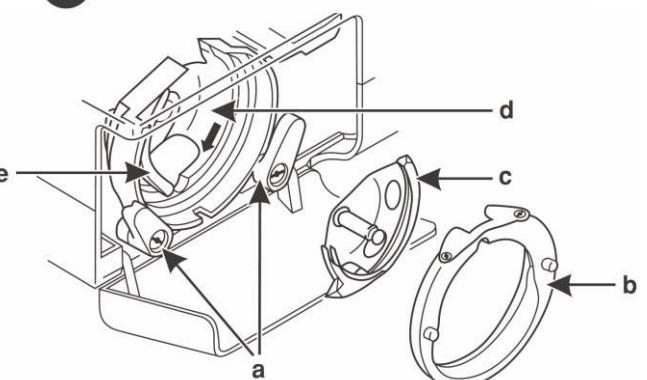


Cleaning and oiling the gripper:

Remove the drum. Open the gripper seat pressures (a) by pointing them outward. Remove the gripper rim cap (b) and gripper (c), and clean with a soft cloth. Oil with 2-3 drops at the indicated points

(d) with a sewing machine oiler. Turn the flywheel until the gripper teeth (e) are in the left position. Reinsert the gripper (c). Re-insert the shank tooth cap and snap the do-cisk feet back into place. Insert the drum, bobbin, and then put the stitch plate back on.

2



Important:

Lint and pieces of thread can accumulate inside the gripper, so should be cleaned regularly. The machine should be serviced at regular intervals at one of our service centers.

Troubleshooting Guide

Problem	Cause	Solution
The top thread breaks off	<ol style="list-style-type: none"> 1. The thread is not threaded correctly. 2. Too much thread tension. 3. The thread is too thick for the selected needle. 4. The needle is incorrectly inserted. 5. The thread has become entangled around the mandrel of the thread bobbin. 6. The needle is damaged. 	<ol style="list-style-type: none"> 1. Re-thread the thread in the machine. 2. Reduce the thread tension (set a lower value). 3. Install a thicker needle. 4. Remove and reinsert the needle (the flat side should face the back of the machine). 5. Remove the coil and wind the thread on it. 6. Replace the needle.
The bottom thread breaks off	<ol style="list-style-type: none"> 1. The drum of the machine is incorrectly inserted. 2. The bobbin is incorrectly installed in the drum. 3. Too much tension on the lower thread 	<ol style="list-style-type: none"> 1. Remove and reinsert the drum and pull the thread. It should unroll with ease. 2. Check the bobbin and drum 3. Reduce the tension of the lower thread as described in the instructions.
Machine drops stitches	<ol style="list-style-type: none"> 1. The needle is incorrectly inserted. 2. The needle is damaged. 3. The wrong size needle was used. 4. The footer is incorrectly inserted. 	<ol style="list-style-type: none"> 1. Remove and reinsert the needle (flat side facing the back of the machine) 2. Insert a new needle. 3. Select a needle that matches the thread. 4. Check and properly attach the footer.
The needle is breaking	<ol style="list-style-type: none"> 1. The needle is damaged. 2. The needle is incorrectly inserted. 3. The wrong needle size was selected for the fabric. 4. The wrong footer is attached. 	<ol style="list-style-type: none"> 1. Insert a new needle. 2. Properly insert the needle (flat side to the back of the machine). 3. Select a needle that matches the thread and fabric. 4. Select the appropriate footer.
Loose stitches appear	<ol style="list-style-type: none"> 1. The thread is not threaded correctly. 2. The lower thread is incorrectly installed in the drum. 3. Incorrectly selected thread or needle for the fabric. 4. The thread tension is incorrect. 	<ol style="list-style-type: none"> 1. Check threading. 2. Thread the reel bobbin according to the instructions in the figure. 3. The size of the needle must be appropriate for the fabric and thread. 4. Improve thread tension.
Seams cause fabric to gather or wrinkle	<ol style="list-style-type: none"> 1. The needle is too thick for the chosen fabric. 2. An incorrect stitch length was set. 3. The thread tension is too high. 	<ol style="list-style-type: none"> 1. Choose a thinner needle. 2. Readjust the stitch length. 3. Reduce the tension of the thread.
Stitches are uneven, feeding is uneven	<ol style="list-style-type: none"> 1. Low-quality threads were used. 2. Thread incorrectly threaded in the drum 3. The sewn fabric was pulled. 	<ol style="list-style-type: none"> 1. Choose a thread of better quality. 2. Remove the bobbin of the drum and thread the thread correctly. 3. When sewing, do not pull the fabric. Allow the machine to move it by itself.
The machine works loudly	<ol style="list-style-type: none"> 1. The machine should be oiled. 2. Cuttings or oil have collected on the gripper or needle bar. 3. Low-quality oil was used. 4. The needle is damaged. 	<ol style="list-style-type: none"> 1. Oil as described. 2. Clean the gripper and conveyor as described. 3. Use only good quality machine oil. 4. Replace the needle.
The machine is jamming	The thread locked itself in the gripper.	Remove the top thread and the bobbin of the flywheel. Turn the flywheel backward and forward by hand and remove the thread residue. Oil as described.

TECHNICAL DATA MASTERCRAFT 100.40

MODEL: MasterCraft 100.40	DIMENSIONS: width: 31.4 cm depth: 14.4 cm height: 24.9 cm
NUMBER OF STITCH PATTERNS: 22	WEIGHT: net weight: 5.4 kg gross weight: 6.7 kg
STRING LENGTH ADJUSTMENT: from 0 to 4 mm	POWER CONSUMPTION: 45 W
top thread tension adjustment: from 0 to 9	POWER SUPPLY: 220-240V ~50Hz



INFO

On handling **waste** electrical and **electronic equipment**

In connection with the information obligations arising from the introduction of the Law on Waste Electrical and Electronic Equipment, we inform you that:

1. Waste electrical and electronic equipment must not be placed with other waste. Such equipment should be collected selectively as reminded by the attached marking (crossed-out, circular waste container).
2. Failure to comply with this rule may, with improper disposal of used equipment, pose a threat to the environment and human health due to the presence of hazardous components in the equipment (such as electrical wiring, plastics, batteries, switches, boards, etc.). To avoid such risks, such components should be collected and properly processed by specialized companies.
3. This manual contains information about all the basic parameters of the device. It is important that your household plays an important role in contributing to the reuse and recovery, including recycling of used equipment. This is done in particular through participation in the collection system for used equipment.

We would like to inform you that you can return your used equipment free of charge to the store where it was purchased. Disassembling used equipment yourself is not allowed. From the store, the used equipment will then go to a specialized company for processing, recovery (including recycling) and disposal of hazardous components.

**WE WISH YOU SATISFACTION
FROM THE USE OF THIS PRODUCT.**

Importer:
Aspa ELECTRO Ltd.
51-162 Wrocław, 1 Maciej Miechowity Street

MAIN STORAGE:
81 Bierutowska St. building
A 51-317 Wrocław

The importer declares that the product has been manufactured in accordance with the Low Voltage Directive LVD 2014/35/EU, the Electromagnetic Compatibility Directive EMC 2014/30/EU and the Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment RoHS2 2011/65/EU.



GUARANTEE

SEWING MACHINES



IMPORTER: Aspa ELECTRO Ltd.
Miechowity 1 Street, 51-162
CENTRAL SERVICE: Aspa ELECTRO Ltd.
Lubelska Street 89/95, 26-600
phone 048 384 00 31, fax 048 384

CARD

GUARANTEE

HOME SEWING MACHINES

Model:

Factory no:

Production date:
.....

.....
Signature and stamp of the seller

*I have read and agree to the terms of this
warranty*

.....
Customer signature

NOTE: Any alteration, rubbing or fuzzing
will void the warranty.

E COUPON

MODEL:	FABR NO.
--------	----------

Date of sale

Signature and stamp of the
seller

D VOUCHER

MODEL:	FABR NO.
--------	----------

Date of sale

Signature and stamp of the
seller

C VOUCHER

MODEL:	FABR NO.
--------	----------

Date of sale

Signature and stamp of the
seller

B VOUCHER

MODEL:	FABR NO.
--------	----------

Date of sale

Signature and stamp of the
seller

A COUPON

MODEL:	FABR NO.
--------	----------

Date of sale

Signature and stamp of the
seller

Signature and stamp of the service center	Date of repair	Description of application									
This section is attached to bill no.											
Listed part/team											
Signature and stamp of the service center	Date of repair										
This section is attached to bill no.											
Listed part/team											
Signature and stamp of the service center	Date of repair										
This section is attached to bill no.											
Listed part/team											
Signature and stamp of the service center	Date of repair										
This section is attached to bill no.											
Listed part/team											
Signature and stamp of the service center	Date of repair										

WARRANTY CARD

MASTER CRAFT

Dear customer, as the importer of the goods, we assure you of the smooth operation of the purchased device, provided that you use it in accordance with the accompanying instruction manual. The device comes with a 36-month warranty from the date of purchase.

- (1) The warranty of the Sold Goods does not exclude, limit or suspend the remedies available to the Buyer by law from the side and at the expense of the Seller.
- (2) The device is intended only for use in individual household conditions.
- (3) Any defects in the equipment resulting from defects in materials or faulty workmanship found during the warranty period shall be repaired within a reasonable time, no later than 21 working days from the moment the Guarantor is informed by the Buyer of the defect.
- (4) The removal of the defect of the device shall be carried out by repairing or replacing it, whereby the Guarantor may carry out the replacement when the Buyer demands repair, the Guarantor may also carry out the repair when the Buyer demands replacement, if the removal of the defect in the manner chosen by the Buyer is impossible or would require excessive costs on the part of the Guarantor. If it is impossible to replace the device with a new one, the Buyer is entitled to a refund of the amount paid.
- (5) If the device is replaced with a new one, the Buyer may be required to pay for the diminution in value of the device that does not result from the ordinary use of the device.
- (6) The warranty service is provided after the Buyer makes the complete device available together with the proof of purchase (receipt, invoice, etc.) and the Warranty Card. The device must be made available - if possible - in the original packaging or other packaging, adequately protecting the device from damage or decomposition.

7. acceptance of the device by or on behalf of the Guarantor is possible:

- At the Service Point,
- At the Point of Sale - notification to the Guarantor Service is made by the Retailer on behalf of the Buyer (authorized),
- directly from the Buyer through the courier service provider indicated by the Guarantor at the expense of the Guarantor - this is done after prior notification by phone number /+48/ 48 384 OO 13 or via e-mail : addressserwis-lucznik@aspa.pl and obtaining the service request number.

The Buyer is obliged to make the device available for collection by the Guarantor's Service through a courier service provider indicated by the Guarantor. Otherwise, the cost of delivering the device and the risk of damage in transit shall be borne by the Buyer.

- (8) Warranty repair does not include the activities provided for in the instruction manual, which the Buyer is obliged to perform on his own and at his own expense.
- (9) The warranty does not cover mechanical damage and defects and damage to the device caused by:
 - a) transportation and handling,

- b) misuse, carelessness of the Buyer or use of the device contrary to the instructions for use or safety regulations,
- c) fire, flood, lightning or other natural disasters, abnormal supply voltage, normal wear and tear in service or other external factors causing, for example, corrosion or indelible dirt or stains,
- d) violation of warranty seals or any other interference by persons other than the Guarantor Service (including the Buyer).

(10) The warranty also does not cover devices in which the Warranty Card has been altered, blurred, removed or obliterated in any way.

11. The warranty does not apply if the Warranty Card does not have the date of sale and the stamp of the Point of Sale.

12. The warranty is valid only to the extent specified therein on the territory of the Republic of Poland and applies only to Łucznik brand equipment marketed by ASPA Electro Sp. z o.o. on the territory of Poland.

13. Subject to the exceptions set forth above, the relevant provisions of the Civil Code and the Consumer Rights Act shall apply to the provisions of this Warranty Card.