

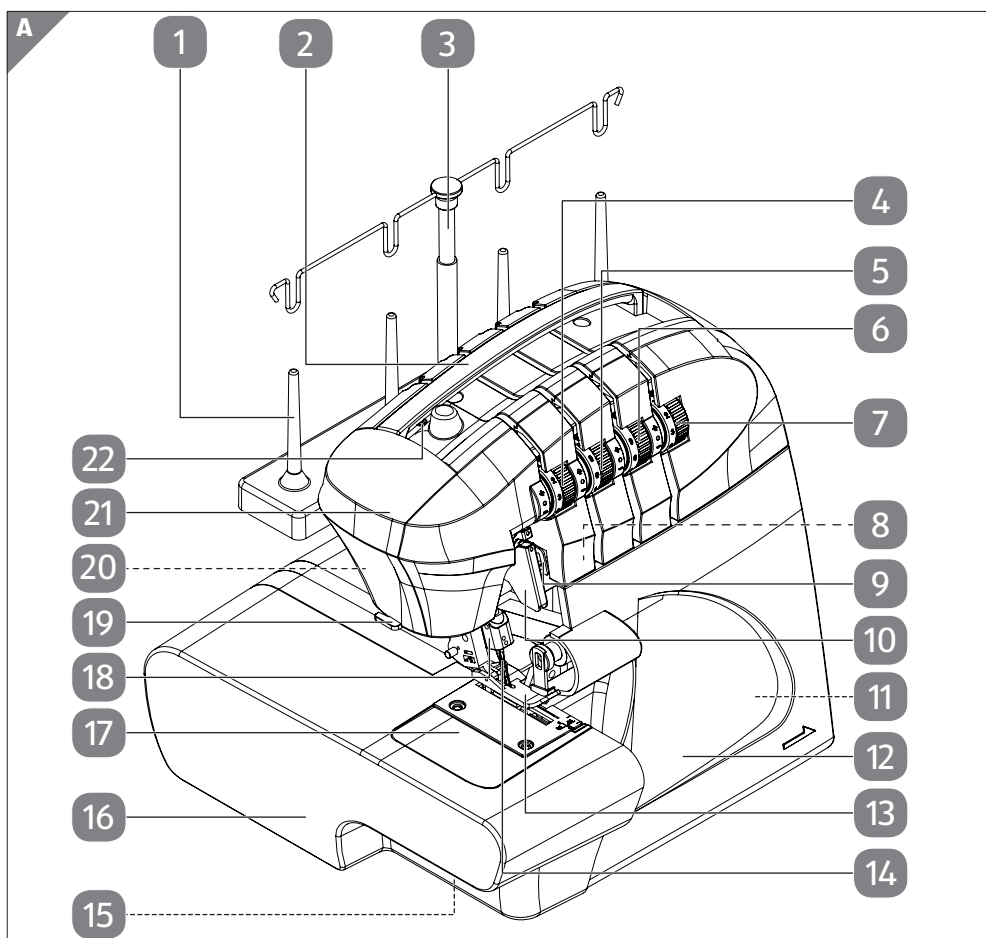
User Manual

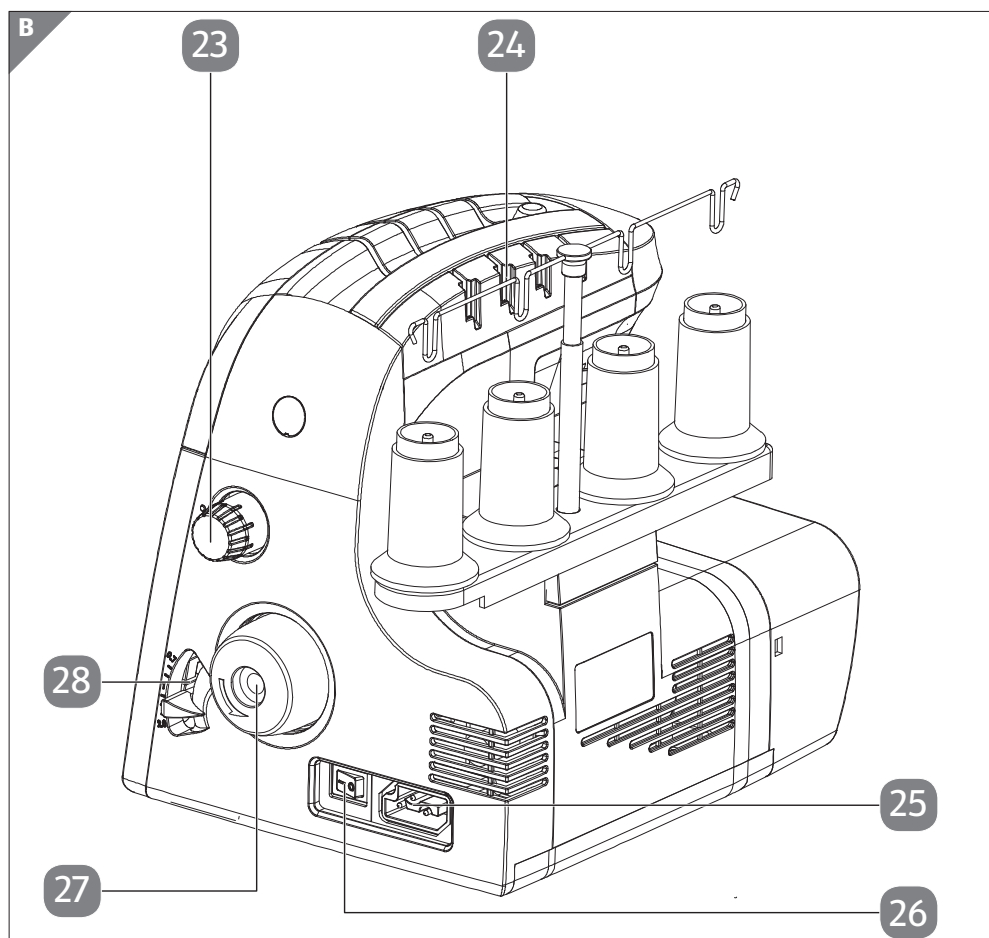
MEDION[®] **OVERLOCKER**

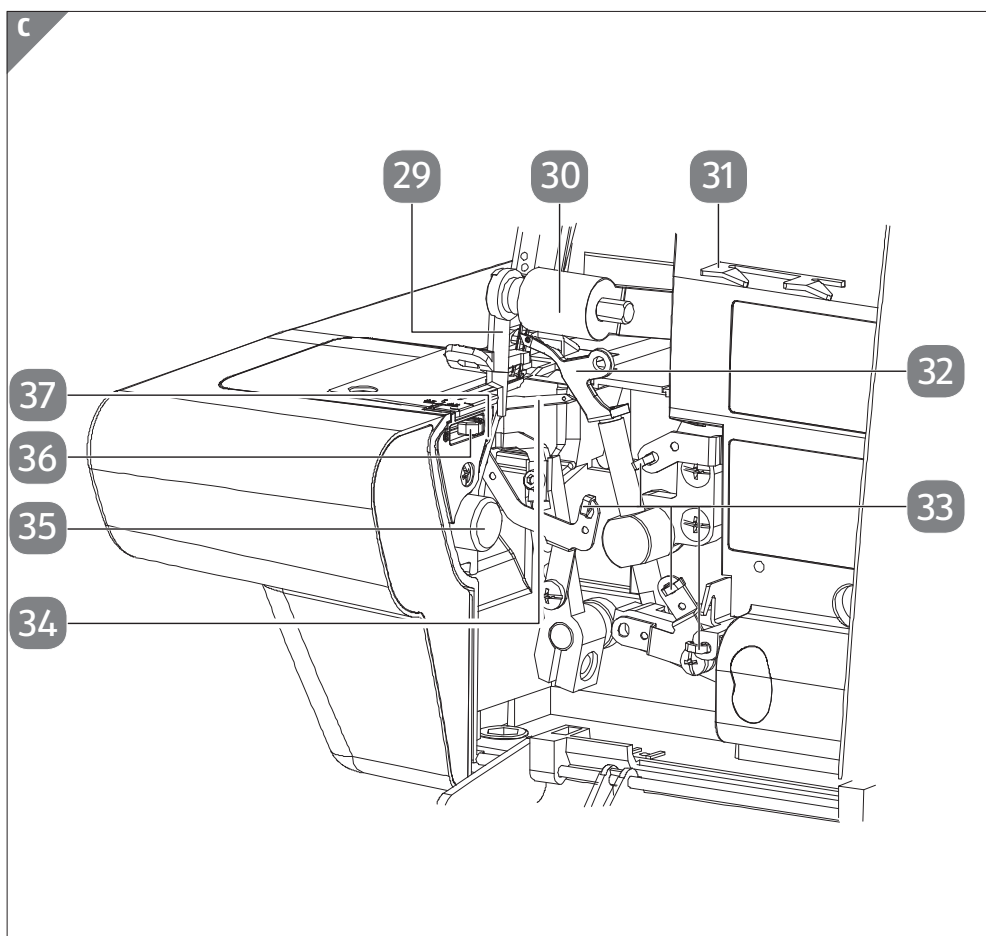


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Appliance parts

- | | | | |
|----|---|----|---|
| 1 | Yarn needles | 20 | Lever for raising the presser foot (on the back of the appliance) |
| 2 | Handle | 21 | Sewing light cover |
| 3 | Telescopic thread guide | 22 | Setting screw for the presser foot pressure |
| 4 | Thread tension selector for the left needle | 23 | Stitch length control |
| 5 | Thread tension selector for the right needle | 24 | Rear thread guide |
| 6 | Thread tension selector for the upper looper | 25 | Connector housing for foot control |
| 7 | Thread tension selector for the lower looper | 26 | Mains switch |
| 8 | Thread guide for the right needle thread | 27 | Handwheel |
| 9 | Thread guide for both needle threads | 28 | Differential feed control |
| 10 | Thread guide for needle threads | 29 | Upper knife |
| 11 | Holder for the two-thread converter (behind the front flap) | 30 | Knife fitting |
| 12 | Front flap | 31 | Front thread guide |
| 13 | Presser foot | 32 | Upper looper |
| 14 | Needles | 33 | Thread guides for looper threads |
| 15 | Catch for opening the free arm (underneath the work table) | 34 | Lower looper |
| 16 | Work table with accessory compartment | 35 | Cutting width setting control
The markings for the cutting widths (3.5; R, 4.5) are on the throat plate. |
| 17 | Free arm with throat plate | 36 | Stitch finger control |
| 18 | Needle bar with thread guide | 37 | Lower knife |
| 19 | Thread cutter | | |

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About this user manual



Thank you for choosing our product. We hope you enjoy using this appliance.

Read the safety instructions carefully before using the appliance for the first time. Note the warnings on the appliance and in the user manual.

Always keep the user manual close to hand. If you sell the appliance or give it away, please ensure that you also pass on this user manual. It is an essential component of the product.

Explanation of symbols

If a block of text is marked with one of the warning symbols listed below, the hazard described in that text must be avoided to prevent the potential consequences described there from occurring.



This keyword denotes a high-risk hazard situation which will result in death or serious injury if it is not avoided.



This keyword denotes a medium-risk hazard situation which can result in death or a serious injury if it is not avoided.



This keyword denotes a low-risk hazard situation which can result in moderate or minor injuries if it is not avoided.



This keyword serves as a warning for possible damage to property.



This symbol provides useful additional information for assembling or operating the appliance.



Follow the instructions in the user manual!



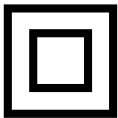
SEWING TIP

Sewing tips to make work easier



Declaration of conformity (see "Declaration of conformity" section):
Products that feature this symbol meet the requirements of the EC directives.

Protection class II



Electrical appliances in protection class II are appliances that have double and/or reinforced insulation throughout, and do not have an option for connecting a protective earth. The housing of an electrical appliance in protection class II, with surrounding insulating material, might either form all of the additional or reinforced insulation, or part of it.



Indoor use

Appliances with this symbol are intended solely for indoor use.

Proper use

Your appliance can be used in a range of ways:

The overlock sewing machine can be used to sew together and neatening the seams on light to medium-weight material.

The material can be made of textile fibres, composite materials or lightweight leather.

- The appliance is only intended for private use and not for industrial/commercial use.

Please note that we shall not be liable in cases of improper use:

- Do not modify the appliance without our consent and do not use any auxiliary equipment that we have not approved or supplied.
- Only use replacement parts or accessories that we have supplied or approved.
- Comply with all the information in this user manual, especially the safety information. Any other use is considered improper and can cause personal injury or property damage.
- Do not use the appliance in extreme environmental conditions.

Declaration of Conformity

Medion AG hereby declares that the product conforms to the following European requirements:

- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- Ecodesign Directive 2009/125/EC
- RoHS Directive 2011/65/EU.



Safety information

Keep children away from electrical appliances

- This appliance can be used by children aged 8 years and above, by people with reduced physical, sensory or mental capabilities, or people who lack experience and/or knowledge, if proper supervision is provided or if these people have been instructed in how to use the appliance safely and have fully understood the possible dangers. Children must not be allowed to play with the appliance. Do not allow children to clean the appliance or perform maintenance tasks on it unless they are aged 8 years or older and properly supervised.
- Do not allow children younger than 8 years old near the appliance and its power cable.



Risk of choking and suffocation!

Packaging film can be swallowed or used improperly, creating a risk of choking and suffocation.

- Keep packaging material such as plastic film or plastic bags away from children.

Mains cable and power supply

- Only connect the appliance to an easily accessible mains socket (220–240 V ~ 50 Hz) that is close to where you have set up the appliance. The mains socket must be easily accessible so that you can unplug the appliance from the mains quickly if necessary.
- When unplugging, always hold the plug itself and never pull on the cable.
- Fully unwind the cable during use.
- The cable may not touch any hot surfaces.

- Switch off the sewing machine and unplug the mains plug for the following tasks: threading the needle, replacing the needle, setting the presser foot, cleaning and maintenance work, at the end of sewing work and when work is interrupted.

Never carry out repairs yourself

- If the appliance or power cable is damaged, remove the mains plug from the socket immediately.
- If there is visible damage to the sewing machine, or mains cable, the appliance may not be used. This is to avoid hazards.



Risk of electric shock!

There is a risk of electric shock if repairs are not carried out by qualified personnel!

- Never attempt to open or repair the appliance yourself.
- In the event of a fault or damage to the power cable, contact our Service Centre or another suitable professional repair workshop to prevent hazards.

General information

- The sewing machine must not get wet – there is a risk of electric shock!
- Never leave the sewing machine unattended when switched on.
- Do not use the machine outdoors.
- The appliance may only be operated with the supplied type HKT72C foot control.

Handle the appliance with care

- The sewing machine has suction feet for stability. Nevertheless, ensure that the machine is placed on a stable, level work surface and that all four feet are touching the work surface.
- When the appliance is in use, the air vents must remain free: do not allow any foreign objects (e.g. dust, pieces of thread etc.) to get into the openings.
- Never place anything onto the foot pedal.
- Use only the supplied accessories. Needles are available from specialist retailers.
- Only use specialist sewing machine oil to lubricate the machine. Do not use any other liquids.
- When sewing, ensure that you do not place your fingers under the needle holder.
- Take care when operating the moving parts of the machine, particularly the needle and knife. There is also risk of injury when the machine is not connected to the power supply.
- Do not use bent or blunt needles.
- When sewing, do not hold the fabric tight and do not pull on the fabric. This could cause the needle to break.
- Always place the needle in the highest position at the end of sewing work.
- When leaving the machine and before maintenance work, always switch off the machine and pull the mains plug from the socket.

Cleaning and storage

- Before cleaning, pull the plug out of the mains socket. Use a soft, dry cloth to clean the appliance. Avoid the use of chemical solutions and cleaning products because these may damage the appliance surface and/or the labels on it.
- When storing the sewing machine, always cover it with the supplied cover to protect the machine from dust.

Package contents

Please check your purchase to ensure that all items are included. If anything is missing, please contact us within 14 days of purchase.

- Overlock sewing machine
- Foot control, type HKT72C
- User manual
- Accessories (overview of contents on next page)



DANGER!

Risk of choking and suffocation!

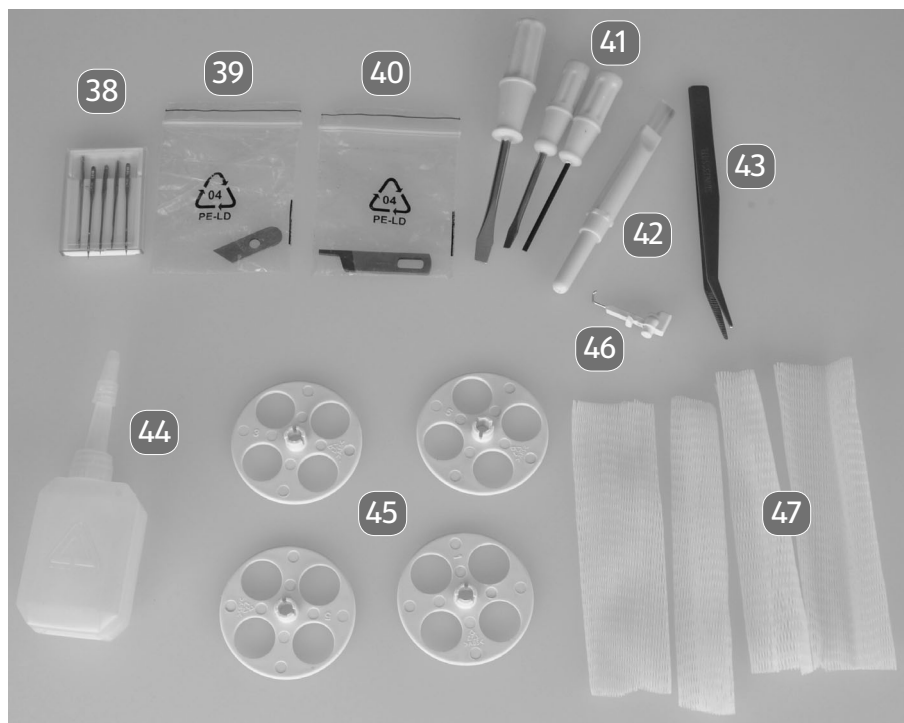
Packaging film can be swallowed or used improperly, creating a risk of choking and suffocation.

- Keep packaging material such as plastic film or plastic bags away from children.

Before use

Accessories

The following accessories can be found in the work table accessory compartment. For accessibility, see “Work table and accessory compartment” on page 23.

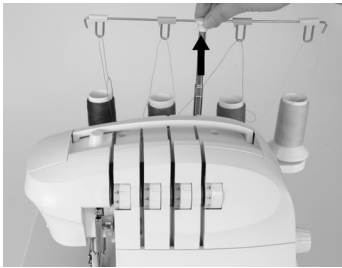


- | | |
|--|--------------------------------------|
| 38 Needle set | 43 Tweezers |
| 39 Replacement for upper knife | 44 Oil can (without contents) |
| 40 Replacement for lower knife | 45 Spool caps (4x) |
| 41 Screwdrivers (small, medium and large) | 46 Two-thread converter |
| 42 Lint brush | 47 Spool net (4x) |

Accessories not shown

- Thread spool (4x pre-mounted)
- Cover

Setting the telescopic thread guide



- Pull the telescopic thread guide (3) all the way out before threading.
- Turn the telescopic thread guide until you hear it click into place and in such a way that the thread guides are directly above the spool pin (1).

Spool holder

Both industrial and domestic spools can be used with this machine.

When using industrial spools with a large diameter, place the spool holder with the wide end upwards. When using spools with smaller diameters, place the spool holder on the spool pin with the narrow end upwards.

Spool caps

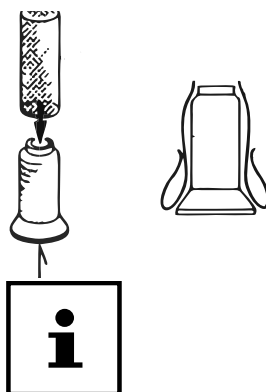
When using non-industrial spools, remove the spool holder. Place the domestic spool onto the spool pin and place the supplied spool cap onto the spool to guarantee the stability of the spool.

Spool net

Polyester or coarse nylon threads work loose when unwinding from the bobbin. Therefore, use the supplied spool net for such yarns to ensure the thread feeds uniformly.

- When the yarn has not yet been threaded, pull the net from above over the spool.
- Pull the net over the spool up to the end and turn up the excess part.

If the yarn has already been threaded, the thread spool can be removed from the yarn needle and the net pulled up over the spool from below.



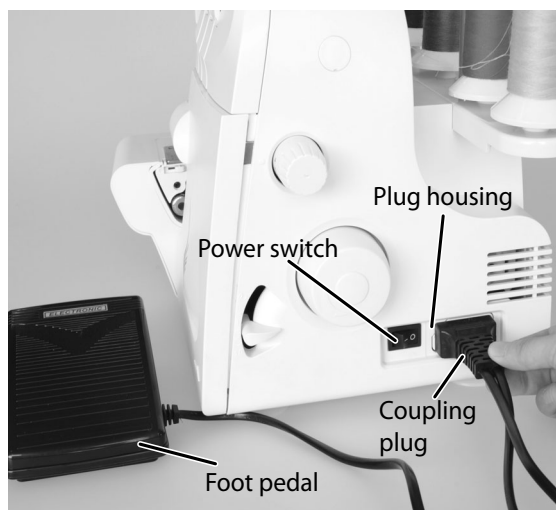
Connecting the foot control

Connect the coupling connector for the supplied foot control to the connector housing (25) on the machine and then plug the mains plug into the socket.

The mains switch (26) switches on both the machine and the sewing light.

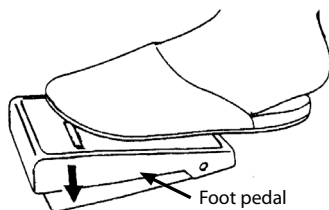
Use only the supplied foot control.

After finishing work or before maintenance work, always switch off the machine and pull the mains plug from the socket.



Controlling the sewing speed

The sewing speed is controlled using the foot control. This means that the sewing speed can be changed by exerting more or less pressure on the foot control.



Safety switch

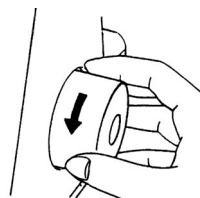
This machine is equipped with a micro safety switch. Operation is shut-off when the front flap (12) is opened.

Close the front flap before beginning to sew.

Operation

Handwheel

Always turn the handwheel (27) towards you.



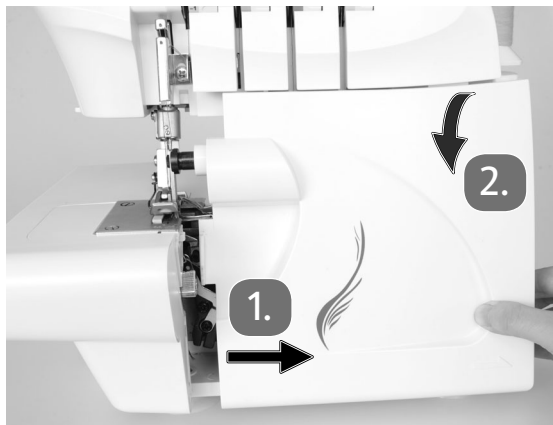
Raising and lowering the presser foot

- ▶ Raising or lowering the presser foot lever (20), moves the presser foot (13) up or down accordingly.

In order to sew thick fabric, the presser foot (13) can be raised a little to allow extra clearance.

Front flap

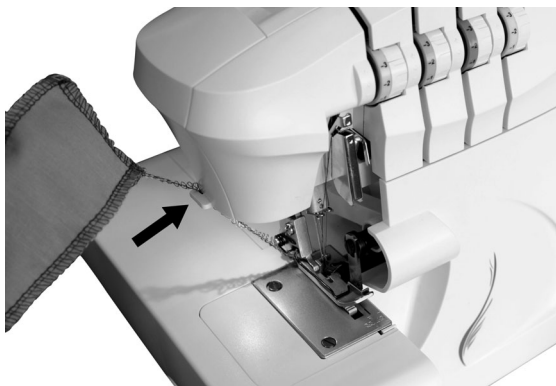
To open the front flap (12), push the notch as far as possible to the right and then pull the front flap towards you.



To close the front flap, fold it upwards and hold in place until it slides into its closed position due to a pre-tensioned spring.

Thread cutter

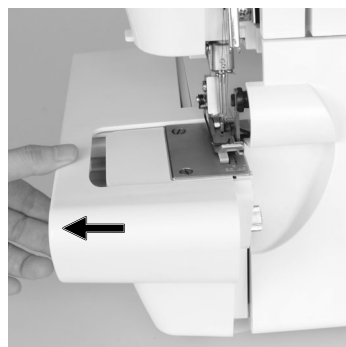
Cut the threads using the thread cutter (19) on the side of the sewing machine or using scissors. Leave approx. 15 cm of thread hanging out the back of the needle eye.



Work table and accessory compartment

It is advisable to use the free arm to make sewing sleeves or trouser leg holes easier.

- Lightly press the catch (15) underneath the work table.
- Pull the work table (16) to the left of the machine to allow you to use the free arm.



Threading the loopers and needles

General information on threading

Threading takes place in the following order:

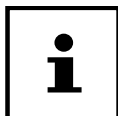
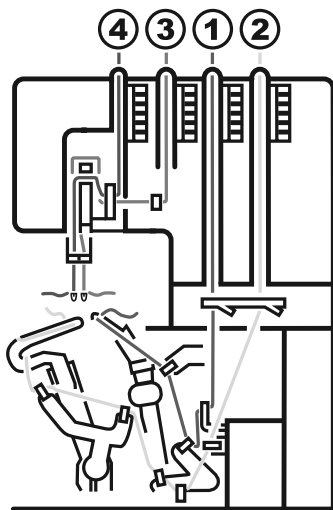
1. STEP 1 upper looper red
2. STEP 2 lower looper yellow
3. STEP 3 right needle green
4. STEP 4 left needle blue

Correct threading is essential to ensure that stitching is even and to prevent the thread from tearing.

There is a practical guide to threading behind the front flap (12).

In addition, the thread guides are marked in different colours.

There is a pair of tweezers in the accessory box (16) to help with threading.

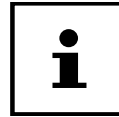


If it is necessary to retrospectively thread one of the looper threads again (e.g. when the thread tears), first remove the thread from the needle to prevent the thread becoming entangled.

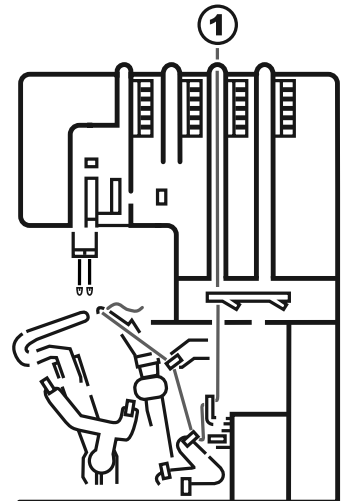
Threading the upper looper

1. Open the front flap.
2. Guide the thread through the eye on the telescopic thread guide (3). Take care to ensure that the yarn is thread from back to front.
3. Lift the handle (2) and guide the thread under the handle.
4. Hold the thread firmly in front of the handle and press it down on the back of the machine until the thread is located in the rear thread guide (24).
5. Place the thread between the two discs on the thread tensioner (6).

The thread must be correctly positioned between the two discs on the thread tensioner.



6. Place the thread in the front thread guide (31).
7. From this point, follow the thread guide diagram in the machine.
8. To thread the yarn into the looper eye, turn the handwheel (27) towards yourself until the looper is in a favourable position.
9. Thread the yarn from front to back into the looper eye.
10. Pull the end of the thread approx. 10 cm through the looper eye and place the thread to the back.



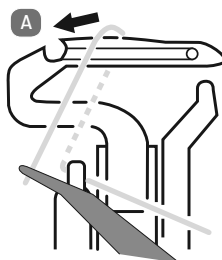
Threading the lower looper

1. Open the front flap.
2. Turn the handwheel towards you until the lower looper (34) is in a favourable position for threading.
3. Guide the thread through the eye on the telescopic thread guide. Take care to ensure that the yarn is thread from back to front.
4. Lift the handle and guide the thread under the handle.
5. Hold the thread firmly in front of the handle and press it down behind the machine until the thread sits in the rear thread guide.
6. Place the thread between the two discs on the thread tensioner (7).

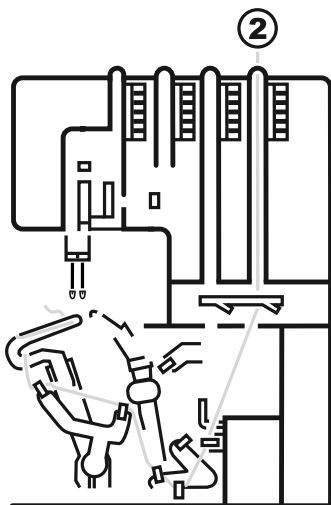


The thread must be correctly positioned between the two discs on the thread tensioner.

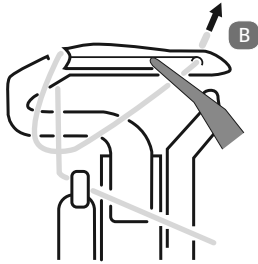
7. Place the thread in the front thread guide.
8. From this point, follow the thread guide diagram in the machine.
9. To thread the yarn through the rear eye (A) of the lower looper, place the yarn above through the looper from back to front.



10. Using the tweezers, push the thread as far back as possible.



11. Thread the yarn from front to back into the looper eye (B).

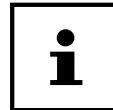


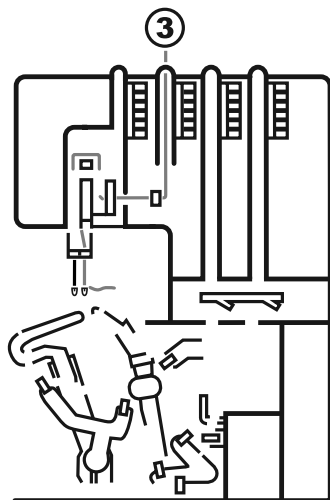
12. Pull the end of the thread approx. 10 cm through the looper eye and place the thread to the back.

Threading the right needle

1. Turn the handwheel towards you until the needles are at the highest position.
2. Guide the thread through the eye on the telescopic thread guide (3). Take care to ensure that the yarn is thread from back to front.
3. Lift the handle and guide the thread under the handle.
4. Hold the thread firmly in front of the handle and press it down on the back of the machine until the thread is located in the rear thread guide (24).
5. Place the thread between the two discs on the thread tensioner (5).

The thread must be correctly positioned between the two discs on the thread tensioner.





6. First, guide the thread through the thread guide for the right thread (8) and then through the thread guide for both needle threads (9).
7. Guide the thread through the upper slit on the thread guide for the needle yarn (10).
8. Hook the thread in the right thread guide for the needle bar (18) and then thread it through the needle eye of the right needle from front to back.
9. Pull the end of the thread approx. 10 cm through the needle eye and place the thread to the back.

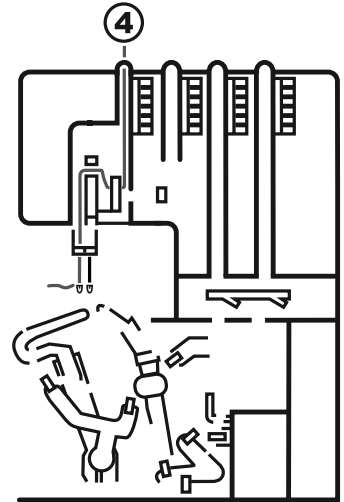
Threading the left needle

1. Turn the handwheel towards you until the needles are at the highest position.
2. Guide the thread through the eye on the telescopic thread guide. Take care to ensure that the yarn is thread from back to front.
3. Lift the handle and guide the thread under the handle.
4. Hold the thread firmly in front of the handle and press it down behind the machine until the thread sits in the rear thread guide.
5. Place the thread between the two discs on the thread tensioner (4).



The thread must be correctly positioned between the two discs on the thread tensioner.

6. First, guide the thread through the thread guide for both needle threads.
7. Guide the thread through the lower slit on the thread guide for the needle yarn.
8. Hook the thread in the left thread guide for the needle bar and then thread it through the needle eye of the left needle from front to back.
9. Pull the end of the thread approx. 10 cm through the looper eyes and place the thread to the back.



10. Raise the presser foot (13) and push all threads underneath; then lower the presser foot again by pressing down the lever (20) on the back of the appliance.
11. After threading, close the front flap.

Test run

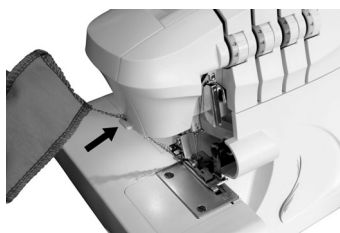
When yarn has been threaded for the first time, or yarn has been re-threaded after a torn thread during sewing, proceed as follows:

1. Raise the presser foot by lifting up the lever (20) on the back of the appliance.
2. Holding the ends of the threads between your left fingertips, turn the handwheel (27) slowly two or three times towards you and check whether the threads pull.
3. Then, carefully sew a few stitches without feeding the fabric to check for tangled threads.
4. Place the fabric for the test run under the presser foot (13), lower the presser foot and begin to sew slowly.

The fabric is fed through automatically, only move the fabric further carefully.

Cutting threads

1. When work is finished, continue sewing to form an approx. 5–6 cm long thread chain from the end of the fabric.
Cut the threads using the thread cutter (19) on the side of the sewing machine or using scissors.



Adjusting the thread tension

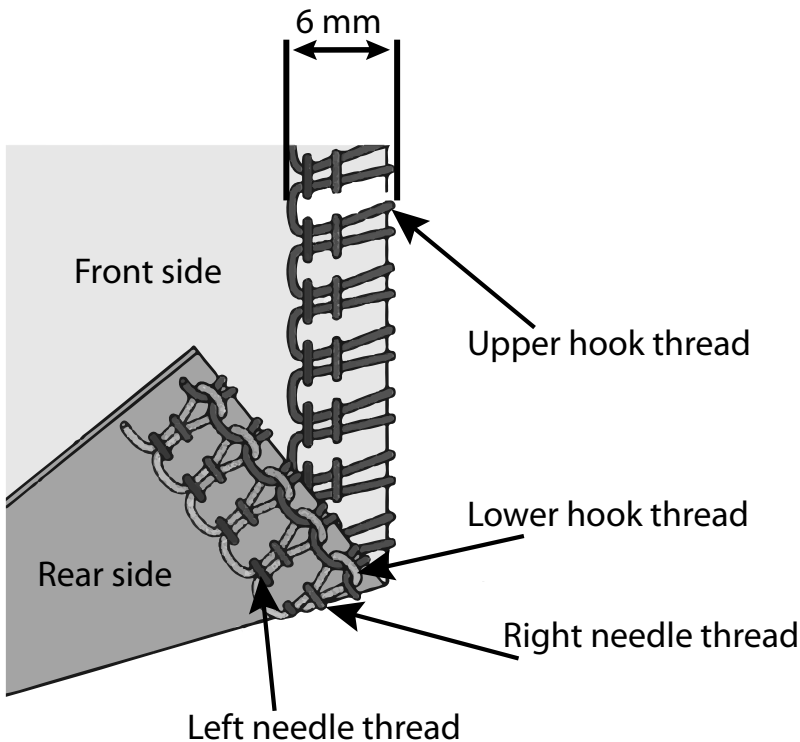
The required thread tension changes depending on the type and thickness of the yarn and fabric.

1. Check the seams and adjust the machine to the thread tension accordingly.

Thread tension:

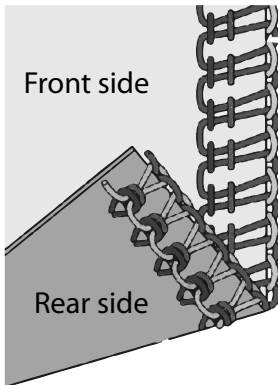
2. Turn the thread tension selector (4)–(7) to a lower number (upward): there is less tension
3. Turn the thread tension selector to a higher number (downward): there is more tension

Correct thread tension



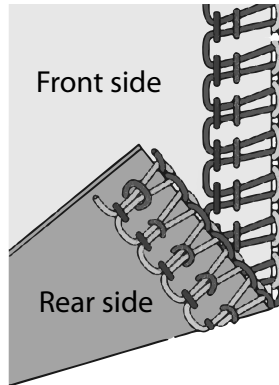
Adjusting the thread tension for needle threads

Thread on the left needle is too loose.



Increase needle thread tension on the left.

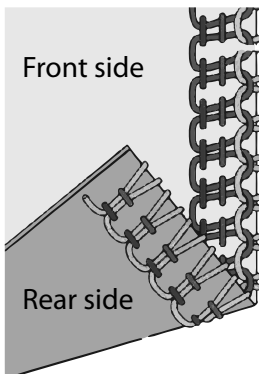
Thread on the right needle is too loose.



Increase needle thread tension on the right.

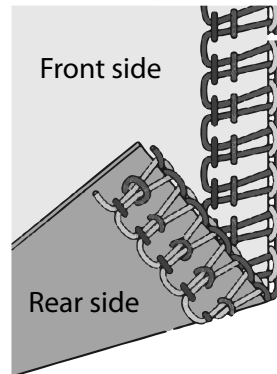
Adjusting the thread tension for looper threads

Lower looper thread is too tight and/or upper looper thread is too loose.



Reduce lower looper thread tension and/or increase upper looper thread tension.

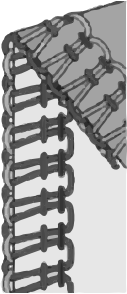
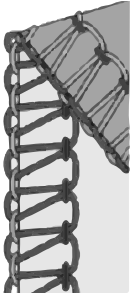
Upper looper thread is too tight and/or lower looper thread is too loose.



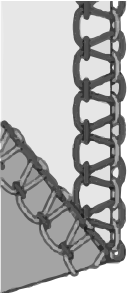
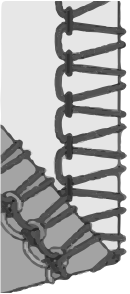
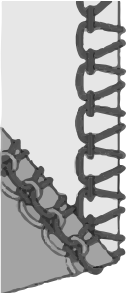
Reduce upper looper thread tension and/or increase lower looper thread tension.

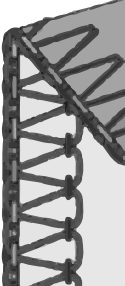
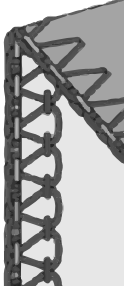
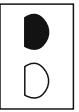
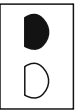
Overview of machine settings

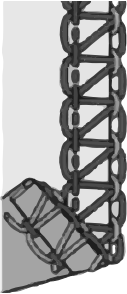
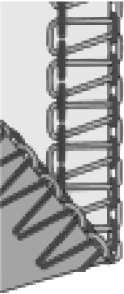
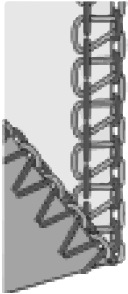
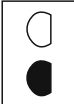
The best thread tension setting for one fabric may not be correct for another fabric. The required thread tension depends on the stiffness and thickness of the fabric as well as the thread type and thickness. You may find the following table helpful for finding the correct thread tension. This table details ideal sample settings that are not the same for all materials and yarns. Always test the settings on a sample first.

Programme	Needle position*		Thread tension				Stitch length	Cutting width	Stitch finger position	2-thread converter
			Blue	Green	Red	Yel-low				
4-thread overlock stitch 			N	-2	-2	-1	3	3.5	S	No
3-thread overlock stitch (wide) 			N		-2	-1	3	3.5	S	No

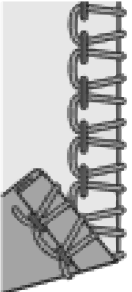
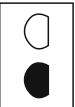
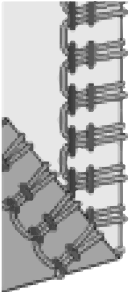
* This column contains a diagram of the needles. In each case, the black needle is the needle used.

Programme	Needle position*		Thread tension				Stitch length	Cutting width	Stitch finger position	2-thread converter
			Blue	Green	Red	Yellow				
3-thread overlock stitch (narrow)				N	-2	-1	3	3.5	S	No
3-thread overedge seam (wide)			N		-5	+3.5	3	3.5	S	No
3-thread overedge stitch (narrow)				N	-5	+4	3	3.5	S	No

Programme	Needle position*		Thread tension				Stitch length	Cutting width	Stitch finger position	2-thread converter
			Blue	Green	Red	Yel-low				
3-thread flatlock stitch (wide) 			-4.5		N	+2	3	3.5	S	No
3-thread flatlock stitch (narrow) 				-4.5	N	+2	3	3.5	S	No
3-thread rolled hem stitch 				-1	+2	-1	F	R	R	No

Programme	Needle position*		Thread tension				Stitch length	Cutting width	Stitch finger position	2-thread converter
			Blue	Green	Red	Yel-low				
3-thread rolled hem stitch (folded) 				-2	N	+3	F	R	R	No
2-thread flatlock stitch (wide) 			-4			+2.5	3	3.5	S	Yes
2-thread flatlock stitch (narrow) 				-4		+2	3	3.5	S	Yes

Programme	Needle position*		Thread tension				Stitch length	Cutting width	Stitch finger position	2-thread converter
			Blue	Green	Red	Yel-low				
2-thread overedge seam (wide)			N			-3.5	3	3.5	S	Yes
2-thread overedge stitch (narrow)				N		-3.5	3	3.5	S	Yes
2-thread rolled hem stitch				-4		-1	F	R	R	Yes

Programme	Needle position*		Thread tension				Stitch length	Cutting width	Stitch finger position	2-thread converter
			Blue	Green	Red	Yellow				
2-thread rolled hem stitch (folded) 				-1		-2	F	R	R	Yes
2-needle, 3-thread over-edge stitch 			-1	-2		-4	3	3.5	S	Yes

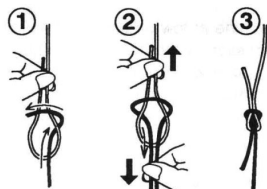
Overview of yarn and needles

Fabric	Yarn	Needles	Stitch length
Lightweight cotton and linen, organza, batiste, chiffon	Cotton no. 100	Type: 2022 no. 80/11	2.0–3.5 mm Standard: 2.5 mm
	Silk no. 100		
	Synthetic fibre no. 80–90		
	Polyester no. 80–100		
Medium-weight cotton and linen, muslin, satin, gabardine, fine wool fabric	Cotton no. 60–80	Type: 2022 no. 80/11 or 2022 no. 90/14	2.5–4.0 mm Standard: 3.0 mm
	Silk no. 50		
	Synthetic fibre no. 60–80		
	Polyester no. 60–80		
Heavyweight cotton and linen, Oxford, denim, tweed, cord, serge	Cotton no. 40–60	Type: 2022 no. 90/14	2.5–4.0 mm Standard: 3.0 mm
	Silk no. 40–60		
	Synthetic fibre no. 60–80		
	Polyester no. 50–80		
Tricot fabric	Synthetic fibre no. 80–90	Type: 2022 no. 80/12	2.0–4.0 mm Standard: 2.5 mm
	Polyester no. 60–80		
Jersey	Cotton no. 60–80	Type: 2022 no. 80/11 or 2022 no. 90/14	2.0–4.0 mm Standard: 2.5 mm
	Synthetic fibre no. 60–80		
	Polyester no. 50–60		
Wool	Bulked yarn	Type: 2022 no. 80/12 or 2022 no. 90/14	2.0–3.5 mm Standard: 2.5 mm
	Synthetic fibre no. 60–80		
	Polyester no. 50–60		

Changing the thread

The following approach makes changing the thread extremely simple, removing the need to completely re-thread.

1. Raise the presser foot (13).
2. Set the thread tension for the desired thread to -5 to loosen it fully.
3. Cut the yarn above the spool and knot the ends of the old and new thread using a sailor knot, as shown in the illustration.
4. Put the needles in the highest position by turning the handwheel (27) towards you.
5. Carefully pull the free end of the yarn until the joining knot has passed all thread guides and reaches the eye of the needle.
6. Then cut the knot and thread the new yarn through the eye of the needle.
7. You can pull the looper threads until the thread has passed the looper eyes.



Handle

The handle (2) on the top of the appliance makes it easy and convenient for you to transport your machine.

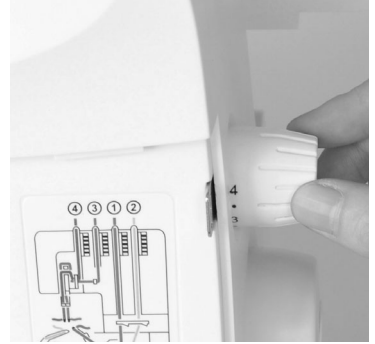
Setting the stitch length

Turn the stitch length control (23) until the desired length is shown. The higher the number, the longer the stitch.

The stitch length can be set from F (~1 mm) to 4 mm. Most overlocking work is carried out with a stitch length of 3 mm.

In case of heavyweight fabrics, a stitch length of 4 mm may be advisable.

When working on lightweight fabrics, the stitch length should be set to 2 mm.



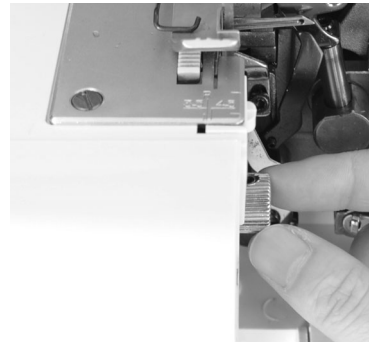
Setting the stitch length

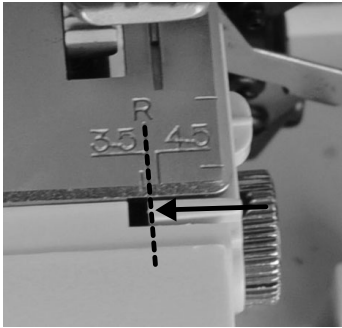
Application	Stitch length
Regular stitches	2.0–4.0 mm (Default setting: 3.0 mm)
Narrow stitches	1.0–2.0 mm
Hemstitches	1.0–2.0 mm
Top stitching	2.0–3.0 mm

Setting the cutting width

Depending on the material, it may be necessary to vary the cutting width. Check each time which stitch width is suitable using a sample stitch. You can freely adjust the cutting width from 3 to 4.5 mm. To do so, proceed as follows:

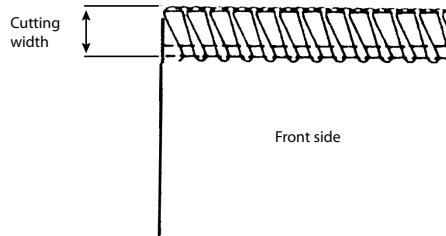
1. Fold down the front flap (12).
2. Position the upper knife (29) upwards, as described in section “Disengaging the upper knife” on page 44, this makes it easier to set the cutting width.
3. To do so, turn the cutting width setting control (35) to the desired setting.





4. The cutting width set is shown on the front edge of the throat plate.
When the desired stitch width is set, the edge of the knife fitting and the respective cutting width marking on the throat plate line up.
5. Position the upper knife back in its original position and close the front flap.

The ideal cutting width

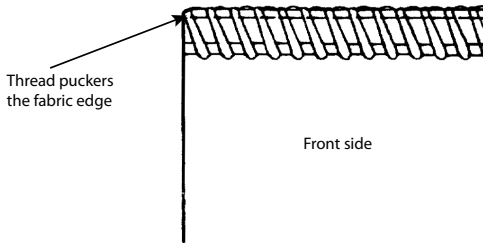


When the ideal cutting width is set, the loops of looper thread lie gently against the edge of the fabric.

The cutting width is too narrow

The loops of the looper threads are too far over the edge of the fabric.

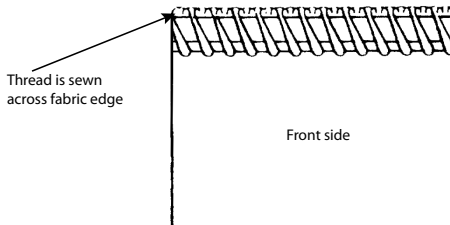
1. Turning the cutting width setting control anti-clockwise moves the lower knife to the right and increases the cutting width.



The cutting width is too wide

The loops of the looper threads lie too close to the edge of the material and the material curls up.

1. Turning the cutting width setting control clockwise moves the lower knife to the left and decreases the cutting width.



SEWING TIP

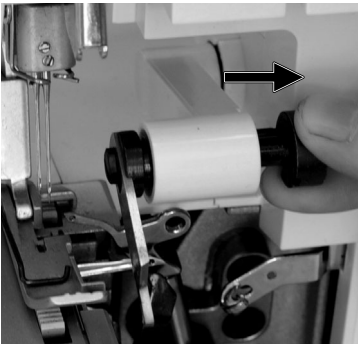
The fact that the edge of the fabric curls up as the result of a cutting width that is too wide can be used for some sewing tasks and can create attractive stitching effects.



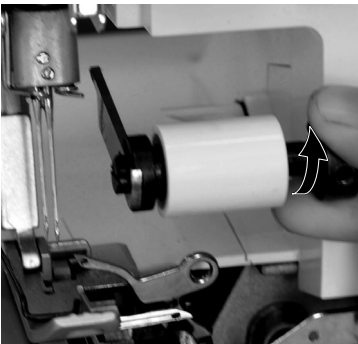
Disengaging the upper knife

If you would like to sew without cutting the edges at the same time, you can disengage the upper knife.

1. Switch off the machine and pull out the mains plug.
2. Open the front flap (12).
3. Ensure that the stitch finger control (36) is set to "R".
4. Use one hand to hold the free arm in place, and turn the dial for the knife fitting (30) to the right.



5. Then turn the knife fitting clockwise forwards until the knife has been rotated through 270°.



6. Ensure that the pin in the knife fitting catches in the dial groove to ensure the safe hold.
7. Close the front flap and continue your sewing work.
8. Proceed in the reverse order to re-engage the knife.



CAUTION!

Risk of crushing

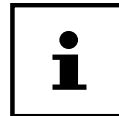
The spring of the knife fitting dial is under high tension and the dial can therefore spring back when returning to the original position and there is a risk of crushing fingers.

- Always hold the dial firmly and let it gently click into place in its original position.

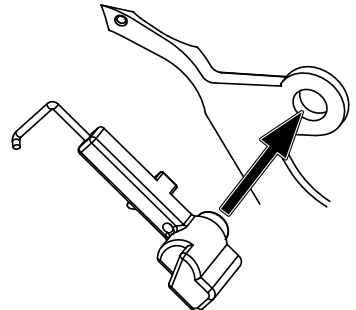
Converting to two-thread operation

You can also use your machine solely as a two-thread machine. To do so, use the two-thread converter (see section “Accessories” on page 17).

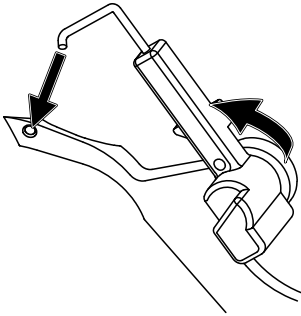
Please refer to the table in section “Overview of machine settings” on page 33 for the various applications of the two-thread converter.



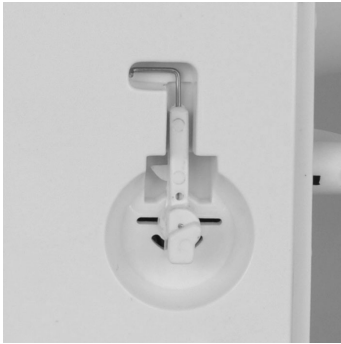
1. Switch off the machine and pull out the mains plug.
2. Open the front flap (12).
3. Depending on the desired seam (see table in section 10), remove the needle that is no longer required, and the threads for this needle and for the upper looper (see also “Replacing needles” on page 55).
4. Remove the two-thread converter (46) from the accessory compartment on the work table (16) when using for the first time.
5. Insert the two-thread converter in the recess on the upper looper (32).



Converting to two-thread operation



6. Then carefully turn the two-thread converter to the left and ensure that the point pin on the two-thread converter locks into place in the looper eye.
If necessary, use the tweezers to help.
7. Follow the specified steps in the reverse order to remove the two-thread converter.

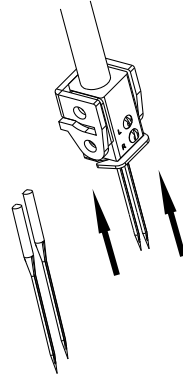


8. Place the two-thread converter that is not required in the holder (11) provided behind the front flap.

Tight and loose chaining with three threads

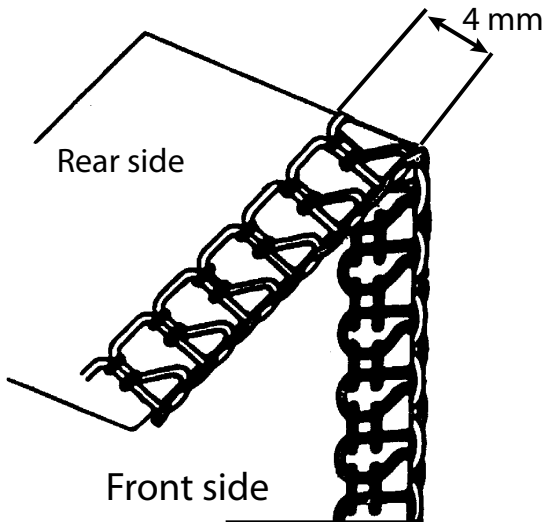
This machine can be converted from chaining four to three threads.

- Remove either the left or right needle (depending on the required seam) and the corresponding thread (see also “Replacing needles” on page 55).

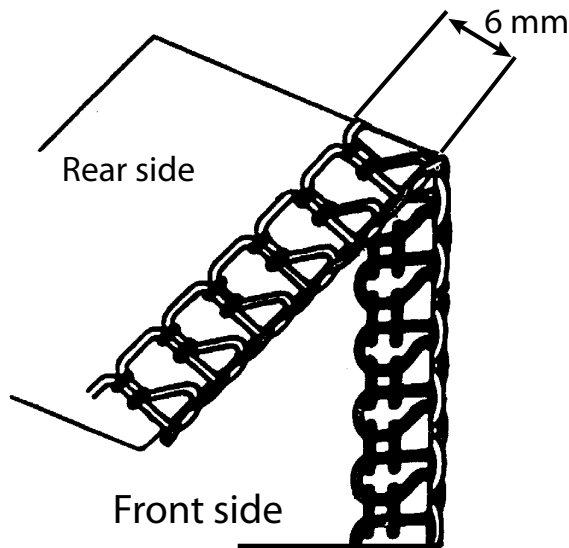


The machine is now ready for chaining with three threads.

In case of exclusive use of the right needle the stitch width is 4 mm.



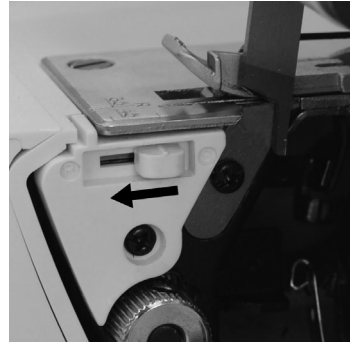
In case of exclusive use of the left needle the stitch width is 6 mm.



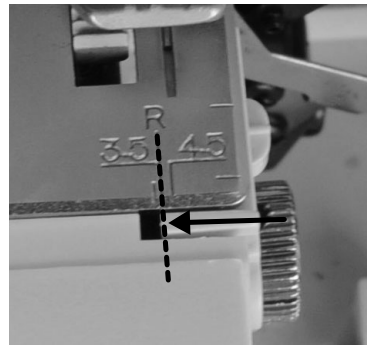
Stitch finger control

The stitch finger must be pulled back for rolled seams. To do so, set the stitch finger control to "R".

1. Switch off the machine.
2. Open the front flap (12).
3. Disengage the upper knife (29), as described in section "Disengaging the upper knife" on page 44.
4. Slide the stitch finger control (36) to "R".



5. Set the cutting width to "R".



6. Set the upper knife back to the original position.
7. Close the front flap.

The stitch finger control must be set to "S" for all standard overlock stitches.

1. Switch off the machine.
2. Open the front flap.
3. Disengage the upper knife (26), as described in section "Disengaging the upper knife" on page 44.
4. Slide the stitch finger control to "S".



5. Set the upper knife back to the original position.
6. Close the front flap.

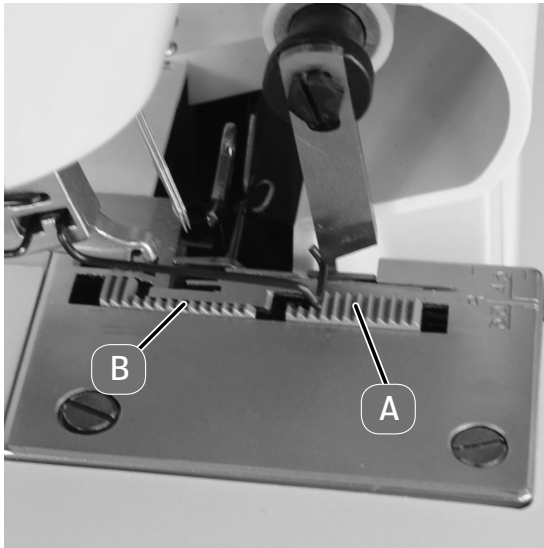
Differential feed

The differential feed prevents seams from becoming wavy on knit fabrics and prevents layers of fabric from slipping. It also prevents lightweight fabrics from puckering.

Functionality

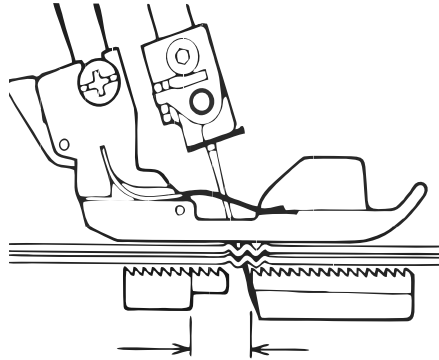
The machine has two sets of feed dogs, one front set (A) and one rear set (B). Both of these sets move independently. Due to the feed, both sets of feed dogs can move at different speeds.

The feed can be set from 0.7 (negative feed) to 2.0 (positive feed).



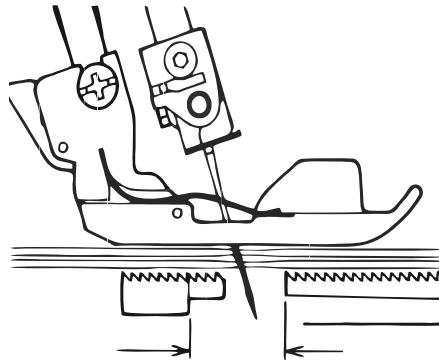
Positive differential feed

With positive differential feed, the front feed dogs (A) move further than the rear feed dogs (B). This "amasses" fabric under the presser foot, preventing the fabric from becoming wavy.



Negative differential feed

With negative differential feed, the front feed dogs (A) do not move as much as the rear feed dogs (B). This stretches fabric under the presser foot, offsetting unwanted puckering of the fabric.



Setting the differential feed

The differential feed is set by turning the differential feed control (28). The feed can also be set while sewing.



Use the following table to select a setting:

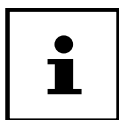
Application	Feed type	Setting
Non-wavy seams, desired puckering	Positive differential feed	1-2
No differential feed	Neutral feed	1
Pucker-free seams	Negative differential feed	0.7-1

Setting the presser foot pressure

The presser foot pressure is set correctly for all common sewing tasks as standard and does not need to be adjusted.

If it nevertheless becomes necessary to adjust the pressure of the presser foot, you can regulate this using the setting screw for the presser foot pressure (22) on top of the machine.

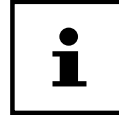
1. Hold the handle up and guide a small screwdriver into the setting screw opening.
2. Turn the screw clockwise to increase the pressure or anti-clockwise to decrease the pressure.



To restore the default setting, turn the screw clockwise until it strikes the upper cover. Then turn the screw anti-clockwise for 6 rotations. The default setting has now been restored.

Replacing needles

This machine is fitted with type 2022 80/11; 80/12 or 90/14 needles.

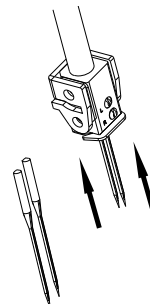
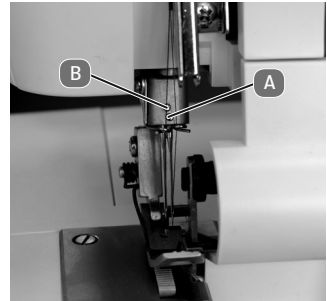


NOTICE!

Risk of damage!

Bent or blunt needles can cause damage to the machine and material.

- Switch off the machine.
- Replace the defective needle.
 1. Turn the handwheel (27) towards you until the needles are in the highest position.
 2. Loosen the clamp screw from the needle using the supplied small screwdriver from the accessory compartment and remove the needle: upper screw **(B)** for the left needle and lower screw **(A)** for the right needle.
 3. Push the new needles into the needle holder with the flat side facing to the back. When doing so, ensure that they are pushed in as far as possible.
 4. Tighten the needle clamp screw again.



Once the needles have been inserted correctly, the left needle is positioned slightly higher than the right. If the needles have not been inserted correctly, occasional stitches will be missed.

Replacing the knife

Switch off the machine and pull out the mains plug before replacing the knife.

Replacing the lower knife

Replace the lower knife in this way when it becomes blunt:

1. position the upper knife (29) upwards, as described above in section “Disengaging the upper knife” on page 44.
2. Use the large screwdriver from the accessory box to loosen the screw and remove the screw and lower knife.
3. Insert a new lower knife and tighten the screw.



Replacing the upper knife

1. Position the upper knife upwards, as described above in section “Disengaging the upper knife” on page 44.
2. Use the large screwdriver from the accessory box to loosen the screw and remove the screw and upper knife.

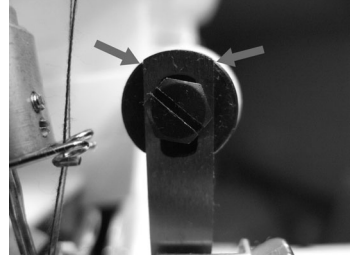


CAUTION!

Risk of crushing

The spring of the knife fitting dial is under high tension and the dial can therefore spring back when returning to the original position and there is a risk of crushing fingers.

- When replacing, proceed carefully and do not exert any pressure towards the dial with the screwdriver.
- 3. Insert a new upper knife so that the upper edge of the knife lines up with the knife fitting.



- 4. Tighten the screw.

Troubleshooting

Please read this section before contacting our Service Centre.

Problem	Cause	Solution	Page
Needles break	Needles are bent, blunt or the tip is damaged	Insert a new needle	55
	Needles are inserted incorrectly	Insert the needles correctly in the needle bar	55
	The fabric was pulled too roughly	Guide the fabric gently using both hands	
The thread breaks	Yarn has not been threaded correctly	Thread the yarn correctly	24
	Thread tension is too high	Adjust the thread tension	31
	Needles are inserted incorrectly	Insert the needle correctly in the needle bar	55
Stitches are missed	Needles are bent, blunt or the tip is damaged	Insert a new needle	55
	Needles are inserted incorrectly	Insert the needles correctly in the needle bar	55
	Yarn has not been threaded correctly	Thread the yarn again	24
	Incorrect needle inserted	Use the correct needles (type 2022)	55
Stitching is uneven	Thread tension is incorrect	Adjust the thread tension	31
	Thread sticks	Check the flow of the individual threads	24

Problem	Cause	Solution	Page
Seams pucker	Thread tension is too high	Adjust the thread tension	31
	Yarn has not been threaded correctly	Thread the yarn correctly	24
	Yarn is stuck	Check the flow of the individual threads	24
	Fabric feed has not been adjusted	Set the feed to 1–2	53
Fabric is not cut cleanly	Upper knife is blunt or inserted incorrectly	Replace the knife or insert it correctly	56
The edge of the fabric puckers	Fabric feed has not been adjusted	Set the feed to 0.7–1	41
	Too much fabric in one stitch	Adjust the cut width	
Lighting does not work	LED is defective	Contact our Service Centre.	

Storage

Store the sewing machine in a dry location to prevent rust from forming on the metallic mechanical parts.

Always use the supplied cover to prevent dust from getting into the sewing machine.

Cleaning and lubrication

To ensure your machine works properly, you must clean the mechanism from time to time using the brush from the accessory box and oil the relevant points.



Use only high-quality sewing machine oil to oil this sewing machine. You can obtain this from specialist retailers.

Use a dry, soft cloth to clean the exterior housing. Do not use chemical solvents or cleaning products because these may damage the appliance's surface and/or labelling.

This machine requires only a little oil, because the main components are made of a special material.

1. Disconnect the machine from the power supply before opening the machine.
2. Open the front flap (12). Remove the accumulated dust and lint using the lint brush from the accessories.



3. Add a couple of drops of oil at the marked point.
Use only high-quality sewing machine oil.



4. Close the front flap.
5. For test purposes, now sew test fabric, to check that the machine is working correctly. The excess oil is eliminated directly, without causing damage to your actual material.

Disposal



Packaging

Your overlock sewing machine has been packaged to protect it from damage in transit. Packaging materials are raw materials and can therefore be reused or recycled.



Appliance

Old appliances that carry the symbol illustrated may not be disposed of in ordinary household waste.

In accordance with Directive 2012/19/EU, these appliances must be disposed of correctly at the end of their service life.

This involves separating the materials in the appliances for the purpose of recycling and minimising the environmental impact.

Take old appliances to a collection point for electrical scrap or a recycling centre.

Contact your local waste disposal company or your local authority for more information on this subject.

www.recyclenow.com		
		
BOX	TRAY	FILM
CARD widely recycled	POLYSTYRENE check local recycling	PLASTIC not currently recycled

Technical specifications

Voltage:	AC 220–240 V ~ 50 Hz
Power consumption:	Total output: 90 W Motor: 90 W Light: 1 W (LED)
Foot control:	Type: HKT72C Rated voltage: 220–240V ~ 50 Hz Protection class II 
Number of threads:	4 or 3
Number of needles:	2 or 1
Sewing speed:	Up to 1200 stitches per minute
Stitch width:	6 mm with 4 threads 6 mm or 4 mm with 2 or 3 threads
Stitch length:	F (~1.0 mm) to 4 mm
Presser foot height:	4.5 mm
Needle:	2022 no. 80/11; 80/12 and 90/14
Dimensions:	approx. 334 mm x 289 mm x 262 mm (WxHxD)
Weight:	approx. 6.1 kg

Service information

Please contact our Customer Service team if your device ever stops working the way you want or expect it to. There are several ways for you to contact us:

- In our Service Community, you can meet other users, as well as our staff, and you can exchange your experiences and pass on your knowledge there. You will find our Service Community at community.medion.com.
- Alternatively, use our contact form at www.medion.com/contact.
- You can also contact our Service team via our hotline or by post.

Opening times	Hotline number UK
Mon – Fri: 08.00 – 20.00	① 0333 3213106
Sat – Sun: 10.00 – 16.00	Hotline number Ireland
	① 1 800 992508
Service address	
MEDION Electronics Ltd. 120 Faraday Park, Faraday Road, Dorcan Swindon SN3 5JF, Wiltshire United Kingdom	



You can download this and many other sets of operating instructions from our service portal at www.medion.com/gb/service/start/.

You will also find drivers and other software for a wide range of devices there.

You can also scan the QR code on the side of the screen, to download the operating instructions onto your mobile device from the service portal.

Legal notice

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Date: 24.09.2020

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Mechanical, electronic and any other forms of reproduction are prohibited without the written permission of the manufacturer.

Copyright is owned by the company:

MEDION AG

Am Zehnthof 77

45307 Essen

Germany

Please note that you cannot use the above address for returns. Please always contact our Customer Service team first.

Privacy statement

Dear Customer,

We wish to inform you that we, MEDION AG, Am Zehnthof 77, 45307 Essen, Germany process your personal data as a data controller.

For matters regarding data protection, we are supported by our company data protection officer, who can be contacted at MEDION AG, Datenschutz, Am Zehnthof 77, D – 45307 Essen; datenschutz@medion.com. We process your data for the purpose of warranty processing and associated processes (e.g. repairs) and rely on the sales contract concluded with us when processing your data.

Your data will be provided to repair service providers contracted by us for the purpose of warranty processing and associated processes (e.g. repairs). We generally store your personal data for a period of three years in order to fulfil your legal warranty rights.

You have the right to be informed of the personal data concerned as well as the right to rectification, erasure, restriction of processing, the right to object to processing and the right to data portability.

In the case of the right to be informed and the right to erasure, restrictions apply according to paragraphs 34 and 35 of the BDSG (Federal Data Protection Act) (Art. 23 of the GDPR). In addition, there is a right of appeal to a competent data protection supervisory authority (Article 77 of the GDPR in conjunction with paragraph 19 of the BDSG). For MEDION AG, this is the state official for data protection and freedom of information North Rhine-Westphalia, PO box 200444, 40212 Düsseldorf, Germany, www.ldi.nrw.de.

The processing of your data is necessary for warranty processing: it is not possible to process the warranty without the provision of the required data.

Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 3 years after date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product, please contact us via our helpline support services, details of which are to be found both in this manual and on the product itself.



PRODUCED IN CHINA FOR:

MEDION AG
AM ZEHNTHOF 77
45307 ESSEN
GERMANY

AFTER SALES SUPPORT

709395



GB

0333 3213106

Standard local land-
line call rate

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1 800 992508

Free hotline



www.medion.co.uk

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02/2021

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**YEAR
WARRANTY**