

NEXT GENERATION  
DECORATING TECHNOLOGY  
FOR HIGH VOLUME PRINTING.



# Save ink, save time with the Advanced Ink System.

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



ADVANCED INK SYSTEM



BULK INK SYSTEM WALKTHROUGH



INK CIRCULATION WALKTHROUGH



## 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 10% 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>1</sup> 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.
- Installation and end-users training by an authorized Brother DTG dealers.



PRINT MORE THAN TEE



DUAL PLATEN SENSOR

## 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]



\*When compared to first generation GTX printer (GTX-422). <sup>1</sup>Additional purchase required.

# A scalable system that grows with your business.

The Brother GTXpro Bulk gives you 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 utilizing the optional SDK.
- Take advantage of our industry partners to provide a wide range of automation tools.
- Scheduled time for white ink circulation to minimal impact on production.



# Low running cost. Less maintenance.\*

Take advantage of efficiencies in ink systems, maintenance components and operation costs to help maximize 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 tubes and print head



NEW WHITE HEAD



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

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



# Brother GTXpro Bulk Direct To Garment printer

|                                    |   |
|------------------------------------|---|
| <b>MACHINE SIZE</b>                | 1,780mm (W) x 1,300mm (D) x 1,210mm (H) (70" x 51" x 48") *with recommended stand   |
| <b>MACHINE WEIGHT</b>              | Approx. 165kg (364 lbs) including platen *not including stand   |
| <b>PLATEN SIZES</b>                | Maximum Print Size is 406mm x 533mm (16" x 21")   |
| <b>INCLUDED PLATEN SIZE</b>        | 356mm x 406mm (14" x 16")   |
| <b>INK TYPE</b>                    | Water-based pigment ink   |
| <b>INK-HEAD TYPE</b>               | Brother manufactured on demand piezo head   |
| <b>NUMBER OF INK-HEADS</b>         | 2 print heads / 8 ink channels  |
| <b>PRINT RESOLUTION</b>            | 1200 dpi x 1200 dpi   |
| <b>PRINT MODE</b>                  | Single or double for CMYK. Underbase and highlight for white.   |
| <b>ENVIRONMENT</b>                 | <b>Standby Conditions:</b> 10°C - 35°C (50°F - 95°F), 20%-85% relative humidity<br><b>Operating Conditions:</b> 18°C - 30°C (64°F - 86°F), 35%-85% relative humidity  |
| <b>DATA OUTPUT</b>                 | Printer driver (USB, File Output, LAN)  |
| <b>POWER SUPPLY</b>                | AC 100V-240V, 50/60Hz ± 1Hz   |
| <b>POWER CONSUMPTION</b>           | 0.8A(average) [Reference: 0.4A - during circulation]  |
| <b>INK CURE</b>                    | 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°C (320°F) for 3.5 minutes. Time and temperature may vary depending on which manufacturer's dryer is used. |
| <b>PRE-TREATMENT</b>               | 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.   |
| <b>OPERATING SYSTEM</b>            | Windows 8.1 (64bit), Windows 10 (64bit)<br>macOS® 10.14 Mojave, macOS® 10.15 Catalina   |
| <b>INTERFACE</b>                   | USB2.0, LAN (10 BASE-T, 100 BASE-TX), USB Flash Memory (Under 32GB, FAT32 format)   |
| <b>DRIVER OPERATING CONDITIONS</b> | 2GHz CPU (minimum recommendation)<br>4GB RAM (minimum recommendation)   |
| <b>DISPLAY RESOLUTION</b>          | XGA (1024x768) (minimum recommendation)   |
| <b>RECOMMENDED APPLICATIONS</b>    | Adobe® Photoshop CS6/CC, Adobe® Illustrator CS6/CC, CorelDRAW® 2018/2019 (Windows)  |

brother  
at your side

**GTX**pro



brother GTX Asia



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