

General Features

Workspace

11.25" (285mm) long arm to the right of the needle and 5" (127mm) height from sewing bed to top of machine arm.

Lighting

Almost 11" of full-spectrum lighting around the needle with five adjustable brightness settings, including off.

Needle threader

Easy to use, automatic needle threading system.

Bobbin winder

Independent bobbin winder system with adjustable winding speed.

Wireless

Wireless LAN capability for exchange of embroidery data with PE-Design 11, mobile apps and updates.

Thread tension

Automatic thread tension.

Thread cutter

Trims upper and lower threads automatically.

Presser foot

Automatic presser foot lift and extra high lift.

Thread sensors

Gives you a warning when your upper and lower threads are running low.

Teaching movies

Wide selection of built-in tutorial videos and MP4 playability.

Start/stop button

Ergonomic large start/stop button.

Environment

Save energy with the Eco and Deep Sleep modes.

App connectivity

Create your own designs with My Design Center and Artspira, create your own stitches with My Custom Stitch, get perfect placement with My Design Snap, keep an eye on your work whatever you're doing with My Stitch Monitor and connect to your ScanNCut DX with My Connection.

LCD Display

Large and clear 10.1" (800 x 1280px) built-in HD LCD display.

Intuitive user interface

Easy-to-use screen layout and realistic preview of selected stitches and patterns.

USB connectivity

Two high-speed ports, can connect by mouse as well as optional external USB embroidery card reader.

Multilingual operational languages

12 built-in languages.

Safety features

Easily disengage needle to make changing presser feet and needles safer, and lock the screen to avoid any accidental stitch changes.

Updates

Automatic software update capability.

Embroidery Features**Embroidery area**

Large 14 x 9.5" / 360 x 240mm embroidery area.

Embroidery speed

Embroidery up to 1,050 stitches per minute.

Built-in designs

Total 889 embroidery patterns including 101 Disney, monogram, and buttonhole shapes.

Built-in fonts

Built-in 26 embroidery fonts (24 alphabet and 2 Cyrillic). Two fonts include the full Eastern European font set.

Text edit functions

Simplified user interface for text input and editing, with various editing capabilities such as curving, arraying and space adjustment.

Font sizes

S/M/L size for font designs.

Built-in frame designs

140 frame pattern combinations.

Thread trimming

Jump stitch thread trimming with thread wiper.

Density

On-screen auto density adjustment (Stitch-To-Block) available for embroidery and letters.

LED pointer

Laser pointer for precise pattern placement.

Advanced editing functions

Design editing, flip designs horizontally, pattern rotating (0.1, 10 and 90 degrees), drag and drop operation, zoom up to 800% in My Design Centre and 200% otherwise.

Basting

Embroidery basting.

Colour Shuffling

Colour shuffling function that can choose from your favourite thread brands with more colour variations, with pinning, and favourite mark capability.

Stippling

No-fuss stippling in embroidery edit.

Selecting designs

Advanced multiple design selection.

Colour change

Direct touch button for changing colours of embroidery patterns.

Resume function

Resume your embroidery at the exact spot where you stopped in case of a power failure or accidental interruption.

Appliqué creator

Built-in Appliqué Creator; create multiple appliqués in one hoop with automatic best-placement repetition.

Optimised colour sorting

Quickly sort colours in different designs for optimised sewing order and to minimise thread changes.

Frame detection

Automatic embroidery frame size detection.

Progress bar

View the progress of an embroidery pattern or individual colour, and use to move forwards/backwards through the design.

Thread palettes

Select various thread brands for built-in and external designs and save up to nine of your favourite combinations.

Included frames

Two standard frames, compatible with My Design Snap, included – 360 x 240mm (14 x 9.5") and 180 x 130mm (7 x 5").

Sewing Features

Built-in sewing stitches

Total of 760 utility and decorative stitches and buttonholes.

Lettering fonts

Four sewing lettering fonts (3 Alphabet, 1 Cyrillic).

Sewing speed

Sew up to 1,050 stitches per minute.

Combination stitches

Individual adjustment for combined stitches (depending on category).

My Custom Stitch™

Combine and edit custom stitches; includes 185 built-in sample stitches.

Laser guideline marker

Guideline marker with 19mm side shift capability.

ICAPS fabric sensor system

Continuously adjusts presser foot pressure and auto detects fabric thickness.

Automatic presser foot pressure

Automatic Height Adjuster (AHA) for automatic presser foot pressure.

Lock stitch

Reinforcement stitch at start and end of sewing.

Dual feed

Digital Dual Feed System for even and consistent sewing on all fabrics.

Pivot and foot height

Lightning-quick pivoting functionality with customisable foot height.

Square Feed Drive System

Square feeding system with powerful and long feed dogs.

Needle plate detector

Needle plate detector for safe operation.

Easy to remove needle plate

Swap needle plates easily with new designed tool.

Straight stitch

Straight stitch needle plate and straight stitch foot included.

Sashiko designs

Three new sashiko stitches.

New feet and accessories

New N Foot included for monogramming, couching foot, and more.

Ruler

Ruler design with zero mark at the needle.

Free motion

Presser foot height adjusts according to the thickness of the fabric.

Drop feed function

Convert to free motion mode easily with a touch of a button on screen.

Automatic presser foot functions

Bring presser foot down automatically using the Start/Stop button, knee lift and foot pedal.

Ergonomic multi-function foot controller

Can be programmed to cut threads, reverse stitch, sew one stitch, needle up/down and No Sew function.