

Color Sheet-fed Digital Press

RICOH Pro C7500PM

MICR Printer with
Optional 5th Station

RICOH
imagine. change.



RICOH Pro
C7500PM

95
ppm



Unmatched versatility for color check printing with MICR.

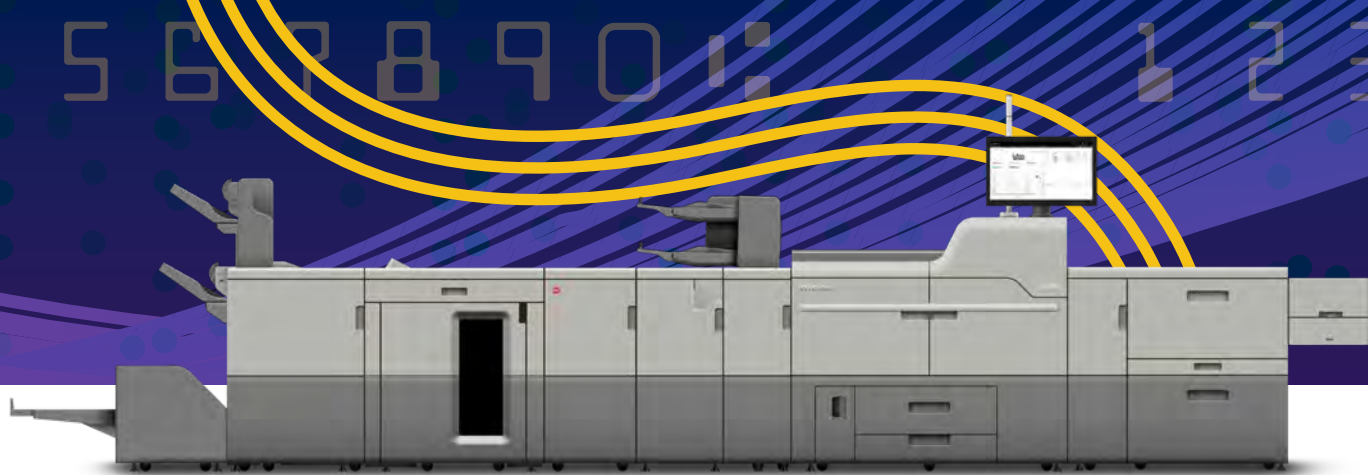
Fast and reliable, the RICOH Pro C7500PM is a modern CMYK+ system with integrated universal MICR black toner for CMYK production and optional 5th Color Station embellishment capabilities in a compact package. Transform plain paper into secured negotiable instruments whether you're a small bank, in-plant organization or large commercial printer. Take on short-run jobs that require fast turnaround with this high-quality press, or use it to offer your customers more value. Print full-color checks, statements and rebates with precise accuracy while you reduce the cost and waste associated with pre-printed shells.

- Print hundreds of thousands of full-color checks every month with 95 ppm and 16,200-sheet maximum media capacity.
- Produce superior quality images using VCSEL Technology with 2400 × 4800 dpi resolution.
- Generate ASC X9- and ABA-compliant MICR output with E13B and CMC-7 certified MICR fonts and the Rosetta Technologies MICR Performance Guarantee.
- Increase productivity by printing multi-up applications onto oversized media as large as 13" × 49.2".
- Match your workflows with a choice of powerful N-50A or N70A EFI Fiery® Controllers.
- Customize an end-to-end solution that best meets your needs with a variety of high-capacity media handling and finishing options.

RICOH and Rosetta Technologies: a decades-long partnership



The RICOH Pro C7500PM combines high-quality ProMark™ MICR toner, E-13B and CMC-7 MICR fonts and CheckStream Color Plus software with RICOH's award-winning color laser technology. The result is a secured production-class, five-color MICR check-printing solution. Rosetta guarantees that every check printed using its MICR toner meets or exceeds American National Standard Institute (ANSI) and American Bankers Association (ABA) standards.



Grow revenue with more on-demand capabilities.

- Streamline purchasing by creating any kind of check —including promotional, claim, transactional, payroll, money orders, multi-up personal and business checkbooks — using blank perforated safety paper.
- Reduce waste and overhead costs by removing the need for an inventory of expensive pre-printed check stocks for individual accounts.
- Produce only needed quantities on demand by printing variable data, colored backgrounds and endorsement data on readily available stock.

Increase volumes with high productivity.

- Consistently handle volumes up to 240,000 pages per month with a modular system that packs the power of color and MICR printing.
- Add high-capacity folding, stacking and finishing options, perfect for preparing multi-page documents and Explanation of Benefits (EOBs) with claim checks.
- Manage everyday production color printing as well as critical communications in one solution with a 21.5" LCD color touch panel for maximum ease-of-use.

Enhance fraud-protection and design.

- Embed security into negotiable documents using 5th Color Clear or Invisible Red toner for verifiable authenticity.
- Elevate the look of your checks using any of the seven optional RICOH 5th Color toners.
- Add CheckStream Color Plus software to include security features such as the VOID Pantograph, Eurion Dot Security, microprint and watermarks.

Do more with optional CheckStream™ Color Plus.

- Easily set up accounts and merge variable financial data with Rosetta Technologies' CheckStream Color Plus, intelligent software that ensures proper check form selection, sequential numbering and error-free job recovery.
- Use your preferred accounting system with pre-loaded default check forms for ten of the most popular programs, including QuickBooks and Microsoft Dynamics.
- Serve every client from one system with 300 different check forms and an array of colored backgrounds.

The success of your business depends on technology that can help you achieve your productivity and profit goals. And you require high-quality output that meets the demands of your most important clients. The RICOH Pro C7500PM with MICR and 5th Station option delivers on both — brilliantly.

RICOH Pro C7500PM with 5th Station Option

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	800K
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) 12.7" × 18.9" – 12.7" × 49.4" (when using the Oversize Tray option)
Maximum Printable Area	Tray 1: 52 – 300 gsm Tray 2: 52 – 256 gsm Trays 3 – 8: 40 – 470 gsm
Paper Weight	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 × 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 x D x 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 x D x 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
Dimensions (W x D x H)	52 – 80 gsm up to 30 sheets/120 pages 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 x D x 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 x D x 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 x D x 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 x D x 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 x D x 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 x D x 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	75 – 300 gsm
Weight Range	
Tab Punching	Supported
"Two-Up" Punching	Supported
Dimensions (W x D x 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
Tab Stock	Up to 30, 50, 60, 70 or 80 Sheets
Supported	
Dimensions (W x D x 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 LC73500 XL, Plockmatic CT XL, Plockmatic SBT, RPIP Interface Box Type S3

Consumables

MICR Toner	70.0K 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)

***Based on 4% coverage (LT)

TCRU Program	Supported
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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.

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EPEAT Silver rating is applicable only in the USA.

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Printed on a RICOH Color Digital Press.

08/2025