brother
at your side

GTX300

HYBRID DTG / DTF
GARMENT PRINTER

CREATE.
PRINT.
IMPRESS!



VERSATILE BY DESIGN

Engineered as a true hybrid solution, the GTX300 gives you the flexibility to take on a wider range of jobs, fabrics, and decoration styles all with a single, professional-grade printer.

- **HYBRID DTG/DTF SOLUTION**
  Print directly to cotton garments or switch seamlessly to DTF for polyester, blends, and performance wear



PROFESSIONAL PERFORMANCE

Built to meet professional production demands, the GTX300 delivers speed, precision, and reliability that scale with your business.



- **HIGH-SPEED PRINTING**
  High-performance print heads and advanced deliver production speeds with crisp detail and color
- **HIGH-RESOLUTION PRINT QUALITY**
  Produce sharp detail, vibrant color, and durable with DTG or DTF
- **INK FLOW TECHNOLOGY**
  A wave-like ink flow through the print head delivers smooth gradients, precise detail, and professional speed
- **SMALL, COMPACT FOOTPRINT**
  Designed for shops, classrooms, and workspaces of all with maximum footprint of 51.0" x 65.7" x 23.0"

PRINTING MADE SIMPLE

Get the GTX300 delivered in the morning and start printing by the afternoon - making professional DTG and DTF printing easy to learn, operate, and maintain.

- **EASY TO OPERATE**
  Simple setup and intuitive controls designed for real - world production for both beginners and professionals
- **7" TOUCHSCREEN PANEL**
  Setup, printing, and support directly at Setup, printing, and support directly at your fingertips
- **GTX GRAPHICS LAB**
  All-in-one design and print software built specifically for DTG and DTF workflows comes included
- **AUTOMATED MAINTENANCE**
  Built-in automated maintenance plus continuous white ink circulation helps ensure reliable output

AT YOUR SIDE

The GTX300 includes built-in guidance, ongoing education, and limited one-year warranty protection to support you at every stage.



- **GUIDED ONLINE INSTALLATION**
  Step-by-step guided installation and onboarding tools from unboxing to production.
- **ONLINE TRAINING FROM BROTHER ACADEMY**
  Built-in access to Brother Academy provides online courses, training resources, and webinars for continued learning.
- **ONE-YEAR LIMITED BROTHER WARRANTY**
  Backed by a full one-year, bumper-to-bumper warranty that includes print heads

GTX300NC PRINTER SPECIFICATIONS

PRINT METHOD
Direct inkjet garment printer

MACHINE SIZE
Platen Loading:
129 5mm x 1465mm x 583mm
Maximum:
1295 mm x 1670 mm x 583mm

MACHINE WEIGHT
Approx. 125kg (including platen)

MEDIA THICKNESS
DTG Maximum: approx. 30mm
DTF Maximum: 0.12mm

INCLUDED PLATEN SIZE
35.56cm × 42.01cm

PRINT RESOLUTION
1200 dpi x 1200 dpi

PRINTABLE AREA
Maximum with Wide Platen:
40.64cm × 53.34cm

INK TYPE
Water-based pigment ink,
5 colors CMYKW

INK-HEAD TYPE
Brother manufactured
Piezo print head

NUMBER OF INK-HEADS
2 print heads / 8 ink channels

POWER SUPPLY
AC 100V-240V, 50/60Hz ± 1Hz

POWER CONSUMPTION
During printing: Less than 180W

CURING CONDITION
DTG: Conveyor oven 160°C 3 min, 30 sec or Heat press 180°C 35 sec
DTF: Powder: Conveyor oven 160°C 5 min
Transfer: Heat press 150°C 20 sec
(+ Additional press 20 sec)
Time and temperature may vary depending on which manufacturer's dryer is used.

ENVIRONMENT
Standby Conditions
DTG: 10°C to 35°C, 20%-85% relative humidity
DTF: 10°C to 35°C, 20%-65% relative humidity
Operating Conditions
DTG: 18° C to 30°C, 35%-85% relative humidity
DTF: 19° C to 30°C, 35%-65% relative humidity

PRE-TREATMENT
Before DTG 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.

CONTROL PANEL
7 inch touch panel

OPERATING SYSTEM
macOS® Sequoia & Tahoe | Windows 11 (64-bit)

INTERFACE
100BASE-TX/1000BASE-T (LAN) SuperSpeed USB3.0 (USB USB Flash Drive) Hi-Speed USB2.0 (PC connection)

DRIVER OPERATING CONDITIONS
2GHz CPU (minimum recommendation) 8GB RAM (minimum recommendation)
For DTF printing, 16GB RAM (recommendation)

SOFTWARE
GTX Graphics Lab and Print Driver for print file creation

RECOMMENDED APPLICATIONS
Adobe® Photoshop CC | Adobe® Illustrator CC

Brother Earth

atlas digital

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