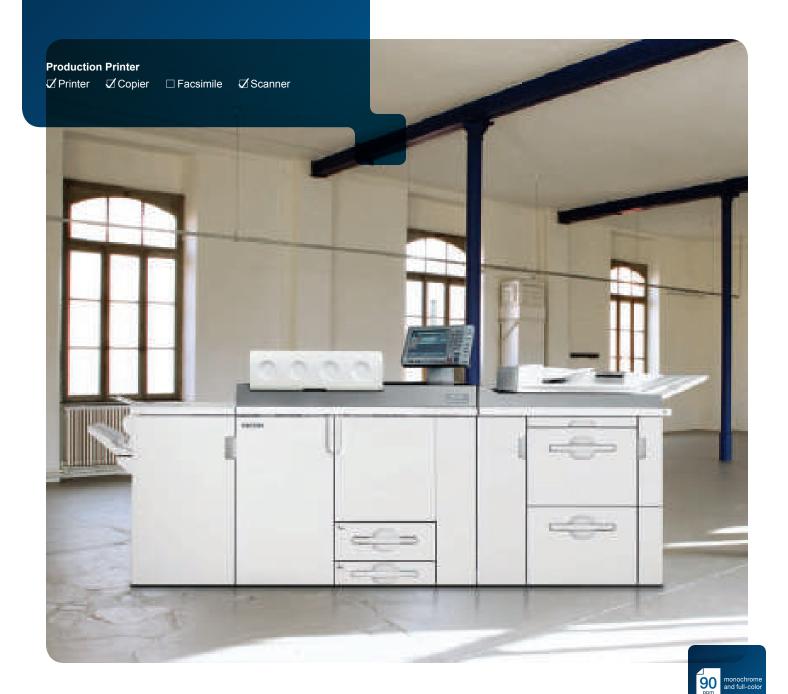


Ricoh Pro C901/C901s Graphic Arts +





Maximum productivity for high-volume environments

Quality, flexibility and productivity

Print at 90 ppm regardless of media type, weight or when duplexing — and always at 1200 x 1200 dpi (productivity may be affected with paper weights between 300–350 g/m²). Ricoh's PxP™ chemical toners and oil-free fusing technology deliver near-offset results with smaller, more uniform toner particles for sharper images and better fills with a matte finish. Quickly replace high-capacity toner bottles and reload paper trays while running for uninterrupted performance. Achieve consistent image quality with advanced image stabilization, single direction development, mechanical paper registration, enhanced fusing technologies, automatic calibration adjustments, and more.



Wide variety of media handling features

Execute full-bleed printing with support for media up to 13" x 19". Expand capacity with up to 7 media pick points and a maximum of 11,000 sheets. Create durable directmail, cards, menus, and booklet covers with support for heavy and textured media — even duplex onto stocks up to 350 g/m². The new Paper Library feature lets you apply settings by selecting a preset or custom media type to optimize quality and minimize mistakes (integrates with Fiery Paper Catalog on a connected EFI controller). Ensure precise paper feeding with Air-Assist Feeding technology while built-in De-Curling, Paper Registration, and Skew Control provide accurate registration. Configure your system with professional in-line finishing options to fully automate binding, punching, and stacking for up to 13,000 pages.



Production-class construction and performance

Handle the toughest workloads and diverse workflows with maximum reliability and dependability. The welded steel frame provides exceptional strength to handle up to 350,000 impressions per month. Reduce costs and maintenance requirements with long-lasting supplies and consumables. Each toner bottle is replaced individually in seconds and yields up to 67,000 pages at a realistic 8.75% coverage factor. Operate at peak efficiency with Trained Customer Replaceable Units (TCRUs) that maximize system uptime by enabling trained customers to replace key imaging components without waiting for service. Process volumes of hardcopy originals with a full suite of image-capture, digital copying, print-on-demand, and electronic document distribution functions. Command attention with an elevated Operator Call Light that's visible from any point of view.



Robust performance in a modular design

- Professional Inline Finishing Capabilities: Choose from a variety of finishing options to design a complete endto-end document production solution that matches your applications. In-line finishing maximizes system speed and reduces labor costs, allowing your staff to be more productive and your business more profitable. The SR5000 Finisher (shown) brings production-level finishing to highvolume environments with 100-sheet multi-position stapling, optional hole punching, plus a 3,000-sheet Shift Tray for long periods of unattended operation. For more advanced finishing needs, the RICOH Pro C901/C901s offers these professional binding options:
 - RB5000 Ring Binder: Automatically punches, collates and applies your choice of two ring sizes to 50-100 sheet documents.
 - SR5020 Booklet Finisher: Offers multi-position stapling of up to 100 sheets, stacking of up to 2,500 sheets, saddle-stitch finishing and folding - plus an optional Trimmer Unit for a flush finished edge.
 - GBC StreamPunch Pro: Provides a variety of interchangeable die sets to punch pages individually, then bind off-line.
 - GB5000 Perfect Binder: Hot glues books up to 400 pages with cover, and three sided trim.
 - Full Automatic In-line Booklet Maker: Ricoh's partnership with Plockmatic International AB provides in-line finishing,

- High-Capacity Stacker: Enable longer unattended jobs with a 5,000-sheet stacking capacity. Add a second optional High Capacity Stacker unit in a tandem configuration to provide an enormous 10,000-sheet stacking capacity. Each stacker includes one roll-away cart to easily move large volumes of output up to 350 g/m² for off-line binding or packing and shipping. For added security, the stacker door can be locked when printing valuable documents such as financial instruments, voting ballots, diplomas, and coupons.
- Simplified Toner Replenishment: Easily replace high-yield toner bottles in one step. Featuring a sub-hopper design, users can replace supplies while the system is running for non-stop productivity.
- Main Unit: Maximize productivity at 90-ppm/ cpm. Solidly built for lasting value, this heavyduty engine provides 1200 dpi image quality and supports media up to 350 g/m². Ricoh's integrated @Remote diagnostic solution automates meter reading and enables proactive service and support for maximum uptime.



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- 5 Elevated Operator Call Light: Visually alert operators to changes in system status for prompt attention.
- 6 User-Friendly Job Programming: The intuitive control panel features a full-color 10.4" touch-screen LCD and clearly organized function keys for simplified operation. Easily manage system functions and job queues, and with the Pro C901s, control copy/scan settings and preview document storage/print-on-demand tasks right at the device.
- 7 High-Speed Full-Color Scanning with 100-Sheet ADF: Quickly capture hardcopy originals for copying, editing, storage, or electronic document distribution. The Automatic Document Feeder scans stacks of images as fast as 75 originals-per-minute in full-color, grayscale, or black & white to put users in total control of file size and image quality for every application. (Standard on the RICOH Pro C901s only.)
- 8 4,000-Sheet Large Capacity Tray with Air-Assist Feeding: Dual 2,000-Sheet drawers accept media up to 13" x 19" for the production of full-bleed pages with space for crop marks and color bars. Built in Air-Assist technology provides reliable feeding of very thin as well as coated stocks up to 350 g/m² in weight. (Standard on the RICOH Pro C901s, optional on the RICOH Pro C901).
- 9 500-Sheet Multi-Bypass Tray: Conveniently feed stocks for inserts, colored pages, special media, or short-run jobs without changing an in-line paper source. The Multi-Bypass Tray rests on an optional 13" x 19" Large Capacity Tray.
- Secondary Large Capacity Tray (Optional): High-volume environments can add a second 4,000-Sheet Large Capacity Tray to raise media capacity to a maximum of 11,000 sheets for a virtually limitless supply. This option is required for configuration with the 500-Sheet Multi-Bypass Tray. Customers with 8.5" x 11" print-only workflows and mixed-media requirements can substitute the Letter Large Capacity Tray with three trays totaling 4.550 sheets.



Proven workflow solutions for every application

The brain behind the brawn

Ricoh's premier Next Generation Architecture Controller is the brain behind the Pro C901/C901s. This powerful integrated controller is dedicated to maintaining optimal image quality and peripheral performance, managing media supplies, and enabling communication with administrators to securely configure network and device settings. In the RICOH Pro C901s, the Next Generation Architecture Controller also manages the system's robust scanning, copying, and document storage and distribution feature sets.

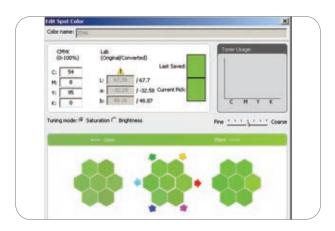
Total control over processing and printing

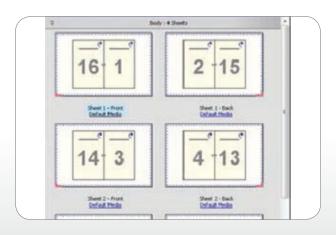
Choose from two powerful EFI Print Controllers to suit your workflow, featuring the latest Fiery System FS-100Pro software. Streamline workflows with the latest job management tools such as EFI Command Workstation 5.4, HotFolders, Virtual Printers, plus Fiery JDF support for job ticketing standards, and more. Achieve precise color matching with other output devices or proofing applications with ColorWise Pro Tools and the Fiery Graphic Arts Package. Manage complex assembly jobs with utilities such as Fiery Impose and Compose to simplify the production of paginated documents, define gang-up styles and delivery options, and more. Access a complete suite of embedded Fiery scanning and document distribution capabilities for paperless workflows.

Optimize performance for color-critical applications

Production environments with more sophisticated applications can step up to the EFI Fiery E-82 Print Controller to manage every job with graphic arts quality and exceptional speed. Leverage the Quad-Core architecture to speed the processing of large jobs or simultaneously RIP one file while processing another. Achieve precise color management with the standard Graphic Arts Package Premium Edition and other professional-grade tools for color calibration, matching, and proofing. Specify up to 250 Spot Colors per page, identify ICC profiles, and choose from a number of improved color simulation methods for exact color reproduction. Generate error-free PDFs from any file with Adobe® PDF Print Engine (APPE 2.5). Eliminate missing graphic elements caused when files include tables, multiple layers, or text builds.









EFI Fiery E-42 Print Controller Specifications (Optional)

Configuration External Print Controller Fiery System FS-100Pro System Version CPU Intel i5-2400 3.1GHz 90-ppm B&W & F/C Print Speed Print Resolution 1200 x 1200 dpi Memory 2GB x 2 DDR2 Hard Disk Drive 1 TB

DVD RW Drive Supported

Operating System Windows 7 Professional for Embedded Systems x32/x64

Network Protocols TCP/IP (IPv4, Ipv6), SMB Standard Interface 1000/100/10Base-Tx2 Ethernet Printer Languages/Drivers PostScript 3, PCL 5c, PCL 6 PCL: 80 fonts, PostScript 3: 136 +

2 MM fonts

Print Submission & EFI Driver, EFI Command WorkStation

Management Utilities 5.4, EFI Fiery WebTools, EFI HotFolders/

MS Office Filter for HotFolders, EFI Virtual Printers, Macintosh Print Center Plugins, Rush Printing, Print/Process Next, Advanced Job Re-Order, Suspend on Mismatch, Quick Doc Merge, Schedule Print, Fiery Printer Delete Utility for Windows, Fiery JDF

Color Management & Proofing Utilities

Imposition & Document Assembly Utilities VDP Support

Fiery Graphic Arts Package, Fiery Color Wise 4.0

Mixed Media, Paper Catalog, Tab Shift, Insert Tab, Booklet Maker 4.0, Impose EFI Fiery FreeForm, Fiery VD Resource

Manager

Scanning

Fiery Scan (Scan-to-Email/FTP/SMB/ Hold Queue/I-fax/Mailbox), Fiery

Remote Scan

Optional Utilities Compose, Fiery Graphic Arts Package Premium Edition, HDD Kit, FACI/

Furniture Kit, Color Profile Suite Web Image Monitor, @Remote

Software Utilities

EFI Fiery E-82 Print Controller Specifications (Optional)

Configuration External Print Controller System Version Fiery System FS-100Pro

CPU Intel Xeon (Quad-Core) Xeon E5-2643

3.3GHz x 2 Print Speed 90-ppm B&W & F/C

Print Resolution 1200 x 1200 dpi 2 GB x 4 Memory

Hard Disk Drive 1TB x 2 SATA / RAID 0 (For data)

500GB x 1 SATA (For OS) DVD RW Drive

Windows 7 Professional for Embedded Operating System

Systems x32/x64

TCP/IP (IPv4, IPv6), AppleTalk, SMB Network Protocols 1000/100/10Base-Tx2 Ethernet Standard Interface

Printer Languages/Drivers Adobe PostScript 3 136 + 2 MM fonts Fonts

Print Submission & EFI Driver, EFI Command WorkStation

5.4, EFI Fiery WebTools, EFI HotFolders/ Management Utilities MS Office Filter for HotFolders, EFI Virtual Printers, Macintosh Print Center Plug-ins, Rush Printing, Print/Process Next, Advanced Job Re-Order, Suspend

on Mismatch, Quick Doc Merge, Schedule Print, Fiery JDF

Imposition & Document Assembly Utilities

Mixed Media, Paper Catalog, Tab Shift, Insert Tab, Booklet Maker 4.0, Impose,

VDP Support EFI Fiery FreeForm Fiery VD Resource Manager

Color Management & Fiery Graphic Arts Package Premium Proofing Utilities Edition, Fiery Color Wise 4.0 Fiery Scan (Scan-to-Fmail/FTP/SMB/ Scanning

Hold Queue/I-fax/Mailbox), Fiery

Remote Scan

FACI/Furniture Kit, HDD Kit, Color Optional Utilities

Profiler Suite

Next Generation Architecture Controller Specifications (Standard)

Controller Type Next Generation Architecture Controller CPU

Intel Pentium M 1.4 GHz Memory Pro C901: 1.5 GB RAM Standard

Pro C901s: 2.5 GB RAM Standard Hard Disk Drive 640 GB Hard Disk Drive standard 0/100Base-TX Fthernet x 2, USB 2.0. Standard Interfaces

SD Card Slot x 2, Counter Interface Slot Protocol Support Network: TCP/IP; Scan-to-Email: SMTP, POPS; Scan-To-Folder: SMB, FTP, NCP

Software Utilities Web Image Monitor, @Remote

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General Specifications

Pro C901s Configuration

Pro C901 Configuration Print Engine with Next Generation Architecture Controller, 2 x 1000-Sheet

Tandem Tray, 1 x 500-Sheet Tray, and 10.4"
LCD Touch Screen Operation Panel
Print Engine with Next Generation

Architecture Controller, 100-Sheet Automatic Document Feeder, 2 x 1000-Sheet Tandem Tray, 1 x 500-Sheet Tray, 2 x 2000-Sheet Large Capacity Tray, and 10.4" LCD Touch

Screen Operation Panel Imaging Technology Dry electrostatic transfer system with internal transfer belt; 4-drum method

Print Resolution 1200 x 1200 dpi 90-ppm Full-color & Monochrome* Output Speed (LTR)

*Productivity may be affected with paper weights between 300 - 350 g/m².

420 seconds or less Warm-up Time Max. Media Capacity Max. Output Capacity Max. Printable Area 11,000 sheets (fully configured) 13,500 sheets (fully configured) 12.6" x 18.9"

Automatic Duplexing Standard Standard Media Sizes

Tray 1: Fixed for 8.5" x 11"; 11" x 17" with optional Tandem Tray
Tray 2: 5.5" x 7.1" to 12" x 18"
Trays 3 & 4: 5.5" x 7.1" to 13" x 19"

(Standard for Pro C901s only)
Trays 1 & 2: 16 – 58 lb. Bond / 120 lb. Index Standard Media Weights

(220 g/m²)

Trays 3 & 4: 16 – 79 lb. Bond / 130 lb. Cover (350 g/m²) (Standard for Pro C901s only)

Duplexing: 16 – 79 lb. Bond / 130 lb. Cover

(350 a/m²) Dimensions (WxDxH)

Pro C901 Main Unit: 50.4" x 39" x 64.5" (1280 x 990 x 1640 mm) Pro C901s Main Unit: 100.3" x 39" x 64.5"

C2555 x 990 x 1640 mm)

Pro C901 Main Unit: 1389 lb. / 630 Kg

Pro C901s Main Unit: 1896 lb. / 860 Kg Weight

Power Requirements 208 - 240V, 24A, 50/60Hz Operating: 5,500W; Standby: 3,200W

Input & Finishing Accessories

Automatic Document Feeder (ADF) (Standard on C901s only)

er (Abr) (Standard on Cests only)
100 sheets or stack less than 12mm
5.5" x 8.5" to 11" x 17"
75-opm B&W &Ft (@ 200 dpi)
Simplex: 11 - 34 lb. Bond (40 - 128 g/m')
Duplex: 14 - 28 lb. Bond (52 - 105 g/m') Original Capacity Original Size Original Feeding Speed Original Weight Face up, top page scanned first ADF, SADF, Batch, Mixed Size Original Feeding Scanning Modes RT5030 Letter Size Large Capacity Tray (Option for Pro C901 only)

Total Capacity 3 Trays / 4,550 sheets

Tray Capacity 3rd Tray: 1,000 sheets / Up to 120 lb. Index

(216 g/m²) 4th Tray: 1,000 sheets / Up to 120 lb. Index

4th riay: 1,000 sheets / 0p to 10 to

Media Size

RT5050 13" x 19" Large Capacity Tray

Total Capacity 2 Trays / 4,000 sheets 3rd Tray: 2,000 sheets / Up to 130 lb Cover Tray Capacity

(350 g/m²) 4th Tray: 2,000 sheets / Up to 130 lb Cover (350 g/m²) All Trays: 5.5" x 8.5" to 13" x 19"

BY5000 Multi Bypass Tray*

Media Size

Media Capacity 500 sheets

5.5" x 8.5" to 13" x 19" 16 lb. Bond – 80 lb. Cover (60 – 216 g/m²) Media Weight

*Requires configuration with RT5050 13" x 19" Large Capacity Tray.

SR5000 3,000 Sheet Finisher w/100-sheet Stapling

Proof Tray: Stack Capacity Media Size Up to 500 sheets (8.5" x 11") 5.5" x 8.5" – 12" x 18" 16 lb. Bond – 80 lb. Cover (60 – 216 g/m²) Media Weight Shift Tray: Stack Capacity

Up to 3,000 sheets (8.5" x 11") Media Size Media Weight Staple Capacity

Up to 3,000 sneets (8,5 x 11)
5.5* x 8.5* - 13* x 19*
16 lb. Bond - 130 lb. Cover (60 - 350 g/m²)
2 - 100 sheets/set (Letter)
2 - 50 sheets/set (11* x 17*, 8.5* x 14*)
Top, Bottom, 2 Staples, Top Slant
17 - 24 lb. Bond (64 - 90 g/m²)
Optional 2/3 Hole Punch Unit Staple Position Staple Paper Weight Hole Punching

SR5020 Booklet Finisher

Staple Capacity

Proof Trav: Stack Canacity Up to 250 sheets (8.5" x 11")

Media Size Media Weight Up to 12" x 18" 16 lb. Bond – 80 lb. Cover (60 – 216 g/m²) Shift Trav:

Stack Capacity Up to 2,500 sheets (8.5" x 11") Media Size Media Weight Up to 13" x 19" 16 lb. Bond – 165 lb. Index (60 – 300 g/m²) 2 – 100 sheets/set (Letter) 2 – 50 sheets/set (11" x 17", 8.5" x 14") Top, Bottom, 2 Staples, Top Slant Staple Capacity

Staple Position Staple Paper Weight 17 - 24 lb. Bond (64 - 90 g/m²) Saddle-Stitch Tray

15 sheets (60 pages): 20 - 24 lb. Bond (80 - 90 g/m²); 20 sheets (80 pages): 18 - 20 lb. Bond (64 - 80 g/m²)

2 staples at center sp 8.5" x 11" – 13" x 19" Up to 30 sets Staple Position Media Size Stack Capacity Optional 2/3 Hole Punch Unit

Hole Punching Booklet Trimming

Optional Booklet Trimmer Unit: Trims open end of 2 – 20-sheet booklets after folding

CI5010 Cover Interpose Cover Sheet Capacity 200 sheets x 2 trays

Cover Size Cover Weight 5.5" x 8.5" – 13" x 19" 17 lb. Bond – 80 lb. Cover (64 – 216 g/m²)

ZF4000 Z-Folding Unit Media Size

8.5" x 11" – 12" x 18" 17 – 20 lb. Bond (64 – 80 g/m²) Media Weight

SK5010 High Capacity Stacker*

Stack Capacity Proof Tray: 250 sheets Shift Tray: 5,000 sheets (output jogger

standard)

Media Size Up to 13" x 19" 14 lb. Bond – 130 lb. Cover (52 – 350 g/m²) Media Weight

*One or two Stackers may be installed. Includes one Roll Away Cart.

RB5000 Ring Binder

Media Size Media Weight Capacity of Ring Bind 8.5" x 11" 8.5° X 11° 17 lb. Bond – 80 lb Cover (64 – 216 g/m²) 2 – 100 sheets 21 holes (8.5" X 11")

Number of Holes 50 sheets & 100 sheets Supported 11 sets; 100 sheets/set (Binding mode); 100 Ring Bind Supply Stack Capacity

sheets (Punching mode)

GB5000 Perfect Binder

Width: 7.9" – 11.69"; Length: 5.5" – 8.5" Hot Glue 3-edges, 1-edge, None Finished Book Size Binding Agent Cutting Directions Book Thickness

Up to 200 sheets; Less than .91" Body Pages: 17 – 28 lb. Bond Cover Pages: Up to 110 lb Cover (300 g/m²) Media Weight Stack Capacity 7 sets (up to 100 pages per set)

*Requires configuration with Transit Pass Unit GB5000 and Cover Interposer Tray

Type GB5000

GBC StreamPunch Pro Punch Unit

3-hole Ring Bind, 11-hole Velo Bind, 19-hole Comb Bind, 21-hole Wire Bind 2:1, 32-hole WireBind 3:1, 32-hole ProClick, 44-hole Color Die Types

Media Size

8.5" x 11" (no tabs) 11" edge of 8.5" x 11", one sheet at a time 20 lb. Bond – 80 lb. Cover (75 – 216 g/m²) Punch Edge Media Weights

BK5010e Production Level Booklet Maker Max. Booklet Capacity 30 sheets (120 pages)

Maintains rated engine speed Width: 8.1" – 12.6"; Length: 10.8" – 18" 16 lb. Bond – 110 lb Cover (60 – 300 g/m²) Finishing Speed Media Size Media Weights

Optional BK5010e Production Booklet Maker Accessories

Inserts preprinted/color sheets as covers Creates a square fold on saddle stitched booklets CF5010 Cover Feeder BF5010e Book Folder TR5010e Trimmer Unit

Trims edge of the booklet for a professional finish

tinish
Eases finisher docking/undocking
Trims the excess waste from the front
and rear for full bleed edge to edge booklets
and creases the spine to reduce cracking
of color BK5010 Rail Unit CT5010e Crease Trimmer Unit

Document Server Specifications (Available for Pro C901s only)

HDD Capacity for Storage 410 GB Max. Stored Documents 3.000 documents 2,000 pages (Copy & Scan) 5,000 pages (Print) Max. Page per Document Max. Document Capacity 12,000 total pages Page capacities may vary by image coverage of each document.

Scanner Specifications (Using Next Generation Architecture Controller) (Available for Pro C901s only)

TWAIN Scanning: 100 - 1,200 dpi (B&W and

Color)

Scan-to Modes: 100 / 150 / 200 / 300 / 400 / 600 dpi JPEG, TIFF (Multi/Single), PDF (Multi/Single),

File Format High Compression PDF (Multi/Single)
B&W Text/Line Art (Default), B&W Text, B&W
Text/Photo, B&W Photo, Grayscale, F/C
Photo, F/C Text/Photo, Auto Color Selection Scan Modes

Max. Scan Area 11 7" x 17"

75 scans per minute (B&W & F/C, LTR @ 200

Auto and Manual (7 levels) Scan Image Density

Scan-to-Email (with LDAP support), Scan-to-Folder (SMB/FTP/NCP), Scan-to-URL, Network TWAIN Scanning

Scanning Features

2,000-entry Address Book, Preview Before TX, Drop Out Color Send, Thin Paper Mode, SADF Mode, Batch Mode, Mixed Size

Originals

Copier Specifications (Available for Pro C901s only)

Scan Modes

Full-color CCD Array Sheets, Books, and 3D objects 100-Sheet ADF standard Scanner Type Original Types
Document Feeder Up to 11" x 17" 1 – 9,999 13.5 seconds or less Max Original Size Multiple Copies First Copy Out Time

Copy Resolution 1200 x 1200 dpi 90-cpm (B&W & F/C) (Memory retention) 80-cpm (B&W, LTR) (ADF 1 to 1) 60-cpm (F/C, LTR) (ADF 1 to 1) Multi-copy Speed

Magnification 25% - 400% in 1% increments 7 preset Reduction & Enlargement ratios Image Density (Automatic and Manual – 9 levels), Auto Magnification, Directional Copier Features

Magnification, Full Image Copy, Interrupt Copy, Original Type Setting, Duplex (1:1, 2:2, Book to 2-Sided, Front and Back to 2-Sided), Book/Series Combine, Margin Adjustment, Erase 3-Edge, Cover/Slip-Sheet, Chaptering, Media Designate, Image Rotation, Stamp, Image Adjustment, Color Adjustment, 500 User Codes, Copy Counter, Counterfeit

Prevention

Security Specifications (Using Next Generation Architecture Controller)

HDD DataOverwrite Security Standard User Authentication Encryption

Windows, LDAP, Basic, User Code Address Book, Password, SSL Communication, S/MIME, IPsec Network Protocol, IP Filtering

Network Management

Additional Accessories

Bridge Unit Buffer Pass Unit Tandem Tray Converter Tab Sheet Unit Counter Interface Unit

For tandem RT5050 connection Cools paper to prevent toner adhesion Feed 11" x 17" via Tray 1 Feed Tab stocks via Tray 2

Consumables

C/M/Y/K Toners Yield: 67,000 pages/bottle* Waste Toner Bottle Yield: 220,000 pages *Declared yield values based on 8.75% image coverage factor

Optional Uptime Components

TCRU Kit Trained Customer Replaceable Parts:

Maintenance components replaced by customer Remote diagnostics

@Remote Remote troubleshooting

For maximum performance and yield, we recommend using genuine Ricoh parts

and supplies



www.ricoh-usa.com









