

Singer® Futura™ CE-250



7 Presser Feet

All purpose, Special Purpose, Buttonhole, Zipper, Adjustable Blind Hem Foot, Button Sewing foot, Embroidery foot

100 Stitches Total, Includes 6 Buttonholes
120 Built-In Designs

5 Fonts – Arial Large, Block Large, Courier, Script 2, and Times Large

2 Hoops

Futura™ Features:

- AUTOMATIC NEEDLE THREADER – Effortless threading
- JAM-PROOF BOBBIN SYSTEM – Top loading, quiet, smooth jam-proof bobbin system.
- OPTIMUM POWER CONTROL – Provides precise piercing power regardless of sewing speed.
- EXTRA-HIGH PRESSER FOOT LIFTER – There are two heights to the lifter. The second provides a full ¼” more clearance.
- SELF-LUBRICATING - Because the machine is permanently lubricated, no oil gets on fabrics.
- WARNING SIGNALS – Audible warning messages alert the sewer, ensuring trouble-free sewing.
- ALUMINUM FRAME – This rigid support holds all the mechanisms in perfect alignment for perfect, skip-free sewing.
- TWIN NEEDLE SAFETY FUNCTION – Automatically reduces stitch width on decorative patterns to prevent needle breakage when sewing with a twin needle.
- 7mm STITCH WIDTH – Most stitches can be set for a maximum of 7mm.



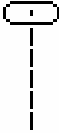




- NEEDLE UP AND DOWN – Allows for the needle to be placed in either the raised or lowered position with a simple push of a button.
- OPTIMAL STITCH SETTINGS – Optimal settings for length and width are automatically set when choosing a stitch.
- 13 NEEDLE POSITIONS – Needle position can be changed for individual projects, such as inserting zippers or cording, and topstitching.
- 3 STAY BRIGHT LED LIGHTS – More light for your sewing and embroidery areas.




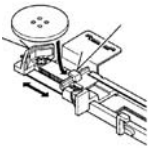
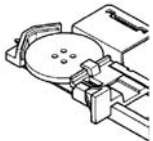
Futura™ Embroidery Features

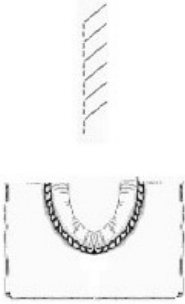


- CONNECTS DIRECTLY TO COMPUTER via USB CABLE – Eliminates the need for conversion boxes and tools.
- WINDOWS® COMPATIBLE – Operates with any computer with an Operation System of Windows® 2000 or higher.
- OPERATIONAL TUTORIAL INCLUDED – Step-by-step tutorial to help even a learner using the embroidery features of the machine.
- 120 BUILT-IN DESIGNS – Includes animals, holidays, flowers, and more.
- BUILT-IN LETTERING PROGRAM – Select from at least 5 fonts and 30 lettering frames.
- OUTLINE LETTERING – Outline lettering with a running stitch or satin stitch outline.
- READS ALL POPULAR HOME EMBROIDERY DESIGN FORMATS – All popular formats accepted.
- DESIGN BROWSER – This function of the software provides for viewing several designs at one time, in order to scroll through and view design collections.
- COMBINE DESIGNS – Multiple designs can be combined into one design file.
- 3-D REALISTIC VIEW – Design on screen shows the stitches as they will look when sewn out.
- 3-D REALISTIC PRINT – Print the design in 3-D, useful for printing templates.
- CHANGE COLORS – Select colors for an embroidery design. Software includes thread charts, with color numbers, for several of the most popular brands of embroidery thread.
- TRACE DESIGN – Trace the outline of the design in the embroidery hoop for more accurate design positioning.

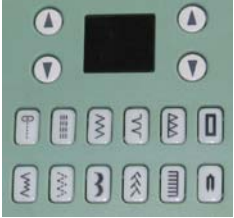
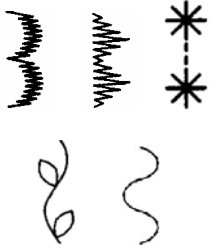




- 1 DEGREE INCREMENT ROTATION – Rotate embroidery designs in increments as small as 1 degree for precise positioning.
- REDUCE OR ENLARGE – When changing design size, the software automatically recalculates the stitch density.
- AUTO PUNCH SOFTWARE – Automatically digitize custom embroidery using your own images or clip art with control over stitch settings.
- AUTOMATIC SOFTWARE UPDATES – The latest software enhancements can be downloaded automatically from within the Futura software.
- AUTOMATIC FIRMWARE UPDATES - The latest machine firmware enhancements can be downloaded automatically or manually from within the Futura software.
- 2 EMBROIDERY HOOPS INCLUDED – A large 4½” x 6¾” hoop and a smaller 3⅛” x 4¾” hoop included.

Feature	Technique	Benefit
<p>SEWING ON ALL TYPES OF FABRICS</p>    	<p>(KITE-TAIL/ JEANS HEM)</p> <p>FABRIC: Woven Medium chino</p> <p>SELECT: Center Needle straight Stitch (00)</p> <p>USE: All-Purpose Presser Foot</p> <p>SEW: Line up the fabric edge with the 5/8" seam guide on the stitch plate.</p> <p>FABRIC: Stretch Lightening stitch(42)</p> <p>SELECT: Straight Stretch Stitch</p> <p>USE: All-Purpose Presser Foot</p> <p>SEW: Line up the fabric edge with the 5/8" seam guide on the stitch plate.</p> <p>FABRIC: Woven Heavy denim</p> <p>SELECT: Center Needle Straight Stitch (00)</p> <p>USE: All-Purpose Presser Foot</p> <p>SEW:</p> <ul style="list-style-type: none"> • Fold denim in half (wrong sides together). • Sew along the fold using 5/8" seam allowance • Fold the seam to one side • Topstitch down in place • Fold up raw edge twice to form a hem • Sew hem in place 	<ul style="list-style-type: none"> • Singer Futuras sew all different types of fabrics without having to change the tensions. • The electronic foot control and penetration power of the Singer Futura sewing machines will handle any of your heavy-duty projects: • Hemming jeans • Home dec • Craft sewing with specialty fabrics • The Automatic Pressure System automatically adjust the pressure for sewing on fabrics from the lightest weight tricots to the heaviest denim, to maximize feed accuracy.
<p>EASY THREADING</p> 	<p>SHOW THREADING THE TOP THREAD</p> <ul style="list-style-type: none"> • Raise the presser foot. • Turn the hand wheel toward you until the needle is in its highest position and the thread take-up is visible. • Guide the thread through the first guide and make sure to "floss" the tension with thread so you can see the tension wheel move. 	<ul style="list-style-type: none"> • The clear guide at the beginning of the thread path makes correct threading easy. • The built-in needle threader makes threading easy. • Notice the handy thread cutter on the back. • An auxiliary spool pin is built in for multiple size spools. No need to look for extra accessories.

Feature	Technique	Benefit
	SHOW <ul style="list-style-type: none"> • Built-in needle threader • The additional spool pin for twin needle sewing. 	
EASY BOBBIN WINDING 	SHOW: <ul style="list-style-type: none"> • Where the bobbin is wound • Bobbin stop 	<ul style="list-style-type: none"> • The bobbin winder automatically disengages the needle for bobbin winding and the automatic bobbin stop prevents over-winding.
WORRY-FREE TENSION 	<ul style="list-style-type: none"> • Show the upper thread tension control. • Show how the normal range is indicated on the tension dial with an “S” for sewing and an “E” for embroidery. 	<ul style="list-style-type: none"> • Tension adjustment is not needed on the Singer Futura for many types of fabrics. • It is simple and easy to set the thread tension for embroidery by just selecting “E”.
PERFECT REPEATING BUTTON-HOLES   	SHOW A BUTTONHOLE SAMPLE FABRIC: Woven Medium Chino and stabilizer SELECT: Buttonhole Stitch (94), and reduce upper thread tension to 4. USE: Buttonhole foot SEW: <ul style="list-style-type: none"> • Fold medium weight woven fabric in half with a piece of stabilizer between the layers. • Attach the Buttonhole foot. • Place the button in the adjustable measuring guide on the back of the foot. • Slide the button holder against the button to hold it tight. • Position the fabric under the presser foot. • Lower the buttonhole lever so it drops down vertically between the stoppers (not touching either stopper). • Hold the end of the upper thread and start sewing 	<ul style="list-style-type: none"> • Choose from 6 different one-step buttonholes. • Buttonhole sewing is a one-step process that provides reliable results because the sides of the buttonhole sew the same direction to prevent gaps in stitching or fabric distortion. • Hard-to-sew fabrics are easier when you use the special buttonhole “underfoot”.
PERFECT FABRIC FEEDING	<ul style="list-style-type: none"> • The 4-segment feeding system is shown in the kite-tail demonstration. 	<ul style="list-style-type: none"> • The specially designed feed dogs ensures that the fabric is picked up and supported from the front of the presser foot to the rear. This makes for much more accurate feeding.

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<p>SLANT OVEREDGE STITCHES (SIMULATED SERGING)</p> 	<p>FABRIC: Stretch Medium sweatshirt fleece and ribbing</p> <p>SELECT: Slant Overedge Stitch (25)</p> <p>USE: All-Purpose Presser foot</p> <p>SEW:</p> <ul style="list-style-type: none"> • Cut a small neckline in a piece of sweatshirt fleece (fold in half and cut a small curve). • Fold ribbing in half lengthwise, stretch to fit curve of fabric. • Place fabric under the foot. • Select needle down • Sew near fabric edge creating a neckline. 	<ul style="list-style-type: none"> • Sew the seam and overcast the edges at the same time. • The Slant Overedge stitch prevents raveling of the seam allowance on a woven fabric and creates a seam that will stretch on knit fabrics.
<p>EASY BLIND HEM</p> 	<p>FABRIC: Woven Medium wool</p> <p>SELECT: Stretch Blind Hem Stitch (04)</p> <p>USE: Blind Hem foot</p> <p>SEW:</p> <ul style="list-style-type: none"> • Fold fabric for a blind hem. • Keep fold along the left edge of the white guide on presser foot. • Sew the hem with the fold riding along the guide of the foot, just catching the fold with the wide left swing of the needle as you stitch. • Adjust the position of the stitch with the guide as needed to catch just a thread from the fold. 	<ul style="list-style-type: none"> • With 13 different needle positions, you can "fine tune" the blind hem by adjusting the stitch width of the blind hem for different types of fabric. • The guide on the foot makes it easy to adjust the blind hem setting for perfect results.
<p>13 NEEDLE POSITIONS</p> 	<p>FABRIC: Woven Medium chino</p> <p>SELECT: Center Straight Stitch (00)</p> <p>USE: Multi-Purpose Presser foot</p> <p>SEW:</p> <ul style="list-style-type: none"> • Fold fabric in half • Keeping fold along the outside right edge of the presser foot, sew a seam. • Use the Stitch Width control to change the position of the needle. • Slide the control until the LED indicator light turns orange to indicate the Auto setting. • Slide the control knob to the left or right. The LED will blink 3 times in green and a beep will sound. 	<ul style="list-style-type: none"> • 13 needle positions make it easy for cording, piping, or inserting zippers, topstitching, and edgestitching. • Needle position can easily be changed for individual projects.

Feature	Technique	Benefit
JAM-PROOF BOBBIN	<p>FABRIC: Woven Medium calico</p> <p>SELECT: Straight Stitch Center Needle Position (00)</p> <p>USE: All-Purpose Presser foot</p> <p>SEW:</p> <ul style="list-style-type: none"> • Piece quilt strips together with one continuous seam, stitching “on air” between the fabric strips. 	<ul style="list-style-type: none"> • With the no-jam floating hook system, you can even sew off the fabric. • The Futura allows easy strip piecing because of this feature. • A wonderful feature for the quilter, home dec sewer, garment sewer – everyone!
EASY-TOUCH STITCH SELECTION 	<p>SHOW:</p> <ul style="list-style-type: none"> • The Direct Selection buttons have stitches printed on them. • To choose other patterns, use the up and down arrow buttons located to the left of the Number Display to select the left digit and the buttons to the right to select the right digit. 	<ul style="list-style-type: none"> • Frequently used patterns are available by the Direct Selection buttons. Push a desired button and it lights up to show it is ready to sew. • The Pattern Reference Guide is located at the lower right corner of the machine. No need to get the Owner’s Manual just to choose your stitch.
BUILT-IN DECORATIVE STITCHES 	<p>SHOW DECORATIVE STITCH SAMPLE</p> <p>FABRIC: Woven Medium chino and stabilizer (under the fabric).</p> <p>SELECT: One of the following: Crescent (09), Pyramid (23), Star (07), Vine (15) or Serpentine (16)</p> <p>USE: Satin Stitch foot</p> <p>SEW:</p> <ul style="list-style-type: none"> • On a piece of medium weight woven fabric and stabilizer, sew the decorative stitches. 	<ul style="list-style-type: none"> • Decorative stitches are a great way to add interest to a project or even embellish a ready-to-wear garment. • With so many decorative stitch options, you can combine rows of stitching to make your sewing unique.
ALPHABETS/ MONOGRAMS	<p>SHOW A LETTERING SAMPLE</p>	<p>The Futura 250 comes with 5 different fonts to embroider.</p>
MACHINE SETTING ADVICE	<p>SHOW THE PATTERN REFERENCE CARD</p>	<p>Simply pull out the Pattern Reference Guide (lower right corner) to select the stitch or buttonhole you want to sew. Enter the number and you are ready. No need to look in your Owner’s Guide.</p>

Feature	Technique	Benefit
<p>QUILTING FEATURES</p> 	<p>SHOW A QUILTING SAMPLE</p> <p>FABRIC: Calico top and bottom with cotton batting in between.</p> <p>SELECT: Feather Stitch (11)</p> <p>USE: Satin Stitch foot</p> <p>SEW:</p> <ul style="list-style-type: none"> • Use the feather stitch on the calico “sandwich” to show how quilters can use this stitch for crazy patch. 	<ul style="list-style-type: none"> • Use the decorative stitches to give your quilts your own special look. • Quilting is easy with the “Hand-look” quilting stitch (02) • With so many quilting stitches to choose from the only difficult part of your quilt will be deciding which stitch to use.
<p>BUILT-IN HEIRLOOM FEATURES</p> 	<p>SHOW AN HEIRLOOM SAMPLE</p> <p>FABRIC: Woven Light linen with stabilizer</p> <p>INSERT: Wing Needle</p> <p>THREAD: Top and Bottom with fine embroidery bobbin thread (60wt).</p> <p>SELECT: Entredeux stitch (18)</p> <p>USE: Satin Stitch foot</p> <p>SEW: A row of entredeux stitches</p> <p>SELECT: Other heirloom stitches that can be sewn with the wing needle include Honeycomb (17), Pin (13), Ladder (19), and Star (07).</p>	<p>Heirloom sewing is very popular in many parts of the country. The Singer Futuras have been designed for this technique.</p> <p>Create heirlooms by machine without the tedious hand work.</p> <p>Additional decorative stitches for heirloom that do not use the wing needle are the Feather (11) and the Vine (15).</p>
<p>PROFESSIONAL QUALITY HOOP EMBROIDERY</p>	<p>SHOW EMBROIDERY SAMPLES OF HOOP SIZES</p> <p>SHOW:</p> <ul style="list-style-type: none"> • The customer the Singer® Futura™ CE-250 Embroidery Demo 	