

Computerised Embroidery

brother Multi-Needle Embroidery Machines



Compact, User Friendly, Computerised Embroidery System

There are plenty of ways that CAD/CAM can be included in textiles work. Laser cutting and engraving, sublimation and applied vinyls are just a few, but embroidery has to be an obvious one. Brother's embroidery machines are built on a rigid metal chassis and feature computerised control systems so they are easy to use and have an up to the minute feel and look. Brother has a long-standing reputation for making high-quality sewing and embroidery machines for commercial and domestic markets, so you can be sure of reliability, long life and excellent back-up.

Multi-Needle Systems

The Brother PR-670E and PR-1050X machines are compact multi-needle machines that offer rapid output and large-scale embroidery onto almost any material. Because there is no need to change threads, it is possible to set-up the bobbins and achieve commercial scale production almost immediately. This could well provide a streamlined solution for outputting whole-class sets of work, or clearly give a huge advantage for enterprise projects.

Why choose a multi-needle embroidery machine?

The Brother range of multi-needle embroidery machines provide a reliable and easy to use solution for embroidery needs both in education and small businesses. It is ideal for bringing industrial practice into the classroom and linking into Business Enterprise activities and whole school promotions.

The capacity for up to 1000 stitches per minute allows faster throughput of work and a number of designs could be grouped together in the larger hoops so that a number of pupils' work can be stitched in one go. Thicker materials can be worked on easily and the ever increasing range of hoops allows awkward shapes and spaces to be accessed. The large colour LCD touch screen makes it easy to navigate through the intuitive menu and designs can be customised at this stage, eg., colour changes, addition of text, pattern rotation. Should a thread break or run out, the machine will stop and tell you and it is easy to go back up to 100 stitches at a time, so mistakes can be easily rectified if they occur. Run out of time and design is still incomplete? Simply switch off the embroidery machine and leave the fabric hooped in place. Next time the machine is switched on it will remember where it stopped and continue, giving you peace of mind for those larger stitched projects.

Designing for CNC Embroidery

PE Design 10 provides the ideal platform for students to create designs for the larger hoop sizes available for Brother PR-series multi-needle machines. Designs can be derived from memory cards or extensive on-board font and motif libraries - PE Design 10 allows these to be combined, edited and configured to give almost unlimited creative options. Stitch pattern, density and direction can all be configured in PE Design 10 and these details are often as important as the original design in achieving a desired effect. Designing in PE Design 10 with direct output also allows the finest possible resolution of embroidered image to the original design. The speed and operational simplicity of Brother PR-series machines makes it simple and efficient to take advantage of these enhanced design capabilities. PE Design 10 can also be used to simply 'process' a design created in 2D Design, scanned from a sketch or downloaded as an image. This may prove a useful facility for younger students taking their first steps with digital embroidery design and output.



Stands for PR Range



TMP-EMB-PRSTAND shown with machine and accessories.

Prices £*

*See Pricing Information inside front cover

TMP-EMB-PRSTAND	Brother Stand for PR Range	
TF-WS3-C2	TechSoft Mobile Workstation 1400x800x850mm (c/w underbench cupboards containing in-built sockets, drawers, shelves and storage space for computer). See page 206.	

Brother PR-670E



The PR-670E is a professional six needle embroidery machine designed for fast commercial production. It achieves real time savings by minimising down time for set-up and thread changing. In education, a PR-670E is the ideal machine for students to experience a production environment and, because job turn-around is so fast, is a huge advantage if an entire class-set of projects needed to be worked.

Specification

Max. Embroidery Area:	300 x 200mm
Embroidery Speed:	400-1000 Stitches per min
Embroidery Designs:	640 built-in & 37 fonts
Positioning:	LED Pointer
Needle Thread & Cut:	Automatic
Touch Screen:	Large, high resolution (with on-screen editing & video instructions and tutorials)
Additional Functions:	Appliqué
Detection Systems:	Thread break & hoop size
Interface:	USB & Memory card slot
Weight:	37kg
Dimensions:	512(W) x 589(D) x 586(H)mm

What's Included

Hoop Kit - A wide range of embroidery hoops.

Tool Kit - A comprehensive set of tools.

Warranty

UK Mainland: 1 Year Return to Base

Elsewhere: 1 Year Return and Collect

Prices £ (See inside front cover)	Standard (ex VAT)	*Education Only (UK)
Brother PR-670E TM-EMB-PR670E	£17759	£17746
Cap Frame TM-EMB-PR650CAP	£01479	£01391
Cylinder Frame TM-EMB-PR650CYL	£01481	£01393
Brother PR-670E with Cap Frame TM-EMB-PR670EWCAP	£17761	£17749
Brother PR-670E with Cylinder Frame TM-EMB-PR670EWCYL	£17765	£17754
Brother PR-670E with Cap & Cylinder Frame TM-EMB-PR670EWCAPCYL	£17763	£17751

Recommended Extras

See details of our full range of threads, accessories and materials on pages 110-117.

Starter Set (62 Satin 300m, 144 pre-wound 120m lower bobbins + 19 sheets of A4 Mixed Stabiliser & Interfacing) TA-EMB-SST10	£11728	£11728
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Essential Software

PE Design 11 / Plus 2 (page 102)

Recommended Software

TechSoft Design V3 (page 12)

Brother PR-1055X



The 10-needle PR-1055X sets new standards for accuracy, scale and speed, and features class-leading technology. Auto needle-threading, simple eyelet threading and LED technology for spool management, makes set-up rapid and stress free. The LCD display gives an 'eye onto the needle area' via a built-in camera and this, makes it easy (or even automatic) to position work for precise needle-drop.

Specification

Max. Embroidery Area:	360 x 200mm
Embroidery Speed:	400-1000 Stitches per min
Embroidery Designs:	37 built-in & 606 designs inc monogram fonts
Positioning:	Easy with camera sensor
Intelligent Thread:	InnovaChrome™ colour selection
Needle Thread & Cut:	Automatic
Touch Screen:	Large, high resolution (with on-screen editing & video instructions and tutorials)
Additional Functions:	Appliqué
Detection Systems:	Thread break & hoop size
Interface:	USB & Memory card slot
Weight:	37kg
Dimensions:	510(W) x 580(D) x 580(H)mm

What's Included

Hoop Kit - A wide range of embroidery hoops.

Tool Kit - A comprehensive set of tools.

Warranty

UK Mainland: 1 Year Return to Base

Elsewhere: 1 Year Return and Collect

Prices £ (See inside front cover)	Standard (ex VAT)	*Education Only (UK)
Brother PR-1055X TM-EMC-PR1055X	£23179	£23143
Cap Frame TM-EMC-PR1055XCAP	£23180	£23144
Cylinder Frame TM-EMC-PR1055XWCYL	£23188	£23150
Brother PR-1055X with Cap Frame TM-EMC-PR1055XWCAP1	£23183	£23147
Brother PR-1050X with Cap & Cylinder Frame TM-EMC-PR1050XWCAPCYL1	£23184	£23152

Recommended Extras

See details of our full range of threads, accessories and materials on pages 110-117.

Starter Set (62 Satin 300m, 144 pre-wound 120m lower bobbins + 19 sheets A4 Mixed Stabiliser & Interfacing) TA-EMB-SST10	£11728	£11728
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* Brother subsidise some of their products for UK bona-fide educational establishments.