

# The New Curvy™ 8770

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## Features Include:

- Exclusive 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!
  
- Exclusive 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.

- 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 attachment, rather than the fabric. It makes creating buttonholes possible in places that conventional buttonhole devices cannot easily reach.

- Exclusive 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.

- 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 decorative 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.

- 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-perminute, 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.

- 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 jamresistant 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.

- 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 Exclusive 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.