



Product Sheet

Brother GTXpro BULK

Category: Brother textile print

The new Brother GTXpro BULK: Mass production and flexibility combined in one machine!

Discover the Brother GTXpro BULK – the perfect combination of power, precision and flexibility for industrial DTG printing. With an innovative bulk ink system that uses 1.8 litre and 9 litre bottles and 18 litre drums instead of traditional cartridges, Brother has taken its GTX series to new heights. Add an improved print head and a wide range of smart features, and you get a compact, affordable and high-performance DTG printer that handles mass production without compromise.

- Maximum print area: 406 mm x 533 mm with 1200 x 1200 dpi resolution for sharp details.
- Higher productivity: Up to 10% faster than previous models.
- Environmentally friendly ink: Certified pigment ink for sustainable and high-quality textile printing.

Product description

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Description

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- Higher productivity: Up to 10% faster than previous models.
- Environmentally friendly ink: Certified pigment ink for sustainable and high-quality textile printing.
- Flexible use: Works on cotton, polyester, silk and other materials.
- Compatibility: All GTX accessories, including various palettes, work perfectly with GTXpro BULK.

The main advantages of GTXpro BULK

1. New industrial print head – For even higher performance

The improved print head with internal ink circulation reduces ink consumption during cleaning and ensures consistent quality even at high-speed printing.

2. High-speed printing – Save time and increase productivity

With more nozzles than previous models, GTXpro BULK prints in high-speed mode, making the printing process up to 10% faster!

3. Easy maintenance – More time for production

Automatic cleaning processes have been optimised to minimise time consumption and maximise uptime.

4. Focus on sustainability

With OekoTex Passport and GOTS 5.0 certified Innobella textile inks, your production will be both high quality and environmentally friendly.

5. Outstanding flexibility

Print on a wide range of textiles – from cotton and polyester to silk. You can also print on shoes, hats and much more with the same ink.

6. **Faster and smoother workflow**

Save valuable time by eliminating the need for manual confirmation in important steps, such as file loading and cleaning.

7. **World-class user-friendliness**

The new sensor technology automatically detects and informs you when the pallet height needs to be adjusted, ensuring optimal print quality and minimising waste.

With Brother GTXpro BULK, you get a reliable, innovative and cost-effective solution that takes your DTG printing to new levels – faster, more sustainable and more flexible than ever before.

Recommendations for optimal use

For best results with white ink, pre-treatment is recommended. Apply the pre-treatment manually or with an automatic machine and cure with a transfer press according to the instructions. For higher production volumes, a drying oven or drying tunnel is ideal.

Recommended settings:

- **Transfer press:** 180°C for 35 seconds
- **Drying oven:** 160°C for 3.5 minutes (adjust according to type of equipment)

Please note that a heat press or drying oven is not included.

Technical Specification

Machine Specifications	
Printing method	Direct inkjet textile printer
Machine size and weight	- Dimensions: 1780 mm × 1300 mm × 1210 mm (with recommended stand) - Weight: Approx. 165 kg including plate (without stand)
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: 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	Print driver: USB, file output
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) - Screen resolution: XGA (1024×768) (minimum requirement)
Recommended applications	- Adobe® Photoshop CS6/CC - Adobe® Illustrator CS6/CC - CorelDRAW® 2018/2019 (Windows)