# RICOH Ri 2000

Fast, easy to use and built for business

**RICOH**

imagine. change.

RICOH
Ri 2000

1200 dpi  Full colour plus white

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# Professional, high quality garment printing just got quicker and easier.

The RICOH Ri 2000 brings Direct to Garment printing to the next level. Built according to Ricoh's world class standards of engineering and design, the RICOH Ri 2000 delivers uncompromisingly high performance, innovative features, and unrivalled value.

## Dual carriages

Achieve top speeds with single-pass printing. One set of print heads lays down your white underbase followed immediately by the second set that deposits your colour layer.

## High performance print heads

The RICOH Ri 2000 is equipped with genuine Ricoh print heads designed for speed, precision, and durability. The result is gorgeous, high resolution print quality and minimised maintenance.

## Interactive touchscreen with smart alerts

Industry-leading 7" touchscreen boasts a vibrant, full colour display with intuitive controls and a built-in Interactive Operation Guide that provides smart alerts and maintenance reminders.

## Head cleaning jig

Goodbye, manual head cleans. Instead of messing with swabs and wipes, simply attach the cleaning jig, add cleaning solution, and let the printer do the rest of the work for you.

## Quick-change platens

Easily swap among different textile products by changing magnetic platens. What's more, print up to an extra-large with a maximum print size of 406 x 498 mm. Enjoy maximum versatility with virtually no downtime between setups.

## Fully automatic table height adjustment

Easily switch between substrates of varying thickness up to 30 mm. Automatic table height adjustment speeds up your workflow and sets the right table height for optimum image quality.

# Productive, versatile and delivering reliable results every time

With incredibly fast print speeds, easy operation, simplified maintenance, and advanced software solutions, the RICOH Ri 2000 saves time and money. Ramp up your production and spend more time growing your bottom line.

### Blazing fast print speeds

The RICOH Ri 2000 delivers exceptionally fast print speeds. It is outfitted with a dual-carriage system, each containing 4 print heads. One carriage is allocated to print white, the second carriage prints your CMYK colours. This enables enhanced print speeds and gets jobs done quickly.

### Grow your business

Ricoh's cutting-edge ColorGATE solution empowers you to take your print room to the next level. ColorGATE RIP software allows you to automate your workflow and deliver superior products with automated quality control and consistent colours across your network of printers. This modular solution enables you to meet the high standards of corporate clients.

### Walk-up ready

Print more and worry less. Thanks to automated maintenance systems and advanced system monitoring, the RICOH Ri 2000 stays in an active state where it is walk-up ready. Produce a perfect print whenever you are ready to use the machine.

### Impeccable print quality

From the subtle glow of flesh tones to bold, dramatic hues, the RICOH Ri 2000 prints in virtually unlimited colour and handles even the most complex colour gradations with ease. Capture fine photographic details and achieve crisp, high resolution prints up to 1200 x 1200 dpi.

### T-shirts and beyond

Expand your product offerings and print virtually any digital image on t-shirts, face masks, hoodies, tote bags, and more. Your only limit is your imagination.

## General

| | |
|---|---|
| Printer Type: | Direct to Garment Printer |
| Technology: | Ricoh piezo-electric drop on demand inkjet system |
| Head Type: | RICOH print head |
| Number of Print Heads: | 8 print heads (16 channels) |
| Resolution: | 1200 x 1200 dpi |
| Print Speed: | Speed Mode: 33 seconds |
| | Fine Mode: 48 seconds (254 x 203 mm, light garment) |
| Printable Area: | Max. 406 mm x 498 mm |
| Fabric: | 100% cotton, cotton blends with min. 50% cotton, 100% light polyester |
| Garment Type: | T-shirt, tote bag, sweatshirt, polo shirt, cushion cover and more |
| Fabric Thickness: | Up to 30 mm |
| Table Height Adjustment: | Automatic |
| Maintenance Features: | Temperature and humidity measuring, maintenance alerts, auto print head cleaning, precise ink monitoring |
| Operating Conditions: | Temperature: 15 - 32°C |
| | Relative Humidity: 45 - 80% RH |
| Dimensions (W x D x H): | 864 x 1660 x 520 mm |
| Weight: | 140 kg |
| Power Source: | 220 - 240V, 50/60Hz, 1.0A |
| Power Consumption: | Active: 120W |
| | Standby: 26W |
| Host Interface: | Ethernet 10/100 BASE-T |
| | USB flash drive |

## Ink set

| | |
|---|---|
| Ink Type: | Water-based pigment ink |
| Ink Colours: | CMYK and white |
| Ink Delivery System: | Cartridge type and pump system, white ink circulation system |

## Option

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|---|---|
| Small Platen: | 266 x 330 mm |
| Medium Platen (incl.): | 320 x 457 mm |
| Large Platen: | 406 x 498 mm |
| Other Platens: | More options available |

## System requirements

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|---|---|
| Operating System: | Windows 8.1 or later (64-Bit) |
| Minimum Monitor Resolution: | 1280 x 1024 pixels or more |
| Compatible file format: | BMP, JPEG, TIFF, PNG, PSB, PSD |
| CPU: | Intel Core i3-2100 / Athlon II X2 340 or newer |
| Memory: | 4 GB RAM or more |
| Free disk space: | 120 GB or more |

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