5TH GENERATION DTG PRINTER

GTXpro

BRILLIANT COLOR REPRODUCTION.
USER-FRIENDLY OPERATION.
INDUSTRIAL GRADE CONSTRUCTION.

GTXPRO

Intelligent Ink Technology

Fueled by Innobella Textile chemistry, GTXpro utilizes an enhanced ink system with these next-generation features:

innobella TEXTILE

Dual White Ink Circulation System – Circulation in the ink lines and internally in white print head

Industrial Maintenance Station – Includes next generation wet capping system

NEW WHITE HEAD

Replaceable Ink Pouches – Reduces plastic waste for environmental friendliness

OEKO-TEX®
INSPIRING CONFIDENCE
ECO PASSPORT
NEP 1802 Nissenken

Engineered for Garment Decorating

Standard, operator-friendly features and a large print head to substrate gap produce great looking prints.

Automated Maintenance – Achieve greater consistency and improved reliability

Dual Platen Height Sensors – Ensures optimal platen height and crisp printing

DUAL PLATEN SENSOR

Print Reservation Feature – Perform multiple printer actions with no additional time

Versatility and Performance

Print more than tees, more efficiently than ever.

XL Print Area – Print up to 16" x 21"

Wide Variety of Platens – Print on almost anything

High Speed Production Mode – Print up to 40 dark garments or 55 light garments an hour
(11" x 11" DESIGN AT 1200 x 1200 DPI)

PRINT MORE THAN TEE

GTX Graphics Lab – Design and enhance your prints with custom software

At Your Side Commitment

A well-earned reputation for service and support.

Professional Installation and Training:
Installation and end-users training by an authorized Brother DTG dealer.

Brother GTXpro Direct to Garment Printer (GTX-423)

MACHINE SIZE
1400mm x 1300mm x 550mm (55" x 51" x 21.7")
not including stand

MACHINE WEIGHT
Approx. 120kg (265 lbs.) 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:
10°c -35°c (50°F to 95°F),
20%-85% relative humidity

Operating Conditions:
18°c to 30°c (64°F -86°F),
35%-85% relative humidty

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°c (320°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, 1000BASE-T)
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)

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brother at your side

GTX pro

brother GTX Asia

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Brother Earth

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