Direct-to-Garment Printer with Built-in Enhancer system



RICOH Ri 4000

Print on 100% Polyester & Cotton No Manual Pretreatment.





















RICOH Ri 4000

The NEW ERA of DTG printing with Automatic Pretreatment

RICOH Ri 4000 is a game-changing DTG printer with built-in Enhancer technology which means an end to manual pretreatment; This printer will complete the pretreatment process for you. Using RICOH's newly developed ink, you can now print on 100% Polyester and Cotton with unprecedented speed and efficiency.

Quick-change Platens

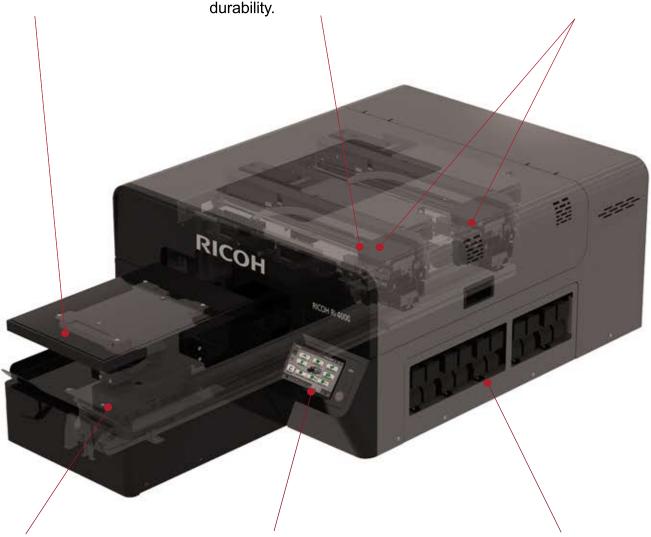
Changing magnetic platens is a snap. Easily swap among a wide variety of platens for maximum versatility. Print up to 16" x 19.6"

High-Performance Print Heads

The RICOH Ri 4000 is equipped with the leading genuine Ricoh piezo-electric drop-on-demand print heads designed for speed, precision, and durability.

Dual Carriages

The first carriage lays down the newly developed Enhancer followed by the second carriage with the white and color layer.



Auto Platen Height Adjustment

Easily switch between substrates and let the Ri 4000 auto optimize the platen height to achieve the best printing. Automatic and laser-assisted height adjustment speeds up your workflow and foolproof your prints by positioning your platen with precision.

7" Touchscreen With Smart Alerts

Large 7" touchscreen delivers a vibrant, full-color display with upgraded graphical interface, intuitive controls, and advanced technologies. Includes an operation guide that provides smart alerts and maintenance reminders.

New Enhancer and Ink Formulas

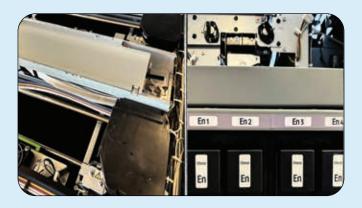
Equipped with 4 cartridges of enhancers, 4 CMYK, and 2 white. Ri 4000's inks are safe, longlasting, vibrant, and superior color performance even on 100% polyester. Save ink, time, and cost by optimizing your inventory

Print on Polyester & Cotton in any colors. No manual pretreatment.

The new RICOH Ri 4000, with a built-in Enhancer system and newly developed inks, allows you to expand your product offerings, save costs, and increase your work efficiency.

Print on Dark Polyester with ease

With the development of the new RICOH lnks and printer, the Ri 4000 prints on 100% polyester with ease. Expand your business by printing on polyester with the best quality and lower costs to satisfy the growing demand for polyester fabrics, particularly for sportswear.



Save Ink/Time/Space for quick ROI

Since pretreatment liquid is only applied to the print area and not the whole surface, Ri 4000 uses less pretreatment liquid than other printers. By eliminating the need for manual pretreament application or a specialized secondary machine, the print quality is consistent and your workspace is streamlined.



Built-In Enhancer system

No manual pretreatment process is needed. Ri 4000 automatically performs the pretreatment process by discharging the RICOH enhancer liquid with its inkjet heads on the garment. As a result, reduction of workloads, lower margin of error, and minimum operator training are achieved.



Automatic maintenance system

Thanks to the automated maintenance procedures and advanced monitoring technology, the Ri 4000 stays in an active state where it is walk-up ready and reduces manual upkeep.

The right care for our customers

Recognized as a worldwide leader in Technical Support, RICOH offers support via phone, email, and video call, plus access to our RICOH University learning resources. RICOH technicians will work with you until your prints are perfect. We're always at your side.



RICOH Ri 4000

TECHNICAL SPECIFICATIONS

Printable Area Up to 16 x 19.6 inches (40.6 x 49.8 cm)

with large platen (optional)

Print Head Technology RICOH Piezo-electric drop-on-demand

inkjet printhead

Ink Chambers / 8 Ricoh print heads

Nozzles per Chamber 16 Channels/ 192 nozzles per channel

Print Speeds*, 10" x 8" Graphic, on light garment Speed print: 92 seconds Fine print: 123 seconds

Resolution Settings Speed: 600 x 600 dpi/ 4 pass

Fine: 600 x 600 dpi/ 8 pass

Super Fine: 1200 x 1200 dpi/ 16 pass

Ink Type Genuine Ricoh-approved direct-togarment water-based pigmented

CMYK, white ink, and enhancer.

Ink Delivery System Advanced closed-loop delivery system;

Auto ink circulation system for white

channels

Printable Substrates 100% polyester, cotton, and blends;

DTFilm (with recommended setting

from RICOH)

up to 1.2 inches (3 cm)

Maintenance Features Precise ink monitoring, auto ink

maintenance system, automated print head cleaning, power purge system to help fill and remove ink from system

Connectivity USB drive and Ethernet

Operating Environment 59° - 90°F (15° - 32°C)

Electrical Requirements AC 100V-120V, 50-60Hz, 4.0A,

Max 320 watts

Dimensions 34.7 x 65.4 x 19.7 inches

(WidthxDepthxHeight) (88.2 x 166.2 x 50 cm)

Weights 298 pounds (135 kg)

Curing Temperatures and

Times - Heat Press

Light Polyester/Cotton (CMYK only): 280°F (138°C)

(Conveyor Times Vary)

Dark Polyester/Cotton (CMYK+white ink):

280°F (138°C)

Print Tables Medium platen (included)

12.6 x 18 inches (32 x 45.7 cm)

Small platen (optional)

10.5 x 13 inches (26.6 x 33 cm)

Large platen (optional)

16 x 19.6 inches (40.6 x 49.8 cm)

ColorGATE PS23

SYSTEM REQUIREMENTS

Recommended PhotoShop/Illustrator/CorelDraw/

Graphics Applications Action Illustrated

Compatible File TIFF, PNG, JPG, BMP, PSB, PSD Formats (PDF, PS, EPS are supported

(PDF, PS, EPS are supported for non-bundle editions)

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Required Operating Windows 10 (Pro, Enterprise)
System Windows 11, Window Server 2016

Windows 11, Window Server 2016
Windows Server 2019

(Apple MacOS with Parallels Desktop)

Minimum Processor and Memory CPU: Intel Core i3-2100 / AMD Athlon II X2 340

RAM: ≥ 4GB

Computer Storage Free disc space: 120 GB

Display Resolution 1280 x 1024

Learn more www.colorgate.com



www.RicohDTG.com (877) 626-2538

^{*} The print was timed from the start to finish of ink laydown.