Direct to Garment Printer

RICOH Ri 100

☑ Printer ☐ Copier ☐ Facsimile ☐ Scanner

RICOH
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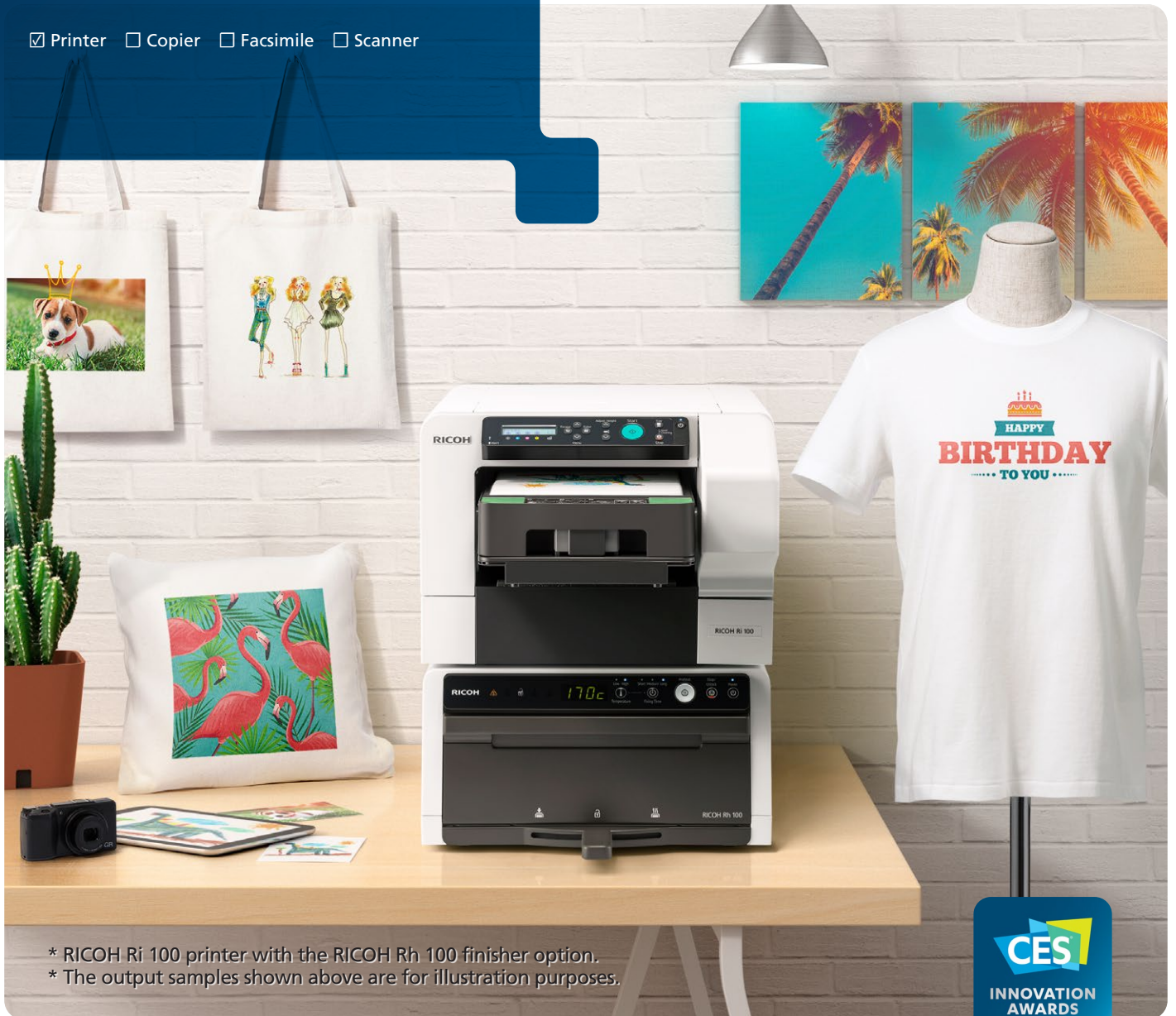
* RICOH Ri 100 printer with the RICOH Rh 100 finisher option.
* The output samples shown above are for illustration purposes.

CES INNOVATION AWARDS 2018 HONOREE

RICOH Ri 100
Your Custom Garment Printing Business Begins Here

The RICOH Ri 100 revolutionizes the world of direct-to-garment (DTG) printing. Named a CES 2018 Innovation Award Honoree, the Ri 100 is the most affordable, easy to use and portable DTG printer on the market. The Ri 100 is the perfect first step to launch your custom T-shirt printing business! No prior experience is necessary to create beautifully printed products safely and easily, in-house or on-the-go.

Applications for customers looking for…

An All-In-One, Profitable Printer System

The RICOH Ri 100 all-in-one printer system prints images directly onto light-colored cotton or polyester* garments using state-of-the-art DTG technology with the lowest initial investment.

- Provide your customers with beautiful products in minutes
- Print event-specific custom t-shirts on demand — **take the RICOH Ri 100 everywhere!**
- Receive a bundle with your printer system that includes everything you need to **break even on your investment** before replacing ink

Not for use with dark-colored cotton or polyester garments

A world of printing possibilities

The RICOH Ri 100 adds value to your bottom line because of the multitude of products it can print on, such as:

- T-shirts
- Pillowcases
- Tote bags
- Infant onesies
- Towels
- And much more!

A wealth of business opportunities

The opportunities with the RICOH Ri 100 are only limited by your imagination:

- Community events
- Sporting functions
- Fundraisers
- Retail stores
- Kiosks
- Company parties
- Trade shows
- Online stores

With a low price and an easy-to-use design, the RICOH Ri 100 makes it easy to begin DTG printing right away. Because all printing is on-demand, you can fulfill even highly-customized orders quickly and efficiently.

The Comprehensive Direct-to-Garment Solution

Small Size Packs Big Opportunity

The RICOH Ri 100 can fit into a space as small as 15.7" wide x 27.5" deep, making it one of the smallest DTG printers. The printer and its finisher can be stacked to maximize functionality without sacrificing space.

High Quality Images & Products

Achieve superior prints thanks to RICOH's inkjet technology, which prints directly onto the fabric. Preserve the look and feel of garments while still maintaining a high level of image vibrancy.

Easy Design Software

RICOH Design Software lets you easily edit and import images before printing. Use the desktop software, convenient iPad app, or simply send prints from your smartphone with ease.

Low Price, Quick ROI

The RICOH Ri 100 is priced to get your business going. With a small initial investment, you can start to see returns right away. It's the perfect entry-level printer for your small to medium-sized, custom orders.

Safe and Effortless Technology

The RICOH Ri 100's intuitive design requires no prior experience to print and finish prints, with safety as a top priority. The inks adhere to the fabric safely and periodic maintenance is carried out through a simple process (automatic and semiautomatic).

Step 1

Choose the design

Use the accompanying software to choose the design. Set the printing mode based on the fabric used.

Step 2

Set fabric

Set the T-shirt or bag in the tray. Even beginners can accomplish this task with ease.

Step 3

Pre-press

Insert the tray into the finisher to smooth out creases.

Step 4

Print

Printing takes approximately two minutes. Just load and unload the tray – it is that easy.

Step 5

Fix the design

Use the finisher (with built in safety features) to fix the ink and lock in the design.

The RICOH Ri 100 is highly compact, portable, and easy to use

The RICOH Ri100 Finisher can be set underneath the RICOH Ri 100 to maximize space

RICOH Tray for Standard Size Type 1 (A4)

RICOH Tray for Small Size Type 1 (A5)

RICOH Ri 100 Printer

RICOH Ri 100 Printer

Printing Method	Direct to garment printer
Technology	On demand piezo inkjet system
Resolution (dpi, bit/pixel)	**Speed Mode** 600 x 600 **Fine Mode** 600 x 600 **Vivid Mode** 1200 x 1200
Dimensions (WxDxH)	15.7" x 27.5" x 11.5" (Installation) 15.7" x 29.9" x 11.5" (Operation)
Weight	55.1 lbs. (24.99 kg)
Printable Area	**A4 Tray** 11.7" x 8.3" **A5 Tray** 5.8" x 8.3"
Printable Garment Type	**Fabric** Light-colored cotton or polyester* garments **Media** T-shirts (from baby size to adult), tote bags, sweatshirts, polo shirts **Color** Light garment only
Fabric Thickness	**A4 Tray** Less than 0.16" (4mm) **A5 Tray** Less than 0.16" (4mm)
Rating Power Spec.	100 - 120V, 50/60Hz
Power Consumption > Power OFF	**Active** Less than 27.5 W **Energy Saver Mode** Less than 2 W **Power Off** Less than 0.5W
Operating Conditions	59°F (15°C) - 89.6°F (32°C) Humidity 15% - 80% RH
Warm-Up Time	Less than 35 seconds
Compatible File Formats	PNG, JPG (TIFF, PDF, BMP output available through third party software)

Not for use with dark-colored cotton or polyester garments

RICOH Rh 100 Finisher

Fix Modes (Fusing)	Contact pre-press Contact heating mode Non-contact heating mode
Press Mode (Pre-Heating)	Contact heating
Machine Size	15.7" x 23.6" x 8.7" (39.87 cm x 59.94 cm x 22 cm)
Weight	Less than 40 lbs. (18.14 kg)
Rating Power Spec.	100 - 120V, 50/60Hz
Energy Consumption	Less than 1300 W
Temperature Range	356°F (180°C) (Default) 329°F (165°C)

Supported Environment/Connectivity

Host Interface	USB 2.0 High Speed, 10BASE-T/100BASE-TX, IEEE 802.11 b/g/n
Network Protocol	TCP/IP
Network/Operating Systems	Windows Vista/7/8.1/10/2008 Server/2012 Server/2016 Server, Mac OS X 10.9 or later
Safety Standard	UL / CE / IEC
EMC	FCC / CE / C-Tick/RCM
RF	FCC / RSS-210 / RE / C-Tick/RCM

Consumables

Ink Type	Pigment Ink

Target Consumable Yield

High Yield	**RICOH Garment Ink Cartridge K (Hi Yield) Type 1** 140ml/cartridge, Average 600 prints **RICOH Garment Ink Cartridge C, M, Y (Hi Yield) Type 1** 100ml/cartridge, Average 500 prints
Regular Yield	**RICOH Garment Ink Cartridge K Type 1** 50ml/cartridge, Average 200 prints **RICOH Garment Ink Cartridge C, M, Y Type 1** 35ml/cartridge, Average 150 prints

RICOH Design Software

Supported Devices	Devices running a Windows operating system or Microsoft .NET Framework 4.5 or later
Supported Operating System	Windows 7/8/10, 32- or 64-bit
Supported Display Resolutions	1280 x 800 or higher
Compatible File Formats	PNG, JPG

Daines Sewing Machine
(801)-266-6401
485 West 4800 South
Murray, UT 84123

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