

PR680WC

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sewandgrow.co.za

brother
at your side



When
Embroidery
means
Business



Are you ready to take your embroidery passion to the next level?

When you have your sights set on going from stay-at-home hobbyist to small business marketplace, choose the innovative Professional PR680WC 6-needle embroidery machine to help get you there.

With six-needle speed and versatility, the PR680WC can handle different-sized projects with ease. Create on a generous 300 x 200mm work area and see your designs on the large 26cm built-in high-definition LCD display. Make something new or add an upcycling touch with any of the 102 built-in embroidery designs, 611 decorative alphabet patterns and 50 utility stitches.

Need to get pinpoint accuracy with your needle?

Get precision crosshair positioning, light up your fabric, and see where the needle will drop for all your projects with the Embroidery Droplight Laser.

Next-level versatility, next-level speed, and next-level editing. Turn any challenge into an opportunity and see how the Professional PR680WC can take your passion to the next level.



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6-Needle versatility

6 Needles with Customisable Settings

Each needle offers customisable settings for speed, colour lock – and now – the disengagement of the needle threader, which is useful when using a thin needle! At the same time, Thread Tension Range Expansion creates a wide range of tension settings, making it easier to embroider on difficult fabrics with correct tension – without distorting or puckering the fabric.

6-Needle Automatic Needle Threading

Makes threading simple! Thread each needle in seconds – with just the touch of a button! This can be done without a design on the screen for added efficiency.

Bright Customisable Lighting System

With bright, customisable lighting, you can illuminate your work with four built-in LED lights to see colours clearly with virtually no shadows! Customise the light brightness between five settings, including 'Off' mode to find your ideal level.



More speed and minimal noise equals greater productivity

High-Speed Acceleration

Increase your productivity and efficiency with industry-leading high-speed acceleration! Reach up to 1,000 stitches per minute in seven seconds. Projects will be completed faster and with minimal noise.

Fast and Adjustable Embroidery

Achieve a professional finish on tricky items or while using speciality threads. Embroidery speed can be reduced to 400spm (stitches per minute) for the cap and cylinder frames.





Large 26cm built-in high definition LCD display

Easy-to-Use Interface

Large defined icons, thumbnail size selector, colour navigation, scrolling menu, swipe capability, and the ability to view your design properties in 'Preview' mode. On-screen editing and letter input is a snap.

Expandable Library of Built-in Tutorials

Learn as you go with the 25 pre-installed tutorial videos -covering everything from basic operations to embroidery functions. Download more via the WLAN connectivity.

Adjustment and Zoom Features

View your creations in crisp, vivid colour and see the design detail with the zoom function of up to 200%. Easily adjust your design by rotating in .01-degree, 1-degree, 10-degree or 90-degree increments.

Space for all of your projects

Large Embroidery Area (300 x 200mm)

Generous embroidery area for just about any project. Includes five embroidery frames: 300 x 200mm, 180 x 130mm, 100 x 100mm, 60 x 40mm and Cap Frame, making it easy to go pro!

Thread Tension Range Expansion

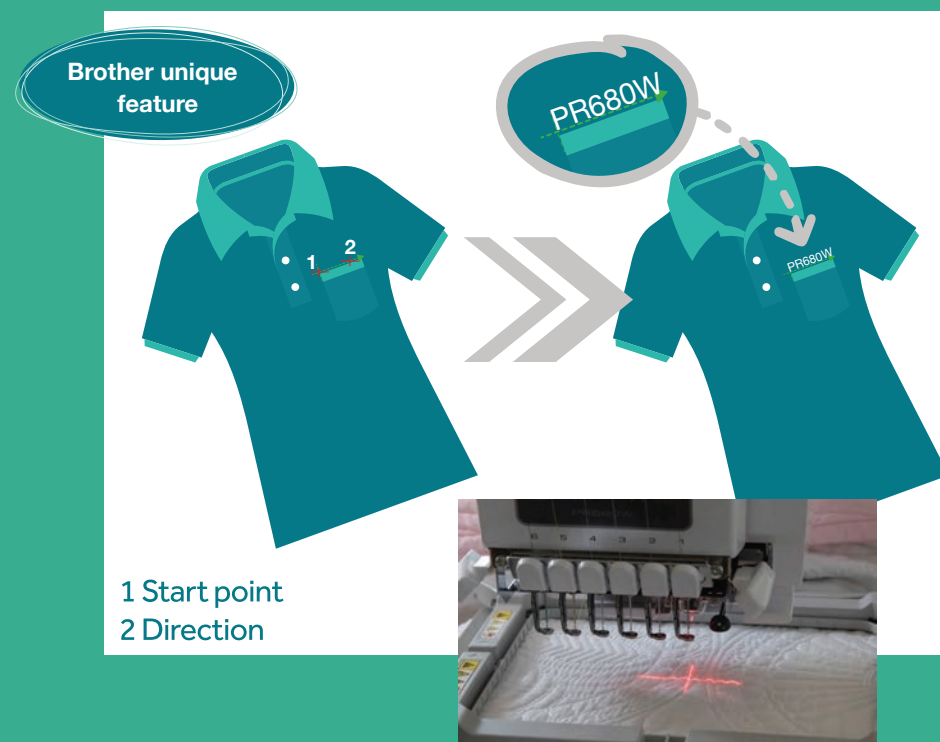
We've expanded the thread tension range on the PR680WC creating a wider range of tension settings. It's now easier to embroider on difficult fabrics with the correct tension - without distorting or puckering the fabric.

Upper Thread Tension

We've upgraded the upper thread tension dials to give you ultimate control in fine tension settings. Less puckering on lighter fabrics such as satin and organza.

Cylinder Arm

Easily embroider hard to reach items such as caps, tote bags, sleeves, trouser legs and much more.



Crosshair LED pointer for perfect needle positioning

With the largest crosshair pointer on the market you can see exactly where your needles will drop, ensuring perfect pattern placement every time.

Position and align the embroidery patterns in a simple and accurate way, thanks to Brother's unique positioning function. So the angle and direction of the embroidery pattern will be automatically adjusted. The exact placement can be selected from nine different reference points: the centre, four corners and four midpoints of the sidelines.

Modern built-in designs and fonts



Wide Range of Built-in Embroidery Designs

Stitch out the built-in designs as they are, or express your creativity with the design editing features. Personalise your creations in just about any style with a full range of built-in fonts. Customise fonts by adjusting the spacing, or change the thread density to improve the look of stitching.

102

Built-in
Embroidery
Designs

3

Built-in
Monogramming
Font Styles

140

Frame
Pattern
Combinations

50

Built-in
Lettering
Fonts

50

Built-in
Utility Stitch
Designs

10

Buttonhole
Styles In
3 Sizes



Even more productivity with wireless LAN connectivity

Wireless LAN connectivity and the My Stitch Monitor Mobile App

With wireless LAN connectivity, keep track of your embroidery with the My Stitch Monitor mobile app on your iOS or Android™ device. Follow the progress of your project and get alerts when it's time to change threads or when your embroidery is finished.



Link Function Using Wireless LAN Connectivity

With wireless LAN connectivity and PE-DESIGN 11 software (additional purchase required), you can link as many as 10 machines without a cable.

Wireless LAN Connectivity for Image Transfer

When connected to your wireless network, send designs wirelessly from your PC† to the PR680WC with Design Database Transfer. You can also get machine updates automatically.

†Design Database Transfer is compatible with Windows.

Design and editing features made simple

On-Screen Letter Editing

Input multiple lines of text or lettering, all with the capability to edit. Rearrange words or phrases, combine selected words, change the style and size of individual letters, and even change the font style of a whole line. Easily align text Left, Center, and Right. Perfect for embroidering multiple line poems, phrases and wedding announcements.

Colour Shuffling 2 Function for Even More Colour Possibilities

Love a certain colour scheme? Not sure how to combine colours? Use the pin graphic function in Random and Gradient modes to ensure your favourite colours are included in your shuffle.

Stitch Simulator

See your design on-screen before it sews out with the stitch simulator.

On-Screen Auto Density Adjustment of Original Design

When enlarging designs, the stitch count is automatically recalculated, so your resized design will fit your custom project and maintain stitch quality. Designs can be adjusted from 60% to 200% of the original.

Customise designs on screen

There's no limit to what you can create. Arrange and align text, add an easy appliqué outline, pattern rotation in 0.1, 1, 10 and 90 degree increments, add lettering, adjust sizes, combine designs and much more.



Easy Appliqué Feature

Instant pattern outline for easily creating appliqué. Create multiple appliqués in one hoop!

Colour Grouping

Save time with this feature that allows multiple regions to be selected at a time for editing colour.

Intuitive Colour Management

Customise designs even further with the ability to select sections of an embroidery design that you wish to skip before you start stitching.



Time saving techniques that are so easy to use

Group and Ungroup

A great feature when working on logo projects. Allows multiple regions to be selected at a time for editing colour. Easily group letters to move all at once, combine designs and edit them as one, or separate design elements and edit pieces individually.

Administrative and Operator Lock

Security lock modes and key optimisation are designed to help the user and business owner customise workflows for their business. A short cut key allows the user to jump directly to the embroidery screen.



Colour Sort

When combining designs, you can easily cut down on thread changes by having the machine efficiently sort the stitch order by colour, which can reduce colour changes and needle bar movement.

Automatic Colour Changing and Thread Trimmer

The machine automatically pre-programs the correct thread colour sequence for the entire design. The upper and lower automatic thread trimmers mean no time-consuming trimming after the embroidery is complete.

Stitch with Confidence using the Basting Function

Apply a basting stitch outline to the perimeter of any design to hold the fabric to the stabiliser. Great for larger fabrics and hard-to-hoop items.

Auto Resume

The PR680WC will automatically resume the embroidery design at the exact stitch when the machine either stopped or lost power.

Smart Stitch Management

Wondering how long a certain colour will take to finish? Check the progress bar to see its status. The tab indicator indicates the stitching sequence. Or, key in the stitch number to go forward or backward by any number of stitches.

Three USB Ports

A high-speed port for fast design transfers, a second port for machine peripherals, and a third port for computer connectivity.



Optional accessories to expand your creativity

Be sure to look for additional accessories available from your Authorised Brother Dealer.



Magnetic Sash Frame (115D02E700K)

- Hoop and embroider thick materials with ease
- Avoid fabric shifting and the need to rehoop the fabric
- Sewing area: 360mm x 200mm
- Stitching area: 300mm x 200mm



Tubular Frame Table (115K02E7002)

- Embroider easily on sleeves, pants, and other tubular items
- Serves as extra support for large projects
- Easy to attach
- Expandable table



Flat Brim Cap Frame Set (115D02E7003)

- Embroider more types of hats than before with the easy-to-use 'scratch-free' cap frame
- Stitch an industry-leading 35% closer to the brim (6-10mm), depending on the cap
- Easy to attach and release
- Includes one Cap Frame, Hooping Jig, and Drive
- Stitching area: 130 x 60mm



Optional accessories to expand your creativity



Flash Magnetic Frames

100 x 100mm (Kit 115D02E700M) (Frame 115D02E700N)

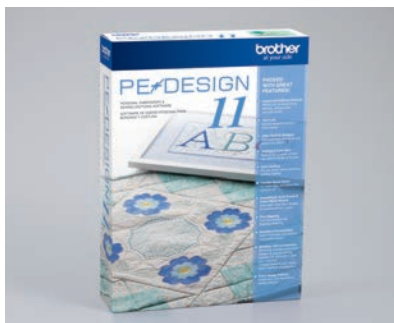
180 x 130mm (Kit 115D02E700P) (Frame 115D02E700L)

- Available in 100 x 100mm and 180 x 130mm sizes
- Includes four magnets and frame for each size frame
- Available as 'Frame only' or as a 'Frame and Driver Kit'
- Perfect for beginners



Wide Table (PR: 115KO2E7001)

- Wide table top easily snaps and locks in place
- Durable surface, which is great for supporting large or heavy items like a quilt top, towels, blankets, jackets, and rugs



PE-Design 11 (PEDESIGN11) (Windows only)

- Personal Embroidery and Sewing Digitising Software
- 1,000+ built-in designs and 130 built-in fonts
- Full-featured PhotoStitch with enhanced Auto Punch and Cross Stitch wizards
- ScanNCut compatible for importing FCM files and sending to CanvasWorkspace



For more optional accessories, download our **PR Accessories Guide** from www.brother.co.za

Thinking of starting your own embroidery business?
Download our **Embroidery for Business Guide** from www.brother.co.za

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For more information, please visit

<https://brother.co.za/products/sewing-embroidery/professional-embroidery-machines/pr680wc/>