# PR1050X

brother
at your side

## Highly powerful and efficient 10-needle embroidery machine

- Large 360 x 200mm embroidery area
- Up to 1000 stitches per minute
- 123 Built-in designs and 37 built-in fonts
- 5 Frames included
- 26cm Colour touch screen
- Intelligent camera system

# The most innovative 10-needle home and small business embroidery machine

The PR1050X, comes equipped with some of the **most powerful design and editing capabilities ever built into a multi-needle embroidery machine.** Just when you think you've reached the limits of creative freedom. e**X**plore the possibilities.

Personalised Shirts

Creative Tote Bags

# Increase your productivity

with these easy-to-use functions:

**Automatic needle threading**
Simply press the automatic needle threading button and the upper thread will pass through the needle. It couldn't be simpler.

**Adjustable LED lighting system**
The effective built-in LED natural lighting system provides adjustable brightness for a more com - fortable work area.

**37 built-in fonts and 123 designs**
Choose from a wide range of built-in lettering styles and embroidery designs.

**USB ports & SD card slot**
Connect a USB device such as a USB flash drive or a card reader/writer. Or read PES files from a SD card.

**Flexible threading system**
Easy threading prevents thread tangles and knots and provides stable thread tension.

**InnovaChrome™ LED thread colour and monitoring system**
Full colour LED light which mimics the colour of the thread that belongs on the spool of each design

## Additional features in detail:

- **Appliqué function**
  Create appliqués with this useful built-in function, perfect for badges and medallions.
- **Progress indication bar**
  Always know the advancement of your project thanks to the visual indicator.
- **Stitch simulator** *INDUSTRY FIRST*
  Preview how your design pattern will be stitched before starting.

- **Colour sort function**
  Minimise the number of thread changes when combining designs.
- **Embroidery frames**
  5 different size frames are supplied as standard:
  - Extra-large 360 x 200 mm
  - Large 180 x 130 mm
  - Medium 100 x 100 mm
  - Small 60 x 40 mm
  - Wide Cap Frame Kit

**Large embroidery area (360 x 200 mm)**

The extra-large embroidery area and variety of included and optional frames gives you the flexibility to create a multitude of projects from jackets and t-shirts to socks and baby clothes.



**Letter positioning**

Easily adjust lettering position and align it to the left, centre or right.



**Single colour embroidery**

Quickly and simply convert multi-coloured designs to single colour, saving you time.
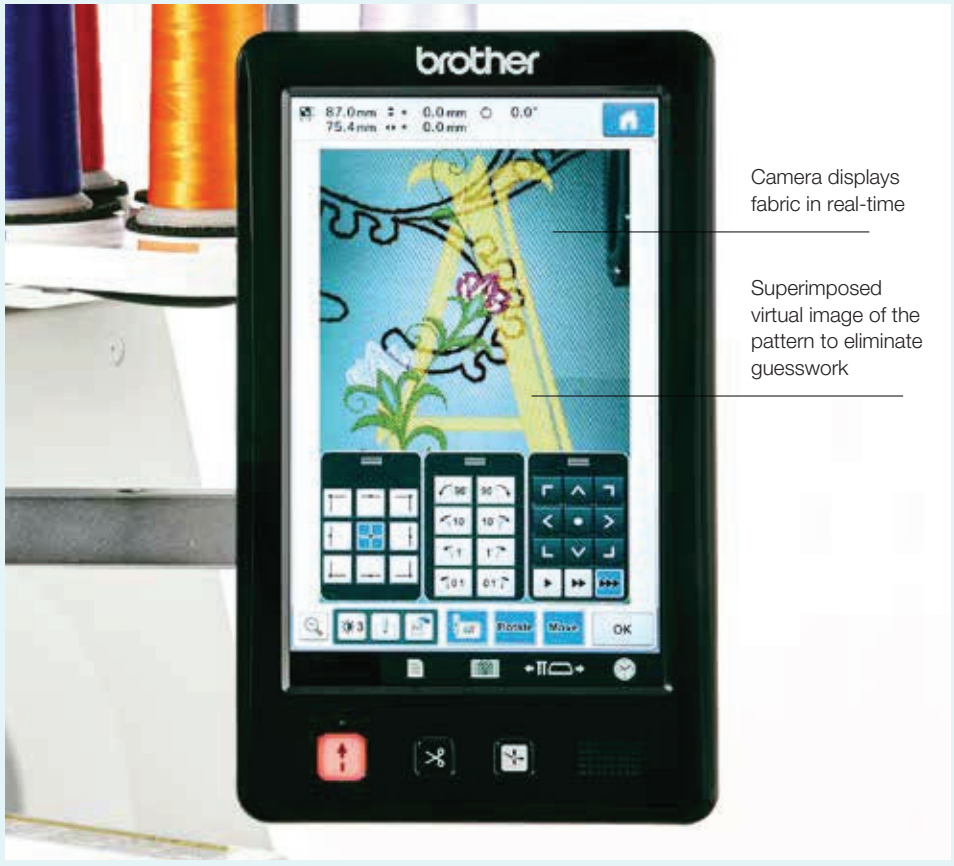


**Customise designs on screen**

Powerful editing functions include arranging text, pattern rotation in 1-degree increments and design size change, plus the ability to combine designs and add lettering.



Custom-made Caps



One of a kind Shoes

Camera displays fabric in real-time

Superimposed virtual image of the pattern to eliminate guesswork

## Additional features in detail:

- **Advanced features for extra versatility**
  Camera sensor enables you to go up to 1,000 stitches backwards or forwards in a design.

- **Position scanning** INDUSTRY FIRST
  Scan projects in the hoop and display them on the large screen, so you can easily position the design before you start to embroider. Ideal for positioning patterns on necklines or complex quilt squares. Patterns can be re-sized, edited and the angle adjusted as required to suit the garment or project.

- **My Design Center**
  Create your own embroidery designs quickly and easily! This powerful and unique feature enables you to create your own designs from clip art, image files or drawing directly on the large touch screen, or scanning line-art or illustrations printed on paper.

  (Separate purchase of PRSCANFKIT1 required to activate this feature.)

### Live positioning of embroidery patterns

Real-time viewing of fabric within the embroidery frame to help you place the design exactly where you want it.

### Camera positioning sensor

Pair with the InnoveEye® 2 technology to automatically position the design for embroidery placement

### Thread change

Always know when more thread is needed, thanks to this convenient display showing the length of time before the next thread change.

### Video tutorials and help guides

View 22 on-screen video tutorials and several built-in help guides that recommend the perfect settings for your PR1050X.

*Draw it*     *Scan it*     *Convert it*     *Embroider it*

# Line Art Scan and Embroider INDUSTRY FIRST

Use the industry-first InnovEye® 2 Technology to scan handwriting or line art on the **industry-first Scanimation™ Scanning Frame**, and then watch as they are transformed into unique embroidery designs.

## 26cm high-resolution IPS LCD touch screen

Simply touch the large, clear wide-angle screen to:
- Edit on-screen embroidery
- Customise your settings
- Select any of the 13 built-in languages
- View clock and watch on-screen video tutorials
- Read built-in help guides to find the ideal settings
- Plus much more!

## Colour shuffling

Choose new colour schemes for embroidery designs with enhanced functionality. Select from Random, Gradient, Vivid and Soft styles and a range of colour combinations displayed on screen. Personal preferences for starting colour can be programmed and complementary colour combinations will be generated based on your favourite colours.



### Cylinder arm

Additional flexibility and ease to embroider difficult-to-reach areas such as caps, tote bags and sleeves. Plus, it helps reduce fabric tangles!



### 10 needles

Embroider multi-coloured designs quickly and easily. Upper and lower thread trimmers eliminate time-consuming trimming when the embroidery is complete.



### Easy access to bobbin

Save time while you embroider with the easy access bobbin. You can often change the bobbin without even needing to remove the frame.



### Table to support extra-large projects

Includes a table to support large and heavy projects, such as blankets and jackets. Also supports the optional jumbo and border frames.

## Additional features in detail:

- **Variable speed: 400 to 1,000 stitches per minute**
  Select the best embroidery speed for your project or choose different speeds for individual needles to suit speciality threads.

- **Link up to 4 machines via a single PC**
  With the new PE-Design software (separate purchase required), it's possible to link up to 4 machines via a single PC to enhance productivity.
  Send designs to multiple machines. Queue name changes with the new name drop feature. Ideal when making personalised items such as team shirts.

- **Automatic frame determination**
  Detect the attached frame and display its contents directly on the screen.

# Product Specifications

| Features | Benefits | PR1050X |
|---|---|---|
| Number of needles | Embroider multi-coloured designs quickly and easily. | 10 |
| Up to 1,000 stitches per minute | Variable speed range, flat 400 to 1,000 spm, cap 400 to 600 spm. | ✓ |
| Large embroidery area | Enables you to create even bigger embroidery designs. Adds flexibility and impact to your designs. | 360 x 200 mm |
| Large colour LCD touch screen | Stitch information and informative tutorial guides are all accessed simply and quickly thanks to the large display. | ✓ |
| LCD touch screen size | Professional large format LCD screen offering a full set of commercial-grade features. | 135 x 216 mm |
| Resolution of LCD touch screen | Superior visual performance well-suited for demanding embroidery applications. | 800 x 1280 pixel (35 dots per mm²) |
| Exclusive automatic needle threader | Simply press the automatic needle threading button to see the upper thread pass through the needle quickly and securely. | ✓ |
| Automatic thread trimmers | Cuts upper and lower thread automatically at the end of each colour change on embroidery. | ✓ |
| Built-in lettering styles | Customise all your projects with a range of lettering styles and text effects. | 37 |
| Built-in designs | Quickly and simply personalise your projects with a choice of alphabet designs, frame patterns or a selection of embroidery designs. | 123 designs |
| Customise designs on screen | Powerful customising capabilities include arranging text, pattern rotation in 1-degree increments, the ability to change design size, combine designs and add lettering. | ✓ |
| Individual stitch back-up | With the easy-to-use touch screen you can search through the design by individual stitches, colour blocks or groups of one hundred stitches. | ✓ |
| Appliqué function | Create full-colour appliqués, perfect for badges and medallions. | ✓ Enhanced |
| Single-colour sewing | Allows you to sew any design in a single colour with no interruption. | ✓ |
| USB ports (2x host, 1x slave) | Import designs from USB flash drive or from a direct PC connection. | ✓ |
| SD card compatibility | Upload designs in .PES format using the SD card slot. | ✓ |
| Link capability | Ability to link multiple machines with a PC using the PE-Design software (separate purchase required). | ✓ |
| Group/ungroup | Combine designs and edit them as one or separate design elements. | Selective grouping of embroidery patterns |
| Forward/reverse | Step back/ forward over the design | +/- 1,000 stitches Progress bar 10 key-in |
| Threading system | Easy threading prevents thread tangles and knots and provides stable thread tension. | ✓ |
| Wide Table | Supports large and heavy projects. | ✓ |
| LED pointer | The LED pointer makes it easy to see exactly where the needle will drop. | |
| Built-in camera | Viewing needle drop point, scanning frame area and detecting positioning sticker. | ✓ |
| Background scanning with camera | Scan the fabric in the hoop and display it on the screen, so you can easily position the design before you start to embroider. Ideal for positioning patterns on necklines or complex quilt squares. | ✓ |
| Live positioning of embroidery pattern with camera | Let the machine transmit the image of the fabric in the frame directly to the screen without any time delay and position your embroidery pattern easily and perfectly as seen on the screen. | ✓ |
| Camera positioning sensor | Rotate and position the embroidery exactly where needed, thank to built-in camera. | ✓ |
| LED thread indicator | Multi-coloured LED lights help to:<br>• Show the position of broken threads<br>• Show the position when a thread colour needs changing<br>• Show the position thread for each colour of thread | ✓ |
| Manual colour sequence | Set colour sequence by needle number. | ✓ |
| Anchor needle & speed adjustment | Anchor speciality threads to specific needle, have the option to adjust the speed. | ✓ |
| Multiple line text input | Create multiple lines of embroidery text and align it left, centre and right. | ✓ |
| Thread colour sorting | The thread colour sorting can minimise the number of colour changes in multi-colour designs, reducing embroidery time. | ✓ |
| Stitch simulator | Let the machine show on the display how it will stitches the embroidery pattern. | ✓ |
| Deactivate the needle threader | Protect the needle threader from misuse when using professional thin needle (#70 or less). | ✓ |
| Stitch to block | The machine automatically recalculates the number of stitches when resizing a design. | ✓ |

# Optional Accessories

There are many optional accessories to enhance your embroidery machine and increase your creative output.

**PR Stand**
Code:115D02E7005

This mobile stand securely holds PR series machines and provides ample storage for accessories and threads.

**Border Frame (300x100mm)**
Code:115D02E7022

Embroider beautiful continuous designs and borders. Ideal for a wide range of projects from fashion to furnishings.

**Quilt Frame (200 x 200mm)**
Code:115D02E7025

Designed to fit traditional quilting squares. Must be used with Arm B embroidery frame holder and the usage of the wide table is recommended.
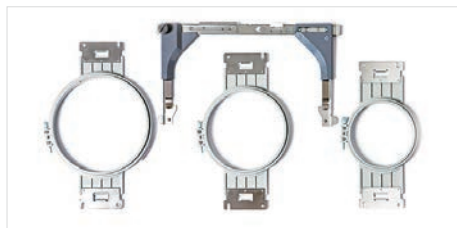
**Clamp Frame (45 x 24mm)**
Code:115D02E7012

The clamp frame kits are ideal for adding embroidery to shoes, inner jacket pockets, cuffs, gloves and much more.

**Cylinder Frame (90 x 80mm)**
Code:115D02E7010

Embroider virtually anything that's cylindrical, which is normally difficult to reach.

**Round Frame Kit**
Code:115D02E7026

The round frame kit includes 3 round frames: Small 100mm, Medium 130mm, Large 160mm.

**Sleeve Frame (70 x 200mm)**
Code:115D02E700C

Ideal for adding embroidery to sleeves, trousers, baby rompers, etc.

**Double-sided Clamp Frame M (100 x 100mm)**
Code:115D02E700B

One side with blush type (for general fabric).
The other side with rubber type (for glossy material).

**Cap Frames**
Code:115D02E0002 (130 x 60mm)
Code: 115D02E0001 (360 x 60mm)

Embroider your caps effortlessly. Two cap frames are available. One with an embroidery area of up to 130 x 60mm. The other features a generous work area of up to 360 x 60mm.

**Compact Frames**
Code:115D02E700A

Ideal to embroider hard-to-reach areas such as sleeves, jeans pockets, kids and baby clothing. Frame sizes: 70 x 41mm (oval), 50 x 50mm, 44 x 38mm (oval), 75 x 33mm (oval).

**PE-Design**
Code: 882Y1070101 (PE-Design 10)
Code: 115507E5101 (PE-Design 10 Upgrade)

Brother's latest generation of embroidery design software offers advanced features to enhance productivity on the PR1050X.

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Japanese Excellence
For Over 100 Years

174202 July 2017