

# DTG DTF

**NEXT GENERATION DTG & DTF 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 maximize your ROI.

\*than previous Brother DTG printing models



## 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 color gamut for amazing clarity
- Innobella Inks are GOTS 6.0 approved

- Strong washability  
[4.0 OR HIGHER ON AATCC WASH TEST]
- Certified ECO PASSPORT by OEKO-TEX®
- CPSIA complaint inks and pretreatment



# 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<sup>†</sup> platens allow operators to quickly switch between substrates.
- Versatile capabilities to print direct to garment for many items, or direct to film for hard to place designs or items
- Smart automated maintenance system minimizes clogged nozzles.
- Enhanced maintenance station reduces time required for maintenance.
- Built-in environmental controls accurately gauge humidity and temperature.
- Brother's At Your Side warranty provides 2-Year Limited, 1-Year Bumper-to-Bumper warranty and Technical Support.



To learn more,  
visit [BrotherDTG.com](http://BrotherDTG.com)

## DIRECT TO GARMENT PRODUCTION

### 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<sup>‡</sup>]

### Print up to 57 light garments per hour

[11" x 11" DESIGN AT 1200 x 1200 DPI IN STANDARD CMYK ONLY MODE<sup>‡</sup>]



\*When compared to first generation GTX printer (GTX-422). <sup>†</sup>Additional purchase required. <sup>‡</sup>Based on internal production tests performed in a controlled environment.

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





# Brother GTXpro B DTG / DTF 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 16" x 21" [40,6cm x 53,3cm]

## INCLUDED PLATEN SIZE

14" x 16" [35,6cm x 40,6cm]

## 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:

50 degree F to 95 degrees F  
(10 degrees C -35 degrees C),  
20%-85% relative humidity

## ENVIRONMENT

### Operating Conditions:

64 degree F to 86 degrees F  
(18 degrees C -30 degrees C),  
35%-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 356°F [180°C] and 35 seconds duration. For higher volume production, a conveyor oven is recommended to be used at 320 degrees F [160 degrees C] 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® Big Sur to macOS® Sonoma, Windows 10 [64-bit], and Windows 11 [64-bit]

## 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]

## DISPLAY RESOLUTION

XGA (1024x768) [minimum recommendation]

## RECOMMENDED APPLICATIONS

Adobe® Photoshop CS6/CC, Adobe® Illustrator CS6/CC,  
CorelDRAW® 2018/2019 [Windows]

**brother**  
at your side

**GTX**pro

Updated 2/27/25

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