SINGER®

Futura™ Model CE-350
Features and Benefits

General Features:	
New: Three Stay-Bright™ LED Lights	Three lights over the sewing area address a feature asked for by consumers - better lighting! With lights on each side of the needle area as well as one light over the large surface to the right of the needle, it is easier to see your work. An illuminated sewing area makes all your sewing more precise. Sewing is also more pleasurable because the well lighted sewing area reduces eye-stain often caused by working in low lighting.
Automatic Needle Threader	Effortless threading of the machine, including automatic threading of the eye of the needle!
Automatic Tension	This system ensures stable stitch quality, whatever the type of fabric being used.
Top Loading Jam-Proof Bobbin System with Clear Cover	This mechanism incorporates a rotating hook that ensures smooth, quiet jam-proof sewing. The bobbin loads from the top so it is easy to insert the bobbin. The clear cover makes it effortless to monitor the bobbin thread supply.
Optimum Power Control	The Optimum Power Control provides precise piercing power when sewing multiple layers or dense fabric. The piercing power is the same regardless of sewing speed.
Drop Feed	A conveniently located lever will lower the feed dogs for free-motion embroidery, machine embroidery, monograms and attaching buttons.
Extra-High Presser Foot Lifter	There are two heights to the presser foot lifter. The second height offers a ¼" more clearance which is needed when placing multiple layers or bulky fabrics under the presser foot.
Vertical Spool Holder	In addition to the machine's horizontal thread delivery, a second vertical spool holder is provided at the back of the machine, specially designed for many of today's threads.
Self-Lubricating	Because the machine is permanently lubricated, there is no need to oil the machine, and no oil gets on fabric.
Warning Signals	Audible warning messages alert the sewer, ensuring trouble-free sewing.
Aluminum Frame	The internal skeleton of the sewing machine. This rigid support holds all the mechanisms in perfect alignment for perfect, skip-free sewing.

New: Redesigned Accessory Tray	The machine's accessories are stored in the Removable Extension table. The covers for the accessory compartments have been redesigned as hinged covers, rather than removable lids. The covers are more secure and won't be misplaced.
Warranty	Futura has a 25 year limited warranty, including 5 years on electronic components and 1 year on adjustments.
Consumer's Choice	More sewers own SINGER® sewing machines than all other brands combined.* (* Source: Market Facts, March 2002)
Sewing Machine Features:	
Electronic Sewing Machine	Sewing machine has push button stitch selection. This means that the optimal settings for length and width are automatically set when choosing a stitch. They can be overridden to personalize length and width choice.
100 Built-In Stitch Programs	A large variety of stitches for construction, decorative sewing, heirloom sewing and quilting always ensures the perfect stitch for every project.
Built-In Stretch Stitches	Specially designed stitches that add strength and flexibility to seams, especially useful when sewing on knitwear.
Built-In Quilting Stitch	Create a hand-sewn quilted look with this unique stitch.
New: Twin Needle Function	Automatically reduces stitch width on decorative patterns to prevent needle breakage when sewing with twin needle.
Built-In Heirloom-Friendly Stitch Selection	Pin Stitch, Blanket Stitch, and Entredeux are a few of the popular heirloom stitches available.
7mm Stitch Width	Most stitches can be set for a maximum width of 7mm. When sewing decorative stitches or satin stitches, the wide stitches are bolder and more pronounced.
One-Step Built-In Buttonholes	Choose from 6 different one-step buttonholes. Buttonhole sewing is a one-step simple process that provides reliable results because the sides of the buttonhole sew the same direction to prevent gaps in stitching or fabric distortion.
New: Exclusive Buttonhole Underplate	This is a SINGER® developed system that sandwiches fabric between a lower plate and the foot, to ensure perfect buttonholes on multiple layers of fabric. Effectively, this is like a mini-embroidery hoop in which the machine feeds the <u>attachment</u>, rather than the <u>fabric</u>. It makes creating buttonholes possible in places that conventional buttonhole devices cannot easily reach.
New: Programmable Needle Up and Down	Select whether the needle is in up or down position when the machine stops. It is beneficial to have the needle stop in the *down* position when appliquéing, quilting or pivoting fabric. When removing fabric or picking the bobbin thread up, program the needle to raise to the highest position.

13 Needle Positions	Needle position can be changed for individual projects, such as inserting zippers or cording and topstitching.
Embroidery Features:	
Connects Directly to the Computer via USB Cable	First machine to connect directly to the computer, eliminating the need for conversion boxes or tools. This unique innovation gives you the same capabilities of other machines at a fraction of the cost.
Windows® Compatible	Operates with any computer with an Operating System of Windows® 2000 or higher, including Vista®.
Operational Tutorial Included	Step-by-step tutorial to help even a beginner with using the embroidery features of the machine.
Customer Support Site	Convenient, on-line help is always there when needed.
Auto-Punch™ Software Included	Automatically digitize custom embroidery using your own images or clip art with control over stitch settings.
120 Built-in Designs	Select from built-in designs including animals, holidays, flowers and more.
New: Built-in Lettering Program with 10 Fonts	Select from10 built-in fonts: Arial Large, Arial Rounded, Block Large, Block Small, Courier, Helvetica 2 colors, Kids, Script 1, Script 2 and Times Large. Letters can sized, rotated and shaped with 30 lettering frames such as arc, banner, wave and more.
New: Outline Lettering	Lettering can be created with a running stitch or satin stitch outline of the same color or a contrasting color.
Reads All Popular Home Embroidery Design Formats	All popular formats accepted. Download designs from the Internet or work from a collection on CD or floppy disk.
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 using paste design or copy and paste.
New: Convert Designs for Editing	Convert popular home and commercial format designs into a format that can be edited with the advanced editing tools.
New: Advanced Editing Tools	Edit the shape of selected design sections. Edit the design stitch-by-stitch. Apply preset or custom fill types to the design.
New: Advanced Fill Types	Use preset fill patterns or created custom fill patterns for Freeform, Column, Motif, Elastic Step, Pattern step, and Random fill types.
3-D Realistic View	This function of the software provides a preview of the selected design in a manner such that the stitches appear on screen as they will when sewn out on the fabric.

3-D Realistic Print	This function of the software provides for printing the 3-D realistic view. This is useful when creating placement templates.
Change Colors	This function of the software provides for selecting colors for an embroidery design. Software includes thread charts, with color numbers, for several of the most popular brands of embroidery thread.
New: Transmit design 4 ways	Embroidery designs can be transmitted to the Futura embroidery machine in 4 different ways. The design can be sent one color block at a time, the whole design can be sent at one time, the design can be sent in one color or the color sequence can be chosen during data transmission.
New: Trace Design	Trace the outline of the design in the embroidery hoop for more accurate design positioning.
Operates with Start/Stop Button	Use the Start/Stop button to start machine. When it is desired to stop sewing, press the Start/Stop again to stop sewing and have the needle stop at its highest position.
New: Embroidery Block Indication and Selection	When sending the whole design at once to the Futura machine, design color blocks are indicated on the control panel display. To select a block push numerical selection button.
Move forward or Backwards through a design	Move forward or backwards through the design using the Needle Stop position button or Reserve Stitch.
1 Degree Increment Rotation	Rotate embroidery designs in increments as small as 1 degree for precise positioning.
Reduce or Enlarge Design	When changing design size, the software automatically recalculates the stitch density.
New: Automatic Software Updates	The latest software enhancements can be downloaded automatically or manually from within the Futura software.
New: Automatic Firmware Updates	The latest software 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 with the machine.
New: CD Video Tutorial Workbook available as optional purchase	A Compact Disk Video Tutorial/Workbook for the Futura embroidery software is available. This CD tutorial helps guide you through use of the Futura software system operation and design creation. It also provides projects for embroidery and sewing on the Futura machine.
New: 3 Optional Software Packages Available	Choose from new, enhanced versions of HyperFont™, Auto Cross-Stitch™ and PhotoStitch™. The Editing software (an option for CE-150 & CE-250) is already in the basic CE-350 Futura software program.
Customer Service	Help is just a call or click away. Call 1-800-4SINGER, or visit www.singerco.com.