



Product Sheet

Brother GTXpro Textile Printer

Category: Brother textile print

BROTHER GTXpro-423 textile printer with CMYK and 2 White

Discover Brother GTXpro, a flexible and versatile DTG printer that meets the demands of both small and large production runs. With innovative features and high precision, this printer is designed to make your printing work easier, faster and more sustainable. Whether you produce handmade collections or large-scale orders, GTXpro is the right choice for you.

- High quality in one sweep – 1200 x 1200 dpi and up to 10% faster than previous models.
- Environmentally friendly ink – Uses Innobella textile dyes for sustainable and vibrant prints.
- Flexible use – Works on cotton, polyester, silk and other materials.

Product description

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The new Brother GTXpro: Created for everyone – and for every need.

Discover Brother GTXpro, a flexible and versatile DTG printer that meets the demands of both small and large production runs. With innovative features and high precision, this printer is designed to make your printing work easier, faster and more sustainable. Whether you produce handmade collections or large-scale orders, the GTXpro is the right choice for you.

Description

- High quality and speed – 1200 x 1200 dpi resolution in a single pass and up to 10% faster than previous models.
- Environmentally friendly ink – Uses Innobella textile inks for sustainable and vibrant prints.
- Flexible use – Works on cotton, polyester, silk and other materials.
- Ease of use – Easy to use, just like a regular printer.
- Compatible with the GTX series – All GTX series accessories and palettes can be used with the GTXpro.

7 reasons to choose Brother GTXpro

1. **New industrial print head**
The newly developed print head with internal ink circulation reduces ink consumption during cleaning, which lowers both costs and environmental impact. This makes your production both more efficient and more sustainable.
2. **Up to 10% faster** printing
With more nozzles than previous models, GTXpro offers a print speed that is up to 10% faster. This allows you to easily handle high-volume production without compromising on quality.
3. **Optimised** maintenance
Improved automatic cleaning processes drastically reduce the time spent on maintenance. This means that the machine is more available for continuous production and less time is wasted.
4. **Sustainable** solutions
Innobella textile inks certified according to OekoTex Passport and GOTS 5.0 guarantee environmentally friendly production without compromising on vibrant colours or long-lasting durability.
5. **Ultimate** flexibility
GTXpro can print on a wide range of textiles and products, including cotton, polyester, silk, shoes, hats and trousers. With the same ink, you can easily handle varying materials and needs from your customers.

6. **Reduced waiting** time

Automated functions eliminate the need for manual confirmation in critical steps, such as file loading and cleaning. This saves valuable time and creates a smooth workflow.

7. **User-friendly sensor** technology

The advanced sensor automatically informs you when the pallet height needs to be adjusted, ensuring the highest possible print quality while minimising ink mist. The result is a simpler and more reliable user experience.

The Brother GTXpro-423 is the perfect printer for those who want a reliable, fast and flexible solution for DTG printing. Upgrade your production with this high-performance machine and take your printing to new levels!

Recommendations for use

For best results when using white ink, pre-treatment is required, which can be applied manually or with an automatic machine. After pre-treatment, you should use a transfer press or drying oven to cure according to the manufacturer's instructions.

Recommended settings:

- **Transfer press:** 180°C for 35 seconds
- **Drying oven:** 160°C for 3.5 minutes (adjust depending on equipment)

Please note: Heat press, transfer press or drying oven not included.

Technical Specification

Machine Specifications	
Printing method	Direct inkjet textile printer
Machine size and weight	- Size: 1400 mm × 1300 mm × 550 mm - Weight: Approximately 120 kg (including plate)
Plate sizes	- Maximum print size: 40.6 cm × 53.3 cm (16" × 21") - Included plate: 35.6 cm × 40.6 cm (14" × 16")
Ink and print head	- Ink type: Water-based pigment ink - Print head type: Brother piezo print head - Number of print heads: 2 print heads / 8 ink channels
Print quality	- Resolution: 1200 dpi × 1200 dpi - Print mode: Single or double for CMYK, underbase and white highlight
Environmental requirements	- Storage conditions: 10°C–35°C, 20%–85% humidity - Operating conditions: 18°C–30°C, 35%–85% humidity
Data transfer	Connections: USB, file output, LAN
Power supply and consumption	- Power supply: AC 100V–240V, 50/60Hz ±1Hz - Power consumption: 0.8A (average), 0.4A during circulation
Ink curing	- Heat press: 180°C (356°F) for 35 seconds - High-volume production: Recommended conveyor dryer at 160°C (320°F) for 3.5 minutes - Drying time and temperature may vary depending on the dryer model
Pre-treatment	- Apply pre-treatment before printing with a manual or automatic device - Then dry the garment with a heat press according to the manufacturer's instructions - Pre-treatment is necessary for white ink
Operating system	- macOS: 10.14 Mojave, 10.15 Catalina - Windows: 8.1 (64-bit), 10 (64-bit), 11 (64-bit)
Connections and interfaces	- USB 2.0, LAN (10 BASE-T, 100 BASE-TX, 1000 BASE-T) - USB flash drive: (under 32 GB, FAT32 format)
System requirements	- Processor: 2 GHz CPU (minimum requirement) - Memory: 4 GB RAM (minimum requirement)
System requirements	Screen resolution: XGA (1024×768) (minimum requirement)
Recommended applications	- Adobe® Photoshop CS6/CC - Adobe® Illustrator CS6/CC - CorelDRAW® 2018/2019 (Windows)