brother
at your side



When
embroidery
means
business

Entrepreneur W

PR680W


brother
brother



Ready, set, go – turn your dreams into reality

When you've got your sights on going from home hobbyist to small business owner, choose the easy-to-use Entrepreneur W PR680W 6-Needle Embroidery machine to get you there.

With six-needle speed and industrial acceleration the PR680W can handle different-sized projects with ease. Give yourself space to create on the generous 200 x 300 mm (7.9 x 11.8") work area and clearly see your designs on the large 10.1" built-in high-definition LCD display.

Design something new or find something that suits from one of the 763 built-in embroidery designs and decorative alphabet patterns. 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 Entrepreneur W PR680W can take your passion to the next level.

Six needle versatility

6 needles with customisable settings

You can individually customise each of the PR680W's six needles for speed, colour lock and now, the disengagement of the needle threader – useful when using a thin needle!

6-needle auto-threading

Make threading simple! With just the touch of a button you can automatically thread each needle in a matter of seconds. For added efficiency this can even be done without a design on the screen!

Customisable lighting system

See your work clearly with the four built-in LED lights. With five brightness settings you can find your ideal lighting level. The bight LEDs will illuminate your work with virtually no shadows.



Easily get through your orders

Industrial level 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, with minimal noise.

Fast and adjustable embroidery

Get a professional finish, even on tricky items and using speciality threads. Embroidery speeds can be reduced to 400 spm incl. for the (optional) cap and cylinder frame.





Easy to see, easy to use

10.1" HD LCD touchscreen

Navigate the easy-to-use interface and see your designs in full colour on the crystal clear display – zoom in up to 200%. Fine quality thumbnail preview available for both external and built-in patterns.

Expandable library of built in tutorials

Learn as you go with the 24 pre-installed tutorial videos – covering everything from basic operations to embroidery functions. Download more via the WLAN connectivity.

Easily adjust and zoom

View your designs in crisp, vivid colour and really see the detail with the zoom function which goes up 200%. Easily adjust your design by rotating in 0.1-degree, 1-degree, 10-degree, or 90-degree increments.

Space for all of your projects

Large embroidery area (200 x 300 mm)

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

Thread tension range expansion

We've expanded the thread tension range on the PR680W 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 like satin and organza.

Cylinder arm

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

*requires optional cap frame



1 Start point
2 Direction



Crosshair laser 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 reference points: the center, four corners and four midpoints of the sidelines.

Built-in design and font library



Something for every order

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 way with 50 built-in lettering fonts and 18 monogramming styles. Customise fonts by adjusting the spacing, or change the thread density to improve the look of stitching.

763	140	50	50
Built-in Embroidery Designs	Frame Pattern Combinations	Built-in Lettering Fonts	Built-in Utility Stitch Designs



Get yourself connected

WLAN connectivity and My Stitch Monitor™ app

With wireless connectivity keep track of your embroidery with the My Stitch Monitor app from your mobile device. Follow the progress of your project, get thread change alerts and know when your embroidery is finished.

Connect and grow your work room

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

Wireless image transfer

When connected to your wireless network, send designs wirelessly from your PC to the PR680W with Design Database Transfer*. You can also get machine updates automatically.

*Design Database Transfer only compatible with Windows desktop devices

Design and editing – at your fingertips!

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, centre or right. Perfect for embroidering multiple line poems, phrases, and wedding announcements.

Colour shuffling 2 function

Get even more colour possibilities with the colour shuffling 2 function. Use the pin graphic function in Random and Gradient modes to ensure your favourite colours are always included in your shuffle.

Stitch simulator

Minimise mistakes! See your design on screen before a stitch is sewn with the stitch simulator.

Auto-density adjustment

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 applique outline, pattern rotation in 0.1, 1, 10, 90 degree increments, add lettering, adjust sizes, combine designs – and much more!

Easy appliqué feature

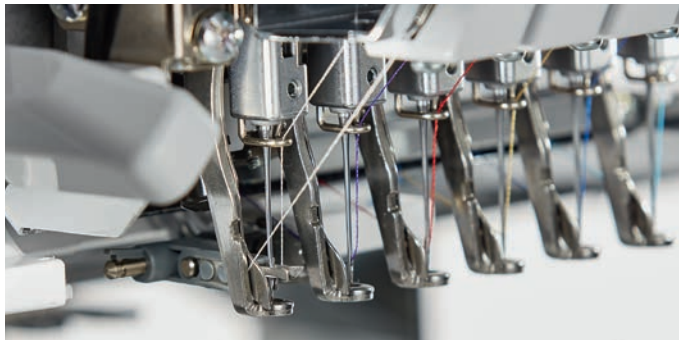
Instant pattern outline for easily creating appliqué. Create multiple appliqués in one hoop!

Colour grouping

Save time by selecting multiple regions at a time for editing colour.

Intuitive colour management

Customise designs even further by selecting areas of embroidery designs that you wish to skip before you start stitching.



Automatic needle threading

Simply press the automatic needle-threading button and the upper thread will pass through the needle.



Cylinder arm

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



Included embroidery frames

Select the ideal embroidery frame for the task at hand. Four sizes included: 300 x 200 mm, 180 x 130 mm, 100 x 100 mm and 60 x 40 mm.



Natural lighting system

The built-in, bright LED lights provide you with effective natural lighting for your working area.

Save time, make money

Group and ungroup

Easily group letters to move all at once, combine designs and edit them as one, or separate design elements and edit pieces individually. Great for logo projects!

Administrator and operator lock

Security lock modes and key optimisation let you customise your business' workflows. The shortcut key allows you 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 change and thread trimmer

The PR680W 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 with the basting function

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

Auto resume

The PR680W will automatically resume the embroidery design at the exact stitch when the machine has either stopped or lost power.

Smart stitch management

Check the stitch progress bar to see how much time is left to stitch out each part of the embroidery design. Key in the stitch number to go forward or backward by any number of stitches.

Three built-in USB ports

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

Take your business offering further with our optional accessories

The only limit is your imagination!



NEW!! Flash Magnetic Frames

(PRVMFMKIT – 100 x 100 mm (4 x 4"); PRVMFLKIT – 130 x 180 mm (5 x 7"))

- Available in 100 x 100 mm (4 x 4") and 130 x 180 mm (5 x 7") sizes
- Includes four magnets and frame for each size frame
- Available as 'Frame' only or as a 'Frame and Driver Kit
- Perfect for beginners



Magnetic Sash Frame (PRMS360)

Patent-pending Brother exclusive Hoopnetic Magnetic Sash Frame

- Hoop and embroider thick materials with ease
- Avoid fabric shifting and the need to rehoop
- Frame size: 200 x 360 mm (7.9 x 14")
- Stitching area: 200 x 300 mm only



Tubular Frame Table (PRTT1)

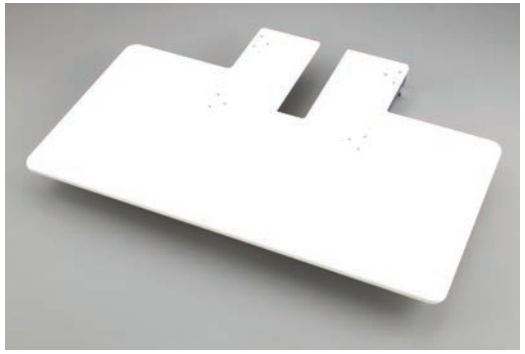
- Easily embroider on sleeves, trousers, and other tubular items
- Serves as extra support for large projects
- Easy to attach
- Expandable table



Universal Cap Frame and Set (PRCF5)

Patent-pending 'Scratch-Free' Flat Brim Cap Frame

- Embroider more types of hats than before with the 'scratch-free' cap frame
- Stitch 35% closer to the brim (6 - 10 mm), depending on the cap
- Easy to attach and release
- Includes one Universal Cap Frame, Hooping Jig, and Drive
- Stitching area: 60 x 130 mm (2.4 x 5.1")



Wide Table (PRWT1)

- 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)

- 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

*windows only software





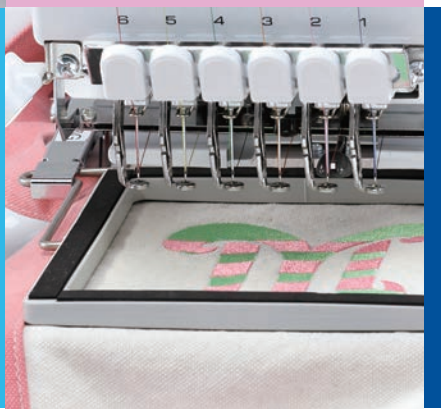


Are you looking for additional income?

How about adding an embroidery offering to your existing business, or why not start your own home-based embroidery venture?

Learn more on our web site **sewingcraft.brother.eu**







For the full range of accessories available see sewingcraft.brother.eu

BrotherSewingUK

Contact:

"GLOBAL-TRADE YU" d.o.o.
ovlašćeni zastupnik i serviser
tel: (021) 714631, mob/vib. (065) 22-23-533
Međunarodni put 77b, 21233 Čenej, Novi Sad, SRBIJA
www.global-tradeyu.com, office@global-tradeyu.com
Global-Trade YU

brother
at your side

Brother Sewing Machines Europe GmbH UK Branch
Shepley Street, Audenshaw, Manchester M34 5JD
sewingcraft.brother.eu

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