Color Sheet-fed Digital Press

RICOH
Pro C7500

RICOH
imagine. change.

Do more with a 5th Color digital press
that delivers true production level performance.

Unlock a full spectrum of opportunity.

Powerfully robust. Creatively engineered. The RICOH Pro C7500 5th Color Station Digital Press comes to market with enhanced performance, upgraded media handling and built-in automation — all so you can take on more work and meet the growing desire for creative communication that engages audiences and drives actions.

Tackle premium jobs, streamline workflows, and turn information into inspiration. Do it all with our newest digital press.

5th Color toners include gold, silver, neon pink, neon yellow, clear, white and invisible red.

Product highlights

- 5th Color capabilities*
- Print speeds up to 95 ppm**
- Maximum paper capacity of 16,200 sheets
- Media support from 40 to 470 gsm
- Oversized options up to 49.6" long
- Auto duplexing up to 13" × 38"
- Professional inline finishing
- 21-inch Smart Operation Panel
- Auto color calibration
- Precise registration
- 2400 × 4800 dpi resolution

Premium outcomes. Infinite possibilities.

Differentiate yourself with the power of Ricoh's 5th Color Station. Achieve vivid colors comparable to offset, from brighter oranges to deeper purples and luscious greens. Elevate applications with premium gold and silver. Use neon pink or neon yellow for high-impact messaging. Open the door to a new set of customers with invisible red for affordable security on certificates and tickets. Apply white as a base layer to deliver incredible graphics on colored and transparent media. Add clear to photos and logos for a slick look and explore unique patterns for luxury effects.
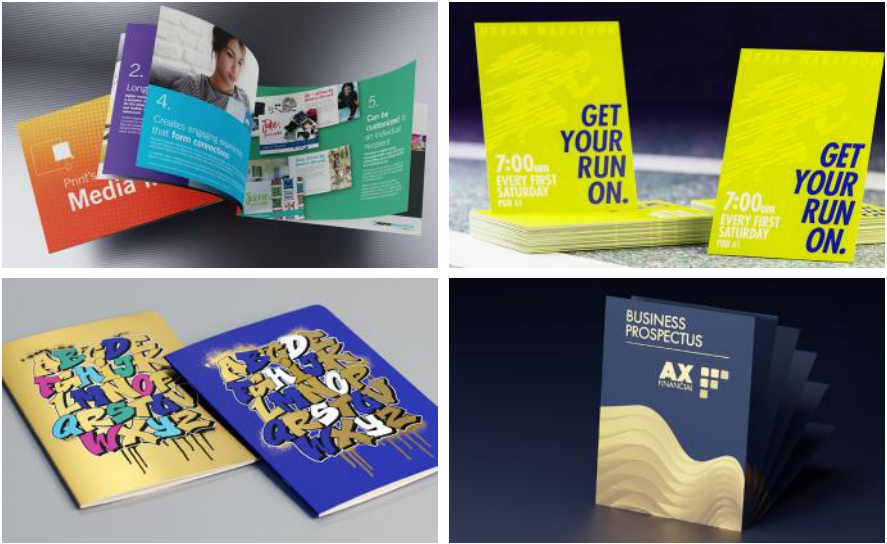
CMYK only

5th Color Neon Pink toner blended with CMYK

Blend in to **stand out**

Print structure overview

Neon Pink

CMYK base

Media

6 unique colors created

Blend guide

C55		100
C70 M10		100
Y100		100
M30 Y100		100
Y32		50
		100

More media. More color. More possibilities.

Choose either the new Fiery® N-50A or N-70A Color Controller Digital Front End based on Fiery and Ricoh technology to get more jobs done in a day. Process larger and more complex files faster than ever.
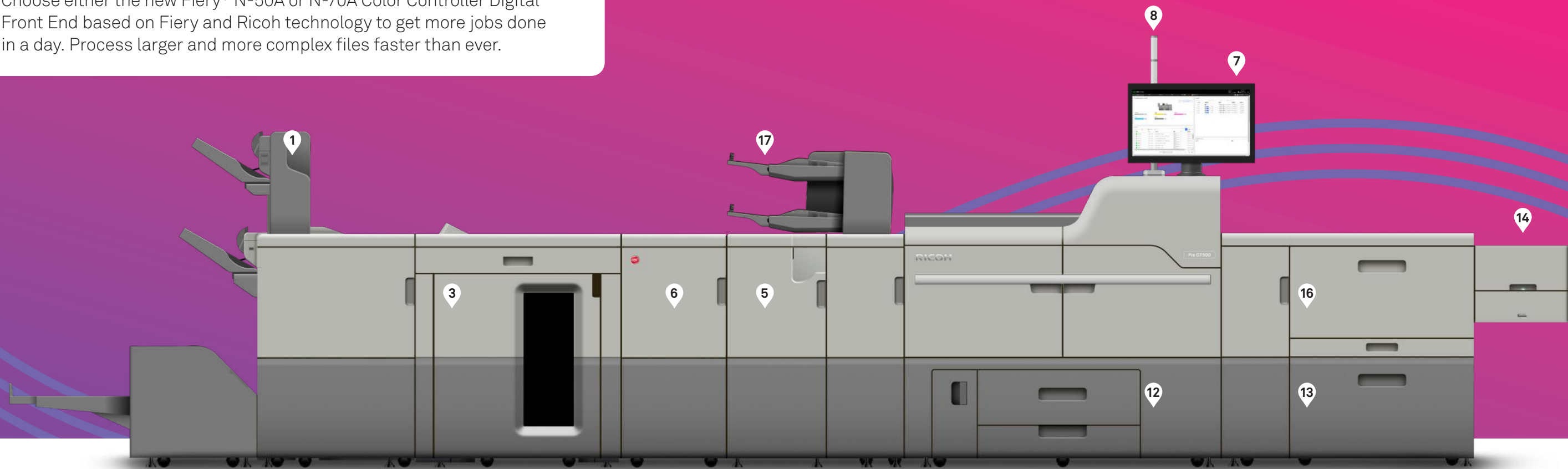
1 3,500-Sheet Booklet & Staple Finisher (SR5120)*
Saddle-stitch booklets up to 30 sheets and staple up to 100 sheets quickly at sizes up to 13" × 19.2".

2 Plockmatic Booklet Maker PBM5035/5035s*°
Create booklets up to 50 sheets of paper inline or offline with three-sided trimming and square fold. Supports up to 350 gsm coated or uncoated paper stocks.

3 High-Capacity Stacker (SK5040)*
A 5,000 sheet stacker with a rollaway cart quickly moves large output volumes to offline binding, or packing and shipping.

4 Perfect Binder (GB5010)*°
Glue and bind up to 200 sheets with three-edge trimming, including covers up to 300 gsm.

5 Six-Position Multi-Folding Unit (FD5030)*
Execute up to six types of folds to give your customers a wider range of finished documents.

6 GBC StreamPunch™ Plus & StreamWire*
Achieve professional quality with inline punching for media up to 300 gsm. Automate inline binding systems for twin-loop wire-bound booklets.

7 Full-Color Touch Screen Control Panel
Transition between jobs effortlessly via fingertip control and animated guides from the post-mounted 21-inch Smart Operation Panel.

8 Status Light Pole
Know the moment maintenance is required, even if you're away from the device.

9 VCSEL & Active Toner Density Control°
Create output with brilliant colors and smooth gradations for sharper text and more precise reproductions.

10 Oversized & Heavy Media Support°
Handle more types of media, including up to 13" × 19" standard paper sizes, a 38" oversize option, and heavy media up to 173 lb. cover (470 gsm), and keep more jobs in-house.

11 Media Identification Unit°
Eliminate guesswork during print production prep work and easily associate media with the closest available match in your media library.

12 Paper Trays (Standard)
With a total paper capacity of 4,400 sheets, you can print with fewer reloads. Increase capacity to 16,200 sheets with optional paper sources.

13 Active Tray Indicators
Find out which tray is currently being fed into the printer so you can refill other paper sources without interrupting the run.

14 Vacuum Feed Large Capacity Input Tray Type S14*
Ensure paper feeds run continuously with a three-belt air-blasting tool that handles coated papers up to 173 lb. cover (470 gsm).

15 Bridge Unit (BU5010)*°
Extend print runs and minimize interruptions by bridging three 4,400 sheet trays.

16 Vacuum Feed LCIT (RT5150)*
4,400 sheet Vacuum Feed LCIT can handle paper sizes up to 13" × 19.2" and paper weights up to 173 lb. cover (470 gsm).

17 Cover Interposer Tray (CI5040)*
Feed pre-printed sheets for fast production of front and back covers.

18 Plockmatic High Capacity Interposer*°
Use for automatically inserting pre-printed offset prints, front covers, back covers or tabs into your finishing workflow.

19 Multi Bypass Tray (BY5020)*°
Feed up to 500 sheets of specialty stocks, including sizes up to 49.6" and expand what you can offer customers.

*Optional
°Not shown

Engineered for easy operation.

Offer the premium products your customers demand — on time and on budget. The RICOH Pro C7500 is a high-performance digital press designed to power productivity. An intuitive 21-inch Smart Operation Panel provides a wider field of vision and the ability to remotely monitor the system from a smartphone or tablet. Specialty toners can be swapped in under 15 minutes, minimizing downtime. Built-in automation, such as color calibration, front-to-back registration and auto duplexing up to 13" × 38" keeps work flowing smoothly for operators of all skill levels.

Sophistication meets simplicity.

Informed by real-world needs, the RICOH Pro C7500 is packed with innovation that removes complexities. Powerful controllers manage mixed media jobs with ease and make it possible to create highly-targeted mailers, catalogs, welcome kits and more with printing that aligns variable data with variable imagery. Add automated workflow solutions to eliminate manual steps and choose from an array of industry-leading finishing options to fold, cut, crease and bind jobs, all inline.

More media. More opportunities.

Enhancements to the Media Identification Unit and Media Library enable everyone in your organization to achieve best-in-class, repeatable results. Confidently run specialty stocks, synthetics, oversized sheets and magnetic media. Go thin or heavy with paper weights from 40 to 470 gsm. From instruction pamphlets and decorative liners to short-run packaging and unique direct mailers, the RICOH Pro C7500 gives you more ways to produce robust applications and meet even the tightest deadlines.

Fiery® Security Features

The Fiery server offers several features that help ensure compliance with customer security regulations and frameworks, including Support for TLS 1.3, FIPS 140-2, and ISO/IEC-15408 (Common Criteria). Other features include security profiles that offer quick configuration for high, medium, and low-security operations – and these can even be customized for specific organizational needs. Plus, the 256-bit advanced encryption standard (AES) provides the strongest and most robust encryption standard commercially available today. Even if the disk is removed from the Fiery server, the user information stored on the disk cannot be read.

Exclusive resources. Dynamic services.

With Ricoh by your side, success starts from day one. Gain 24/7 access to turnkey marketing materials, print samples, how-to guides and a library of video tutorials. Tap into Ricoh's Dealer Business Services team for targeted assistance. Our portfolio of right-sized solutions helps fast-track your goals, from web-to-print and color management to marketing automation, package design, advanced finishing and so much more. We deliver everything you need to educate operators and maximize sales.
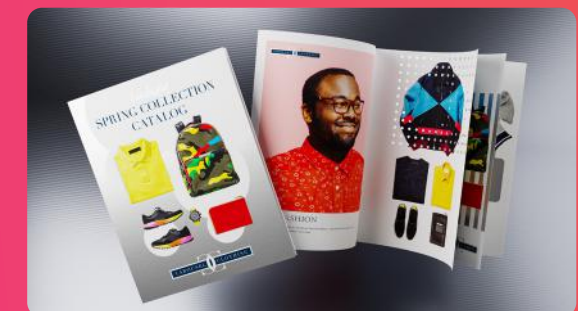
Speak to your dedicated RICOH Dealer Production Specialist to request samples and schedule a demo.

RICOH Pro C7500

SYSTEM SPECIFICATIONS

Hardware Specifications

Process	4-drum (standard) / 5-drum (optional) dry electrostatic transfer system with internal transfer belt
Fusing	Oil-less, belt fusing method
Engine Speed	85 ppm (standard) 95 ppm (with the optional Productivity Upgrade Kit)
Max. Monthly Volume	240K
Duty Cycle	1,500K 1,700K (with the optional Productivity Upgrade Kit)
Resolution	2400 × 4800 dpi VCSEL
Warm-Up Time	Less than 300 sec.
Limitless Paper Supply	Supply Supported
Paper Size	13" × 19.2" – 13" × 49.6" (when using Oversize Tray option)
Maximum Printable Area	12.7" × 18.9" – 12.7" × 49.4" (when using the Oversize Tray option)
Paper Weight	Tray 1: 52 – 300 gsm Tray 2: 52 – 256 gsm Trays 3 – 8: 40 – 470 gsm Optional Vacuum Feed LCIT RT5150 Optional Bypass Tray 52 – 216 gsm
Paper Type	Uncoated Paper, Coated Paper (gloss and matte), Recycled Paper, Preprinted, Letterhead, Pre-punched, Tab Stock, Textured Paper, Label Paper, Carbonless Paper
Paper Capacity	Tray 1: 1,000 sheets × 2 (Tandem) Tray 2: 500 sheets Tray 3 –8: 2,200 sheets Optional Bypass Tray: 500 sheets Optional Banner Sheet Tray: 800 sheets Optional Extension Banner Sheet Tray: 500 sheets
Power Source	220 – 240 V, 16 A × 2, 50/60 Hz
Max. Power Consumption	Less than 5,000 W
Typical Electricity Consumption (TEC)*	14,400,000 A4 pages or 5 years

*Typical Electricity Consumption by ENERGY STAR® program

ENERGY STAR	Certified
EPEAT	Silver
Dimensions (W x D x H)	52" × 36" × 74" (including status pole)
Weight	Less than 1,235 lbs.

Printer Controllers

Fiery® Controller N-70A/N-50A

Fiery System Version	Fiery FS500 Pro
Configuration	External
Memory	8GB RAM (4GB × 2)
CPU	i5-8500 Processor
HDD	SSD Boot Drive for OS and Fiery software + 1TB HDD
Operating System	Windows 10 IoT Enterprise 2019 LTSB

Accessories

Vacuum Feed Large Capacity Tray (LCIT RT5150)
(Max. 3 units per system)

Paper Capacity	4,400 sheets (2,200 sheets x 2 Trays)
Paper Size	3.94" × 5.5" – 13" × 19.2"
Paper Weight	Trays 3 – 4: 40 – 470 gsm Trays 5 – 8: 40 – 400 gsm
Dimensions (W x D x H)	41.5" × 28.7" × 39.4"
Weight	507 lbs.

Vacuum Feed Oversize Tray Type S9

Paper Capacity	730 sheets
Paper Size	8.27" × 16.54" – 13" × 27.5"
Paper Weight	52 – 400 gsm Width of LCIT RT5120 will extend to 50.8"

Extension Vacuum Feed Banner Sheet Tray Type S14

Paper Capacity	500 sheets
Paper Size	8.27" × 16.54" – 13" × 38"
Paper Weight	52.3 – 470 gsm (16.54" – 19.2") 52.3 – 300 gsm (19.3" – 27.5") 63.1 – 300 gsm (27.6" – 38")

Multi Bypass Tray Unit (BY5020)

Paper Capacity	500 sheets
Paper Size	3.94" × 5.5" – 13" × 19.2" Maximum paper size extends up to 13" × 27.5" by adding the optional Multi Bypass Sheet Tray Type S9
Paper Weight	52 – 216 gsm

Cover Interposer Tray (CI5040)

Paper Capacity	400 sheets (200 sheets × 2 Trays)
Paper Size	5.5" × 8.5" – 13" × 19.2"
Paper Weight	52 – 350 gsm
Air Assist	Supported
Double Feed Detection	Optional
Dimensions (W × D × H)	13" × 28.7" × 50.8"
Weight	110 lbs.

4,500-Sheet Finisher with 100-Sheet Stapler (SR5110)

Paper Capacity	Lower Shift Tray: 3,500 sheets Upper Shift Tray: 1,000 sheets
Paper Weight	Lower Shift Tray: 52 – 470 gsm Upper Shift Tray: 52 – 350 gsm
Punch	Optional 2/3 hole
Dimensions (W × D × H)	39.2" × 28.7" × 55.7"
Weight	298 lbs.

3,500-Sheet Booklet Finisher with 100-Sheet Stapler (SR5120)

Paper Capacity	Lower Shift Tray: 2,500 sheets Upper Shift Tray: 1,000 sheets
Paper Weight	Lower Shift Tray: 52 – 470 gsm Upper Shift Tray: 52 – 350 gsm
Punch	Optional 2/3 hole
Saddle Stitch Staple	
Paper Size	7.2" × 10.2" – 13" × 19.2"
Paper Weight	52 – 350 gsm 52 – 80 gsm up to 30 sheets/120 pages
Dimensions (W × D × H)	39.2" × 28.7" × 55.7"
Weight	353 lbs.

Booklet Trimmer (TR5050)

Trimming Type	One Side Edge
Trimming Capacity	Up to 30 sheets/120 pages
Paper Size	7.2" × 10.2" – 13" × 19.2"
Stack Capacity	Up to 60 sets
Limitless Stack	Supported
Dimensions (W × D × H)	43.9" × 23.3" × 21.9"
Weight	166 lbs.

High Capacity Stacker (SK5040)

Paper Capacity	5,000 sheets; Proof tray: Additional 250 sheets
Paper Weight	52 – 470 gsm
Rollaway Cart	Standard and Optional additional carts available
Dimensions (W × D × H)	35.4" × 28.7" × 39.8"
Weight	Stacker: 264 lbs.; Rollaway cart: 33 lbs.

FD5030 Multi-Folding Unit

Folding Type	
Single Sheet Mode	Z-Fold, Half-Fold/Print inside, Half-Fold/Print outside, Letter Fold-in/Print inside, Letter Fold-in/Print outside, Letter Fold-out
Multiple Sheets Mode	Half-Fold/Print inside, Half-Fold/Print outside, Letter Fold-in/Print inside, Letter Fold-in/Print outside, Letter Fold-out
Paper Size Single Sheet	Z folding: 8.5" × 11" – 12" × 18"; Half folding: 8.5" × 11" – 13" × 19.2"; Letter folding: 8.5" × 11" – 12" × 18"; Double Parallel folding: 8.5" × 11" – 12" × 18"; Gate folding: 8.5" × 11" – 12" × 18"
Multiple Sheets Mode	Half folding: 8.5" × 11" – 13" × 19.2"; Letter Fold-in: 8.5" × 11" – 12" × 18"; Letter Fold-out: 8.5" × 11" – 8.5" × 14"
Paper Weight	
Single Sheet Mode	64 – 105 gsm
Multiple Sheets Mode	64 – 80 gsm
Dimensions (W × D × H)	18.5" × 28.7" × 39.4"
Weight	203 lbs.

Plockmatic High Capacity Interposer (HCI3500)

Paper Capacity	3,500 sheets (1,750 sheets × 2 Trays)
Paper Weight	65 – 350 gsm
Paper Size	4.72" × 8.27" – 13" × 26"
Dimensions (W × D × H)	47.2" × 28.7" × 43"
Weight	551 lbs.

Plockmatic MPS - Oversize Sheet Stacker

Paper Capacity	2,000 sheets
Paper Weight	150 – 470 gsm
Paper Size	8.5" × 11" (LEF) – 13" × 49.6"
Dimensions (W × D × H)	35.4" × 26.8" × 41.8" (width extends to max. 55")
Weight	172 lbs.

Plockmatic Booklet Maker (PBM350e)

Paper Size	8.5" × 11" – 12" × 18"
Paper Weight	64 – 300 gsm
Set Size	2 – 35 sheets – 80 gsm
Dimensions (W × D × H)	55.9" × 35.4" × 27.6"
Weight	297 lbs.
Optional	Trim Module, Book Fold Module, Cover Feeder, Rotate, Crease Trimmer

Plockmatic Booklet Maker PBM5035/5035S

Paper Size	Staple: 8.11" × 8.27" – 12.6" × 24.4" Stitch: 4.27" × 8.27" – 12.6" × 24.4"
Paper Weight	18 lb. Bond to 130 lb. Cover (dependent on paper type and quality)
Book Thickness	Min. Set: 1 sheet of 20 lb. Bond Max. Finished Book: 0.393" (approx. 200 pages 20 lb. Bond) Max. Set: 0.137" or 0.196" (approx. 35 sheets and 50 sheets of 20 lb. Bond)

GBC StreamPunch Plus

Punched Paper Sizes	5.5" × 8.5" , 8.5" × 11", 8.5" × 14", 11" × 17", 12" × 18"
Punched Media Weight Range	75 – 300 gsm
Tab Punching	Supported
"Two-Up" Punching	Supported
Dimensions (W × D × H)	17.5" × 28.7" × 39.4"
Weight	220 lbs.

GBC StreamWire (GBC StreamPunch Plus is required)

Paper Sizes	8.5" × 11" (LEF)
Paper Weight	75 – 300 gsm
Number of Loops	8.5" × 11" (LEF) – 32 loops
StreamWire Supply	Black, White or Silver Up to 30, 50, 60, 70 or 80 Sheets
Tab Stock	Supported
Dimensions (W × D × H)	34" × 38" × 34"
Weight	500 lbs.

Additional Accessories

Multi Bypass Banner Sheet Tray Type S9, Buffer Pass Unit Type S9, Bridge Unit BU5020, Extension Output Banner Sheet Tray Type S14, SR5000 Series Output Tray for Banner Sheet Type S6, Perfect Binder GB5010, Plockmatic LCT3500 XL, Plockmatic CT XL, Plockmatic SBT, RPIP Interface Box Type S3

Consumables

Black Toner	67.0K prints/bottle*
Cyan Toner	67.0K prints/bottle*
Magenta Toner	67.0K prints/bottle*
Yellow Toner	67.0K prints/bottle*
Clear Toner	29.2K prints/bottle**
White Toner	19.0K prints/bottle**
Neon Yellow Toner	27.8K prints/bottle**
Neon Pink Toner	27.8K prints/bottle**
Invisible Red Toner	20.6K prints/bottle**
Silver Toner	19.0K prints/bottle**
Gold Toner	19.0K prints/bottle**
Waste Toner Bottle Yield	175K prints/bottle*

*Based on 8.75% coverage (LT)

**Based on 15% coverage (LT)

TCRU Program	Supported

Workflow Solutions Supported

RICOH ProcessDirector®, RICOH TotalFlow™ Producer, RICOH TotalFlow Prep, RICOH TotalFlow Production Manager, RICOH TotalFlow BatchBuilder™, EFI DirectSmile, ePS MarketDirect StoreFront, CGS/ORIS Lynx & Evaluate Fiery® Central, Fiery Color Profiler Suite, Objectif Lune

Specifications are subject to change without notice.
Contact Ricoh for a list of certified media.

RICOH
imagine. change.

www.ricoh-usa.com/rgc

ENERGY STAR

EPEAT SILVER

EPEAT Silver rating is applicable only in the USA.