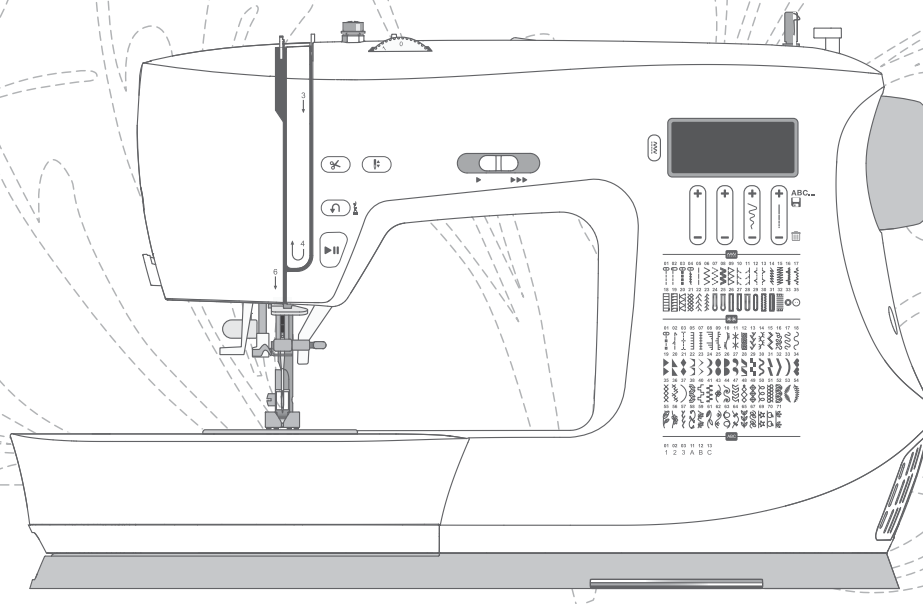


# INSTRUCTION MANUAL

C7200 / C7205 / C7220 / C7225  
C7250 / C7255



**SINGER®**



This household sewing machine is designed to comply with IEC/EN 60335-2-28 and UL1594.

## **IMPORTANT SAFETY INSTRUCTIONS**

When using an electrical appliance, basic safety precautions should always be followed, including the following: Read all instructions before using this household sewing machine. Keep the instructions at a suitable place close to the machine. Make sure to hand them over if the machine is given to a third party.

### **DANGER – TO REDUCE THE RISK OF ELECTRIC SHOCK:**

- A sewing machine should never be left unattended when plugged in. Always unplug this sewing machine from the electric outlet immediately after using and before cleaning, removing covers, lubricating or when making any other user servicing adjustments mentioned in the instruction manual.

### **WARNING – TO REDUCE THE RISK OF BURNS, FIRE, ELECTRIC SHOCK, OR INJURY TO PERSON:**

- Do not allow to be used as a toy. Close attention is necessary when this sewing machine is used by or near children.
- Use this sewing machine only for its intended use as described in this manual. Use only attachments recommended by the manufacturer as contained in this manual.
- Never operate this sewing machine if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the sewing machine to the nearest authorized service center for examination, repair, electrical or mechanical adjustment.
- Never operate the sewing machine with any air openings blocked. Keep ventilation openings of the sewing machine and foot control free from the accumulation of lint, dust, and loose cloth.
- Keep fingers away from all moving parts. Special care is required around the sewing machine needle.
- Always use the proper needle plate. The wrong plate can cause the needle to break.
- Do not use bent needles.
- Do not pull or push fabric while stitching. It may deflect the needle causing it to break.
- Wear safety glasses.
- Switch the sewing machine off (“O”) when making any adjustment in the needle area, such as threading needle, changing needle, threading bobbin, or changing presser foot, etc.
- Never drop or insert any object into any opening.
- Do not use outdoors.
- Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
- To disconnect, turn all controls to the off (“O”) position, then remove plug from outlet.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- The foot control is used to operate the machine. Avoid placing other objects on the foot control.
- Do not use the machine if it is wet.
- If the LED lamp is damaged or broken, it must be replaced by the manufacturer or its service agent or a similarly qualified person, in order to avoid a hazard.
- The power cord of the foot control can not be replaced. If the power cord is damaged, the foot control must be disposed.
- This sewing machine is provided with double insulation. Use only identical replacement parts. See instructions for Servicing of Double-Insulated Appliances.

# **SAVE THESE INSTRUCTIONS FOR EUROPE ONLY:**

## **FOR EUROPE ONLY:**

This appliance can be used by children aged from 13 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

The machine must only be used with foot control of type C-8000.

## **FOR OUTSIDE EUROPE:**

This sewing machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the sewing machine by a person responsible for their safety. Children should be supervised to ensure that they do not play with the sewing machine.

The machine must only be used with foot control of type C-8000.

## **SERVICING OF DOUBLE INSULATED PRODUCTS**

In a double-insulated product, two systems of insulation are provided instead of grounding. No ground means is provided on a double-insulated product, nor should a means for grounding be added to the product. Servicing of a double-insulated product requires extreme care and knowledge of the system and should be done only by qualified service personnel. Replacement parts for a double-insulated product must be identical to those parts in the product. A double-insulated product is marked with the words 'DOUBLE INSULATION' or 'DOUBLE INSULATED'.



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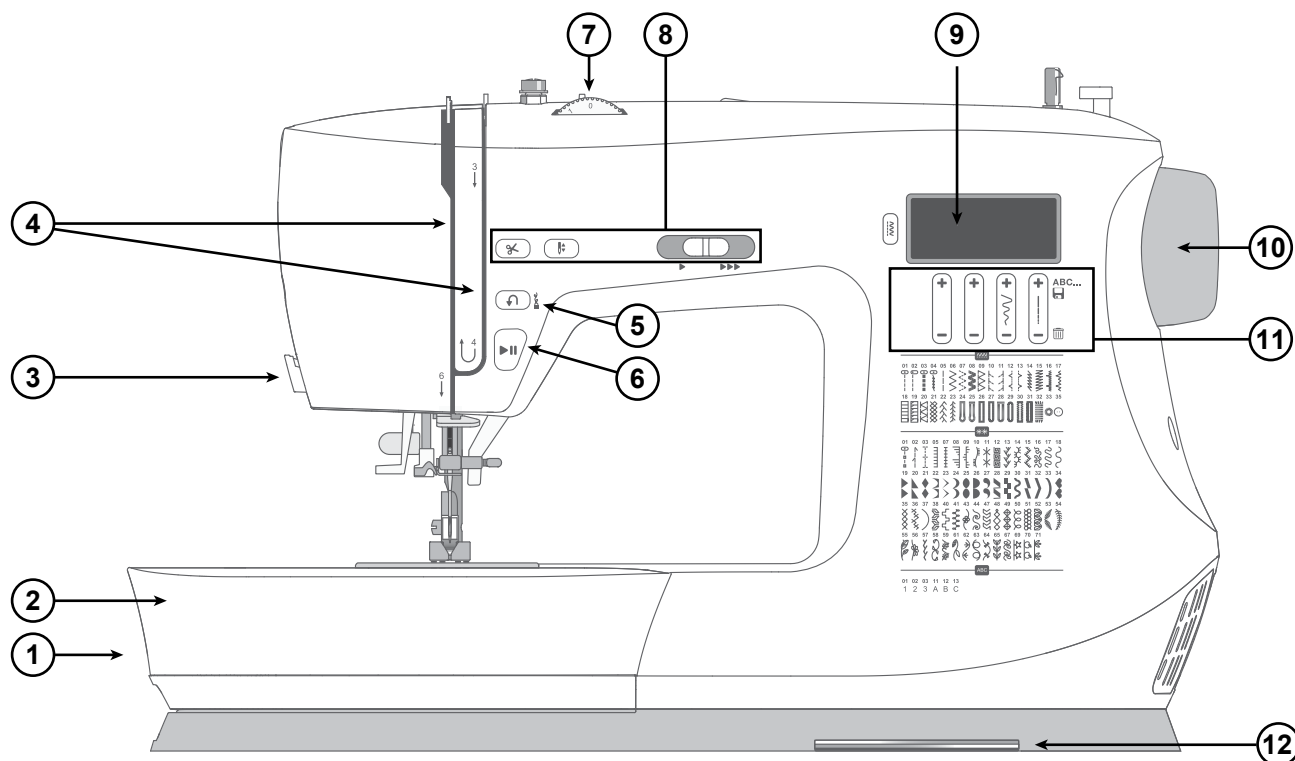
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# INTRODUCTION

## Intended Use

Optimal use and maintenance are described in these instructions. This product is not intended for industrial or commercial use. Additional assistance, by region, may be found online at [www.singer.com](http://www.singer.com).

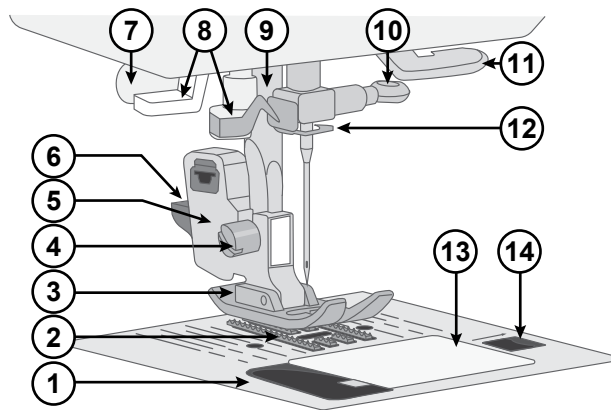
## Machine Overview



1. **Feed Teeth Lever** — Move from side to side to engage or disengage the feed teeth. Positioned at the back of the free arm.
2. **Accessory Tray / Free Arm** — Provides a flat surface when sewing and allows storage for your accessories. Remove the accessory tray to use the free arm which makes it easier to sew, e.g., trouser hems and sleeves.
3. **Thread Knife** — For trimming thread ends at the end of sewing.
4. **Threading Slots** — Thread paths with tension discs and take up lever.
5. **Reverse Button** — Press and hold to sew in reverse or to make a tie-off, e.g., when securing the beginning or ending of a seam.
6. **Start/Stop Button** — Press to start and stop sewing without using the foot control.
7. **Thread Tension Dial** — Adjustable for setting the desired tension for your stitch, thread and fabric.
8. **Machine Operation Controls** — Functions used to make your sewing more convenient.
9. **Display** — Current stitch and settings are displayed.
10. **Hand Wheel** — Used to manually control the movement of the needle and the thread take-up lever.
11. **Function Buttons** — Control the stitch width and the stitch length, as well as the pattern memory for Alphanumeric stitches.
12. **Stitch Chart** — View all stitches available on your machine.

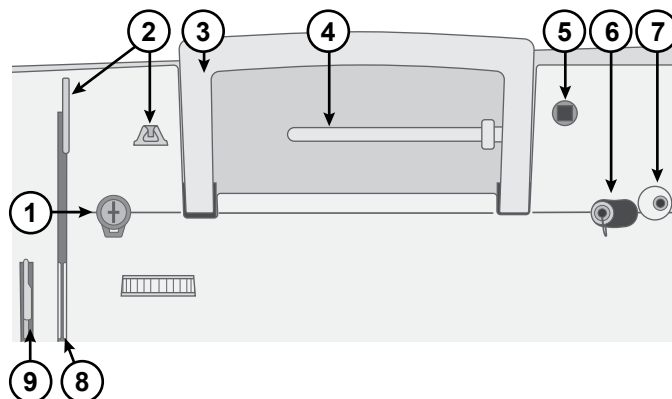
## Needle Area Overview

1. **Needle Plate** — provides a flat area around presser foot for sewing. Guidelines indicate various seam allowances used to guide fabric while sewing.
2. **Feed Teeth** — feed the fabric under the presser foot when sewing.
3. **Presser Foot** — holds fabric against feed teeth which draw fabric under the presser foot as you sew.
4. **Presser Foot Holder Screw** — loosen the screw to remove the presser foot holder.
5. **Presser Foot Holder** — holds the presser foot.
6. **Presser Foot Release Button** — press this button to release the presser foot from the holder.
7. **Buttonhole Lever** — used for buttonhole sewing.
8. **Built-in Needle Threader** — thread the needle quickly and easily.
9. **Presser Foot Bar** — accommodates the presser foot holder.
10. **Needle Clamp Screw** — secures the needle.
11. **Thread Guide** — helps maintain thread flow when sewing.
12. **Needle Thread Guide** — helps maintain thread flow when sewing.
13. **Bobbin Cover** — protects the bobbin while sewing.
14. **Bobbin Cover Release Button** — push to open the bobbin cover.



## Top of Machine

1. Bobbin winding tension disc
2. Thread guides
3. Handle
4. Spool pin
5. Hole for auxiliary spool pin
6. Bobbin winding spindle
7. Bobbin winding stopper
8. Thread tension discs
9. Thread take-up lever





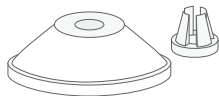
## Overview Accessories



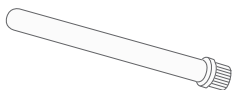
**Bobbin x4** — Only use the type of transparent bobbins delivered with your machine (SINGER® Class 15 transparent bobbins). One of the bobbins is inserted in the machine upon delivery.



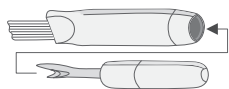
**Felt Pad** — Used to cushion the spool of thread when using the Auxiliary Spool Pin.



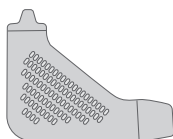
**Spool Cap** — Two sizes (large and small) for various thread spool styles.



**Auxiliary Spool Pin** — For sewing with large thread spools or when using specialty threads.



**Brush and Seam Ripper** — Used to remove stitches/brush off lint.



**L-Screwdriver** — Used to remove the needle plate, presser foot holder or needle screw.

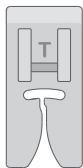


**Edge/Quilting Guide** — Used for straight and accurate sewing, e.g., when quilting. Insert the guide into the slot at the back of the presser foot holder. Adjust the position to fit your project.

## Included Accessories (Not Pictured)

- Needles
- Foot control
- Power cord
- Extension Table (*only available for C7220 / C7225 / C7250 / C7255*)

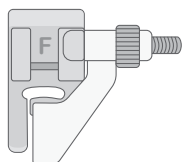
## Presser Feet



### All Purpose Foot (T)

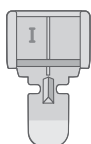
(attached to the machine upon delivery)

This foot is used for general sewing on most types of fabric. The bottom of the foot is flat, so that the fabric is held down firmly against the feed teeth while sewing. It also has a wide slot so that the needle can move from left to right, depending on which stitch you sew.



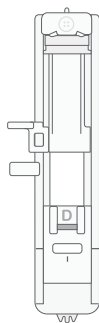
### Blind Hem Foot (F)

The Blind Hem Foot is used for sewing blind hems in garments and home decor. There is an adjustable guide with an extension at the front, used to guide the fold of the hem while stitching.



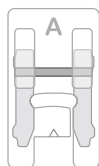
### Zipper Foot (I)

This foot is used for inserting zippers. Attach the foot to the presser foot holder on either side of the foot, depending on which side of the zipper is being sewn. The Zipper Foot can also be used to create and insert piping.



### One-Step Buttonhole Foot (D)

This foot allows you to make perfectly sized buttonholes for your button. It has a space at the back for a button, used to set the size of the buttonhole. The machine will automatically sew a buttonhole to fit that button size.



### Satin Stitch Foot (A)

The Satin Stitch Foot is used for satin stitches and other more dense decorative stitches. It has a groove on the underside that allows the dense stitching to pass freely underneath the foot.




## Optional Accessories

Additional optional accessories are available for your machine. Check with your authorized SINGER® retailer for more information.




















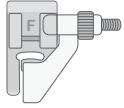

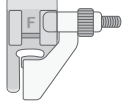


## Stitch Overview




















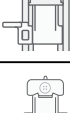

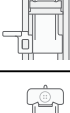

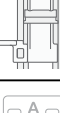


### Choosing Utility and Decorative Stitch Patterns

The stitches described in the below chart are utility stitches, used mainly for utility sewing.

The machine will automatically default to the  Pattern Mode and Straight Stitch when turned on. You can also select the  mode for additional decorative stitches or the  mode for Alphanumeric Stitch Patterns. Choose the mode and then press the two left + or - Pattern Adjustment Button to select the number of the stitch that you desire.

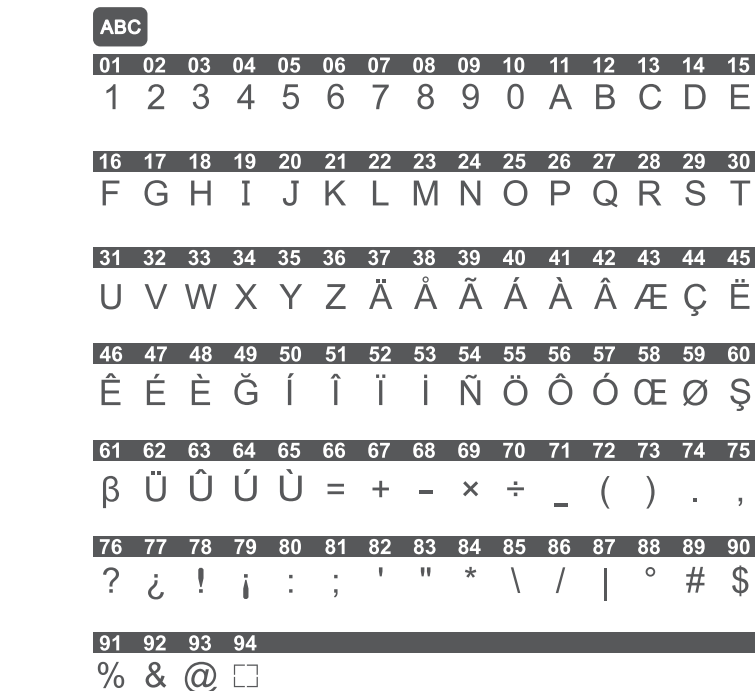
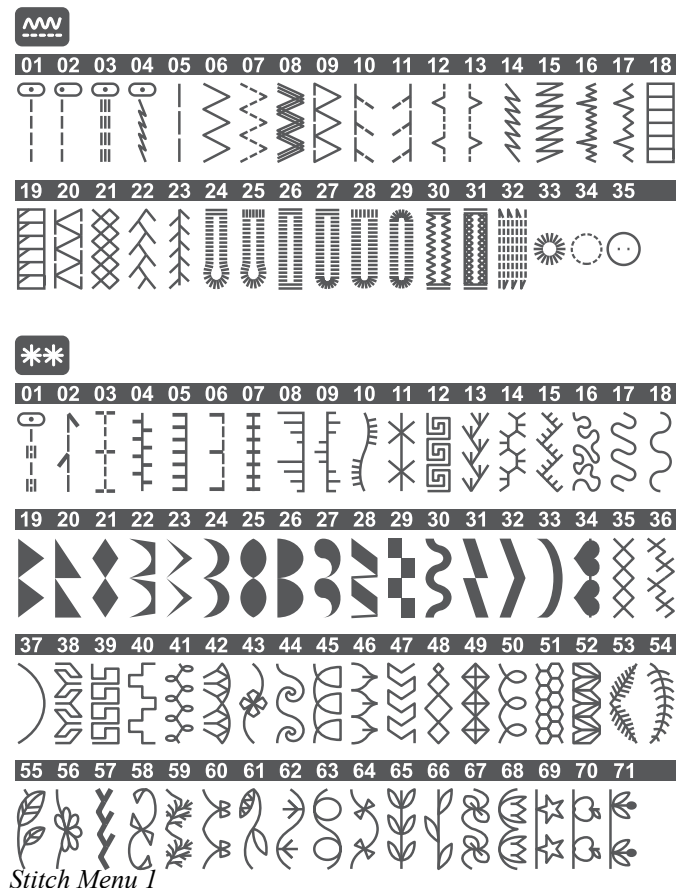
When sewing, use a thread tension between 3–5. Always test sew on a piece of scrap fabric, and adjust the tension if necessary.

			Application
	Straight Stitch Center Position		The basic stitch used for sewing. The most common use for a straight stitch is to sew two pieces of fabric together.
	Straight Stitch Left Position		For all types of sewing.
	Straight Stretch Stitch		Stronger than a regular straight stitch, on stretch knit fabrics, because it locks three times — forward, backward and forward again. Use it to reinforce seams of sportswear and for curved seams which take a lot of strain.
	Stretch Stitch		For seams in tricot and stretch fabrics.
	Zigzag Stitch		A very versatile stitch for decorative sewing, appliqué, attaching trims, and more.
	Multi-Step Zigzag Stitch		Finish seam allowances to prevent the fabric from unravelling. When seam finishing, the smaller step of the stitches will help keep fabric more flat than a regular zigzag. It can also be used for mending tears and sewing elastic.
	Reinforced Zigzag Stitch		For joining fabric edge to edge or decorative sewing.
	Overlock Stitch		Sew seam and overcast in one step. For medium and medium/heavy stretch fabrics.
	Blind Hem Stitch		Sew hems that are practically invisible from the right side of the fabric. It is used for skirts, dresses, trousers, curtains, etc, made with non-stretch fabrics.
	Stretch Blind Hem Stitch		Sew hems that are practically invisible from the right side of the fabric. It is used for garments and other projects made with stretch knit fabrics.
	Slant Overedge Stitch		Seam and overcast in one step. For medium and heavy stretch fabrics.

	Closed Overlock Stitch		Sew decorative hems and overlapped seams, belts and bands. For medium/heavy stretch fabrics.
	Honeycomb Stitch		For elastic insertion, decorative stitching, smocking, couching and hemming.
	Buttonhole		Sew buttonholes on home decór, garments, crafts and more.
	Rounded Bartack Buttonhole		For light weight fabrics.
	Rounded Bartack Buttonhole, Reinforced		For light weight fabrics.
	Keyhole Buttonhole		Square end for tailored jackets, coats, etc.
	Keyhole Buttonhole, Reinforced		Square end for tailored jackets, coats, etc.
	Rounded Buttonhole		Sew buttonholes on home decór, garments, crafts and more.
	Stretch Buttonhole		For stretch fabrics.
	Reinforce Stretch Buttonhole		For heavyweight knit (stretch) fabrics.
	Darning Stitch		Darn and mend small holes in work clothes, jeans, and more.
	Eyelet		For belts, laces, etc.
	Button Sewing Stitch		For sewing on buttons.

## Decorative Stitches

In addition to utility stitches, your machine features decorative and lettering stitches. When sewing these stitches, it is recommended to use a stabilizer underneath the fabric to help prevent the dense stitching from possibly puckering the fabric. It is also helpful to slightly reduce the upper thread tension. Always test sew on a piece of scrap fabric and adjust the upper thread tension if necessary.



# PREPARATIONS

## Unpacking the Machine

1. Place the box on a steady, flat surface. Lift the machine out of the box, and remove the packaging.
2. Remove all outer packing material and the plastic bag.
3. Wipe off the machine with a dry cloth to remove any lint and/or excess oil around the needle area.

*Note: Your sewing machine is adjusted to provide the best stitch result at normal room temperature. Extreme hot and cold temperatures can affect the sewn result.*

## Connect to the Power Supply

Among the accessories you will find the power cord and the foot control.

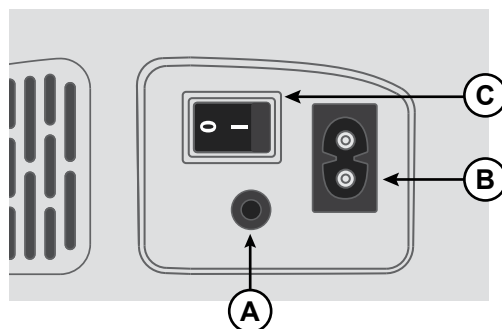
*Note: Consult a qualified electrician if in doubt as how to connect the machine to the power source. Unplug the power cord when the machine is not in use.*

On the bottom right side of the sewing machine, you find the connecting sockets and the ON/OFF button.

1. Connect the foot control cord to the front socket on the bottom right side of the machine (A).
2. Connect the power cord to the rear socket on the bottom right side of the machine (B). Plug the cord into the wall socket.
3. Press the ON/OFF switch (C) to "I" to turn on power and light.

Sewing speed is regulated by pressing the foot control. The maximum sewing speed can be adjusted using the Speed Control Lever.

*Note: After turning off the machine, residual power may remain in the machine. This could cause the light to stay on for a few seconds while the power is consumed. This is normal for an energy efficient appliance.*



### For the USA and Canada

This sewing machine has a polarized plug (one blade wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not modify the plug in any way.

## Packing Machine after Sewing

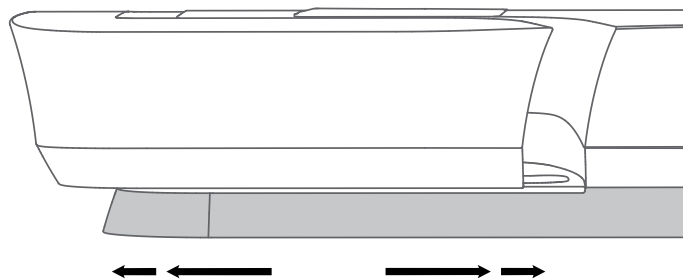
1. Switch the main switch off. After switching off, residual power may still remain in the machine. This may cause the light to stay on for a few seconds while the power is consumed. This is normal behavior for an energy efficient appliance.
2. Unplug the cord from the wall socket and then from the machine.
3. Wind the cord around the foot control for easy storage.
4. Place all accessories in the accessory tray. Slide the tray on to the machine around the free arm.
5. Place the foot control and cord in the space above the free arm.
6. Place the soft cover on the machine to help protect it from dust and lint.

## Free Arm/Removable Accessory Tray

Store presser feet, bobbins, needles and other accessories in the accessory tray so that they are easily accessible.

Keep the accessory tray on the machine to provide a larger, flat work surface.

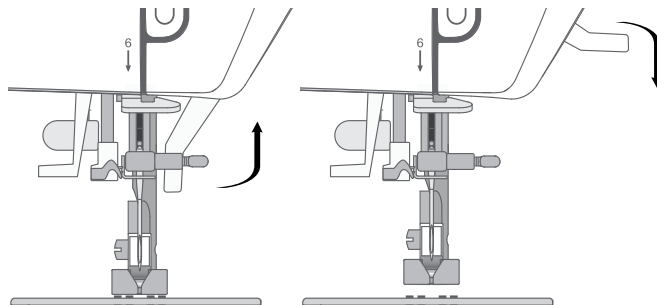
Use the free arm to facilitate sewing trouser legs and sleeve hems. To use the free arm, slide off the accessory tray. When attached, a hook keeps the accessory tray securely attached to the machine. Remove the tray by sliding it to the left.



## Presser Foot Lifter

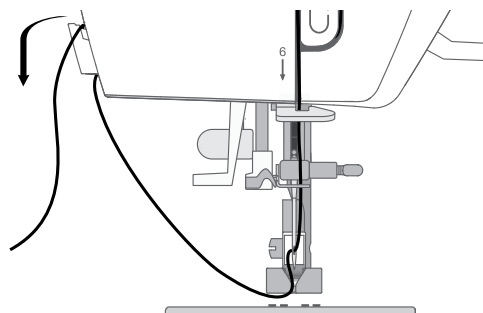
The presser foot lifter is located at the right side of the sewing machine head. The lever is used to raise and lower the presser foot. Raise the lever up for machine threading, lower it for sewing.

By raising the presser foot lifter and then pressing it farther upwards, the lift height of the presser foot is increased to an extra height allowing you to place thick fabric layers under the foot.



## Thread Knife

To use the thread knife, pull the thread from back to front as illustrated. Doing this will leave the thread ends long enough so that the needle doesn't become unthreaded when you start to sew again.



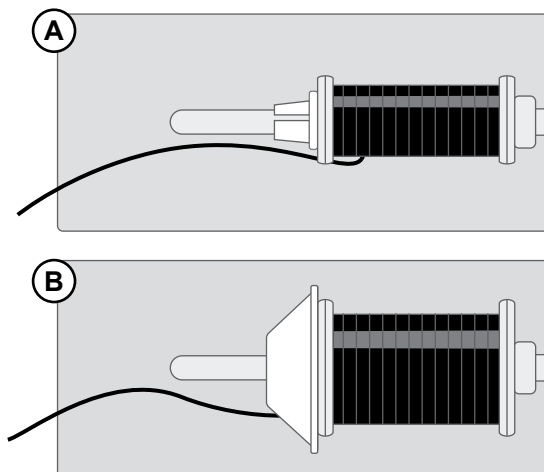
## Spool Pin

Your machine has two spool pins, a main spool pin and an Auxiliary Spool Pin. The spool pins are designed for various types of thread. The main spool pin is used in a horizontal position (the thread reels off the spool) and the Auxiliary Spool Pin in a vertical position (the thread spool rotates). Use the horizontal position for normal threads and the vertical position for large spools or specialty threads.

### Main Spool Pin

Place the thread spool on the spool pin. Make sure that the thread reels off the spool counter clockwise and slide on a spool cap. Use a spool cap slightly larger than the thread spool. For narrow thread spools (A), use a smaller spool cap in front of the spool. For large thread spools (B), use a larger spool cap in front of the spool. The flat side of the spool cap should be pressed firmly against the spool. There should be no space between the spool cap and the thread spool.

*Note: Not all thread spools are manufactured in the same way. If you experience problems with the thread, turn it in the opposite way or use the vertical position.*



### Auxiliary Spool Pin

The Auxiliary Spool Pin is used when winding a bobbin thread from a second spool of thread or when sewing with large spools or with specialty threads. Insert the Auxiliary Spool Pin into the designated hole at the top of the machine. Place a felt pad under the thread spool. This is to prevent the thread from reeling off too fast. Do not place a spool cap on top of the spool pin as that would prevent the spool from rotating.

