

NEXT GENERATION
DECORATING TECHNOLOGY
FOR HIGH VOLUME PRINTING.



Low running cost. Less maintenance.*

Take advantage of efficiencies in ink systems, maintenance components and operation costs to help maximise your ROI.



COMPLETE INK CIRCULATION

- Redesigned white ink print head circulates the ink inside the print head
- Ink circulation includes all four key areas: ink tank, sub tank, ink lines and print head



- Eco-friendly, water-based printing process
- Bulk tanks available in 1.8L and 18L sizes
- Wide colour gamut for amazing clarity

- Strong washability (4.0 OR HIGHER ON AATCC WASH TEST)
- Certified by ECO PASSPORT by OEKO-TEX®
- CPSIA compliant inks



Save ink, save time with the Advanced Ink System.

Engineered specifically for high-volume print shops that run multiple shifts, the GTXpro B features an intelligent ink system that keeps large volumes of ink in a constant state of readiness.



ADVANCED INK SYSTEM



Extra-large sub tanks that auto-fill continuously for on-demand access to all inks

Built-in filtering and degassing system keep bulk ink in its optimal state for printing

Internal agitation and circulation system keeps the ink in suspension

High capacity ink tanks enable longer print runs

Production ready. Operator friendly.

With Brother At Your Side, you can keep your business looking forward.



- High-speed print mode generates an increase in print speed of up to 20% compared to standard print mode.*
- High and low platen sensors ensure optimal printing clarity.
- Print Reservation feature enables operator to send new files during operation for improved efficiency.
- Wide variety of interchangeable[†] platens allow operators to quickly switch between substrates.
- Smart automated maintenance system minimizes clogged nozzles.
- Enhanced maintenance station reduces time required for maintenance.
- Built-in environmental controls accurately gauge humidity and temperature.
- 1-year onsite warranty commitment.



Print up to 42 dark garments per hour

[11" x 11" DESIGN AT 1200 x 1200 DPI IN CMYK+WHITE IN HIGH-SPEED PRINT MODE]

Print up to 57 light garments per hour

[11" x 11" DESIGN AT 1200 x 1200 DPI IN STANDARD CMYK ONLY MODE]



A scalable system that grows with your business.

The Brother GTXpro B gives you the flexibility to scale up in short order to meet the demands of your growing business, but not before you have the volume to justify it.

- Expand production while maintaining current workflow.
- Employ web-to-print file creation, barcoding and other production-oriented tasks utilising the optional SDK.
- Take advantage of our industry partners to provide a wide range of automation tools.
- Plan for preventative maintenance with minimal impact on production.



Brother GTXpro B Direct To Garment printer

MACHINE SIZE

70" x 51" x 48" (1780mm x 1300mm x 1210mm)

**with recommended stand*

MACHINE WEIGHT

Approx. 364 lbs (165kg) including platen

**not including stand*

PLATEN SIZES

Maximum Print Size is 40.6cm x 53.3cm (16" x 21")

INCLUDED PLATEN SIZE

35.6cm x 40.6cm (14" x 16")

INK TYPE

Water-based pigment ink

INK-HEAD TYPE

Brother manufactured on demand piezo head

NUMBER OF INK-HEADS

2 print heads / 8 ink channels

PRINT RESOLUTION

1200 dpi x 1200 dpi

PRINT MODE

Single or double for CMYK. Underbase and highlight for white.

ENVIRONMENT

Standby Conditions:

10 degrees C to -35 degrees C

[50 degree F to 95 degrees F]

20%-85% relative humidity

Operating Conditions:

18 degrees C to -30 degrees C

[64 degree F to 86 degrees F]

20%-85% relative humidity

DATA OUTPUT

Printer driver (USB, File Output, LAN)

POWER SUPPLY

AC 100V-240V, 50/60Hz ± 1Hz

POWER CONSUMPTION

0.8A(average) [Reference: 0.4A - during circulation]

INK CURE

Heat press machine can be used at 180°C (356°F) and 35 seconds duration. For higher volume production, a conveyor oven is recommended to be used at 160 degrees C (320 degrees F) for three and a half minutes. Time and temperature may vary depending on which manufacturer's dryer is used.

PRE-TREATMENT

Before printing, apply pre-treatment using either a manual or automatic device and then dry garment using a heat-press, being sure to follow all manufacturer's instructions. Pre-treatment is necessary for white ink.

OPERATING SYSTEM

macOS® 10.14 Mojave, macOS 10.15 Catalina

Windows 8.1 (64bit), Windows 10 (64bit)

INTERFACE

USB2.0, LAN (10 BASE-T, 100 BASE-TX), USB Flash Memory (Under 32GB, FAT32 format)

DRIVER OPERATING CONDITIONS

2GHz CPU [minimum recommendation]

4GB RAM [minimum recommendation]x 53.3cm]

DISPLAY RESOLUTION

XGA (1024x768) [minimum recommendation]

RECOMMENDED APPLICATIONS

Adobe® Photoshop CS6/CC, Adobe® Illustrator CS6/CC, CorelDRAW® 2018/2019 (Windows)

brother
at your side

GTXpro

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