

# SINGER®

Curvy™  
SwiftSMART



## 8770 Features & Benefits

<b>Exclusive</b> SwiftSmart™ Threading System	Digital technology makes threading a cinch! All you have to do is guide the thread directly from the spool to the needle area through a single groove. Then, after effortlessly threading the machine, the needle eye is automatically threaded by simply pressing the Threader Lever, conveniently located at the side of the machine, for truly one-touch threading!
<b>Exclusive</b> Drop & Sew™ Bobbin System	Simply drop in the bobbin, then pull the thread through the specially designed needle plate and track. There's no longer any need to raise the bobbin thread before sewing. It's that easy!
3 StayBright LED™ Lights	Not just 1 but 3 lamps illuminate the sewing surface for optimal viewing. The long-lasting bulbs (100,000 hours) stays cool, regardless how long the machine is operated.
Electronic Sewing Machine with Push-Button Stitch Selection	With just a simple push of a button you have selected the stitch and the optimum settings for length, width, balance, pressure and tension.
173 Stitch Patterns Including 6 Styles of Fully Automatic, Precisely Balanced 1-step Buttonholes and 1 Manual Buttonhole	A large variety of stitches for construction, fashion sewing, quilting, heirloom, crafts, home decorating and decorative sewing, always ensures the perfect stitch for every project.
One-Step Automatic Precisely Balanced Built-In Buttonholes	Choose from 6 different one step buttonhole styles. Buttonhole sewing is a one step simple process, providing reliable results. Each side of the buttonhole is sewn in the same direction, creating beautifully balanced buttonholes.
<b>Exclusive</b> 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.
<b>Exclusive</b> 3-Step Infinite Length Bar-Tack Buttonhole	Create a buttonholes with endlessly long sides. This is ideal when sewing non-traditional sized buttonholes. There are no size limitations with this buttonhole.

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2-Line (17mm x 56mm) Liquid Crystal Display	Select a stitch, and an illustration of the stitch is displayed on the LCD screen. The LCD provides clear and easy viewing of stitch patterns, including stitch width and length with clear positive backlight
Built-In Alphabet	Personalize projects by adding a monogram, name or phrase with the Built-In block style Alphabet.
Built-In Stretch Stitches	Specially designed stitches that add strength and flexibility to seams, especially useful when sewing on knitwear and super-stretch fabrics.
Hand-Look Quilt Stitch	This stitch is designed to look like hand sewing for topstitching or quilting. The Hand-Look Quilt Stitch is especially valuable to quilters, crafters and heirloom seamstresses.
Adjustable Stitch Length	Optimal settings for length are automatically adjusted when choosing a stitch. They can be overridden to personalize length choice.
Adjustable Stitch Width	Optimal settings for width are automatically adjusted when choosing a stitch. They can be overridden to personalize width choice.
Center Zigzag Taper	When tapering with the zigzag stitch, the stitch tapers to the center, not the left or right. This provides a more attractive look when tapering into or out from a point.
Automatic Tacking Stitch Function	Tie-off <i>decorative</i> stitches with just a push of a button. With 4 tiny tacking stitches the start and end of the pattern is reinforced. This ensures quality stitching and prevents raveling.
Automatic Tie-Off Function	With just a push of a button the machine will sew 4 stitches forward and then 4 stitches in reverse at the start of Straight Stitching. At the end, press the reverse button again and the machine will sew 4 stitches in reverse and then 4 stitches forward and then stop. The Automatic Tie-Off Function reinforces the start and end of seams for stronger stitching.
Automatic Reverse	Push the conveniently located Automatic Reverse Button to sew in reverse and reinforce the stitch.
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.

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Electronic Twin Needle Control	Stitches are automatically adjusted for twin needle sewing with just the touch of a button. Twin needle sewing creates two parallel rows adding a decorative touch.
13 Needle Positions	Needle position can be changed for individual projects, such as inserting zippers or cording and topstitching.
Programmable Needle Up and Down	Select whether the needle is up or down when the machine stops. It is beneficial to have the needle stop in the down position when appliquéing, quilting or pivoting fabric. When removing the fabric from the machine, it is easier if the needle is raised to highest position.
20-Space Memory	A memory bank holds full names and simple phrases.
Editing Capabilities	Editing is simple. A cursor button can be moved through the 20-space memory. If a stitch or letter needs to be removed, use the editing button.
Mirror Image*	Just touch a button and stitches can be mirror imaged.
Continuous Pattern*	Just touch a button and stitches can be sewn either as a single pattern or can be sewn continuously.
Error Messaging	4 audible and visual warning messages alert the sewer. The messages make for trouble-free sewing.
Pattern Override Memory	The 8770 retains the width and/or length override setting. The machine remembers, so you don't have to! Select a pattern, override the width and/or length, and the machine will remember those changes. Select a different pattern and then return to the overridden pattern - - - the override settings will still be in place.
Sewing Speed	With a maximum sewing speed of 750 stitches-per-minute, projects can be sewn quickly.
Automatic Tension	This system ensures stable stitch quality, whatever type of fabric is being used.
Automatic Presser Foot Pressure Control	The amount of pressure exerted on the fabric by the presser foot against the feed dogs is automatic. Sew from the lightest weight tricots to the heaviest denim, without making presser foot adjustments.

\*Only specific stitches can be mirror imaged and/or sewn as a continuous pattern.

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Extra-High Presser Foot Lifter	There are 2 heights to the presser foot lifter. The second height offers more clearance, which is needed when placing multiple layers of bulky fabric under the presser foot.
Top Loading Jam-Proof Bobbin System with Clear Cover	This mechanism incorporates a magnet-type vertical axis rotating hook that ensures smooth, quiet, thread jam-resistant sewing. The bobbin case floats above the hook, precluding thread jams. The bobbin loads from the top, so it is easy to insert the bobbin. The clear cover makes it easy to monitor the bobbin thread supply.
Automatic Bobbin Winding Clutch	Needle bar automatically disengages when winding the bobbin, making bobbin winding safer.
6-Segment Feeding System	This is a specially designed feed dog that 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.
Box Feed	This is a feed dog motion that moves the feed dogs in a box motion, rather than the historic arc motion. Box motion assures perfect feeding throughout the entire feed process, as the feed dogs are always in perfect and equal contact with the fabric and presser foot.
Drop Feed Dogs	A conveniently located lever, easily and effortlessly moved, will lower the feed dogs for free-motion embroidery, monograms, and for attaching buttons.
Aluminum Frame	The internal skeleton of the sewing machine. This rigid support holds all the mechanisms in perfect alignment for perfect, skip-free sewing.
Direct Drive	The needle bar is geared straight from the motor, rather than from a drive bar across the machine. This make the machine more powerful and durable.
Electronic Stitch Formation	All stepper motors are electronically controlled. Digital electronic control of the stepper motors that control the pattern formation allows for perfectly formed patterns every time.

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Optimum Power Control	This is a SINGER® name for a control system that senses when additional power is required to maintain speed through thick or changing fabric conditions. This feature is most useful when sewing through multiple (6-8) layers of fabric.
DC Motor	Provides instant start up and stop with no casting, for accurate and precise stitch placement.
Electronic Foot Controller	Guarantees consistent sewing speed with no jump starts.
Snap-On Presser Feet	Change from one to another effortlessly with Snap-On feet. No need for screwdrivers to change presser feet.
Dust Cover	Covers the machine when not in use.
On Board Storage	Storage of accessories in the closed lid Conversion Table Accessory Storage area means accessories are always handy.
Accessories	Auxiliary Spool Pin General Purpose Foot (on machine) Small, Medium and Large Thread Spool Caps (3) Screwdriver for Needle plate Satin Special Purpose (Decorative Sewing) Foot One-step Buttonhole Foot with <b>Exclusive</b> Underplate 4 Standard Bobbins Zipper Foot Blind Hem Foot Needles Package, Lint Brush and Seam Ripper
Portable and Cabinet Mountable	Machine has a built-in carry handle, making it easy to transport the machine. Machine can be mounted into a cabinet.
Free Arm	Provides professional results and easy access to cuffs, collars, pant hems and other difficult-to-reach areas.
Thread Cutter	Located for precise thread cutting, eliminating the extra step of cutting thread with scissors.
Consumer's Choice	More people own SINGER® machines than all other brands combined.