

DTF ROLL SOLUTION

DTRX

RELIABILITY MEETS PERFORMANCE



brother
at your side

ENGINEERED TO PERFORM

DEPENDABLE PRODUCTION. BRILLIANT RESULTS.

From advanced piezo printhead innovation to industrial maintenance, every detail of this DTF solution is crafted to deliver reliable performance and brilliant results at production speed. Built on Brother's proven expertise, the DTRX core components - including the print heads, ink delivery system, and maintenance station - are derived from years of designing printers engineered to handle the demands of textile white ink.



DTRX TOTAL SOLUTION INCLUDES:

- DTRX100 32" Roll to Roll Printer
- Integrated Adhesive Applicator and Curing Device
- Includes 32" wide DTF Film, adhesive powder, and ink

Brother At Your Side Service and Support

Brother stands behind our products with at your side service and support. Certified Brother technicians and Brother Academy's online support resources are available to your team anytime.

ENGINEERED TO PERFORM

BUILT TO WORK SEAMLESSLY TOGETHER

Experience the confidence of printing at peak performance with this fully integrated DTF system. Each component is engineered to the renowned Brother standard, delivering unmatched print quality, proven reliability, and maximum efficiency. Designed to work in perfect harmony, every element is built for optimal performance from start to finish.

ADHESIVE CURING UNIT INCLUDES:

- Large adhesive powder reservoir with recirculation
- Infrared curing technology with optimal curing temperature for strong adhesion and vibrant colors
- Easy-to-use touch screen interface with programmable settings



TECHNOLOGY FOR HIGH PERFORMANCE

FAST, SMOOTH, CONSISTENT PRODUCTION

Designed for high-volume shops, DTRX integrates industrial print heads, optimized white ink circulation, and a robust maintenance station to deliver consistent quality and dependable performance at production speeds.



CONSISTENT, FAST OUTPUT

Experience faster printing with innovative piezo plate technology and longer print runs thanks to large dampers and internal fan system.

BROTHER MANUFACTURED PRINT HEADS

The white ink circulation from the ink lines through the print head helps keep operations running smoothly with less involvement.

SPECIALIZED DTRX POUCH INKS

Powered by ink manufactured specifically for high speed DTF printing, enjoy brilliant, durable prints.



FLEXIBILITY FOR YOUR PRODUCTION

MORE OUTPUT. SAME WORKFLOW.

DTRX is designed to integrate seamlessly with most existing production systems, offering compatibility with industry leading RIP software programs you already use. Boost your output without changing the way you work.



BROTHER DTRX100 DTF PRINTER SPECIFICATIONS

MACHINE SIZE

Printer Only: 90.9" W x 33.5" D x 63.4" H
(2310mm W x 850mm D x 1610mm H)

Dryer: 76.8" W x 44.1" D x 41.7" H
(1950mm W x 1120mm D x 1060mm H)

MACHINE WEIGHT

Printer with stand: 590.8 lbs (268 kg)
Printer only: 498.3 lbs (226 kg)

RESOLUTION

Maximum: 600x1200 dpi

INK

5-Color Water-Based Pigment Ink (CMYKW)

INK CAPACITY

700ml Pouches (CMYK 2 White)

PRINTER HEAD

Brother Manufactured Industrial Print Heads:
4 Print Heads (CMYK x2 / White x2)

WHITE INK MANAGEMENT

Ink circulation in print lines and manifold
Wet caps and wiper blades

POWER SUPPLY

Printer - 200-240V/7.5A, Single Phase
Dryer - 200-240V/20A, Single Phase

INK CERTIFICATION

ECO PASSPORT by Oeko-Tex
ECOCERT GREENLIFE by GOTS

ROLL SPECIFICATIONS

Maximum Width:
31.9" (810mm)

Minimum Width:
23.6" (600 mm)

Positioning According
to Display

Paper Core:
2" or 3" core

Material:
PET (DTF)

Maximum Thickness:
0.5mm

Roll Diameter:
Max 5.9" (150 mm)

Weight:
Max 28.7 lbs (13 kg)

MAXIMUM PRINT WIDTH

31.5" (800 mm)

HEATER / CURING

Pre-printing, ink printing and post printing heat elements

CONTROL PANEL

10inch Touch Panel

CONNECTIVITY

Ethernet 1000BASE-T

PRINTING ENVIRONMENT

Operating: 64 - 86°F / 18°-30°C
Humidity: 20-85% (with no condensation)

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