# InfoPrint Pro C900AFP

**Cutsheet**

## A fast, reliable, easy-to-use, full-color IPDS, PostScript, PDF and PPML cutsheet printer

### Increase versatility to address a spectrum of needs

The InfoPrint Pro C900AFP is an excellent solution for small- and medium-sized companies that need a flexible solution to support multiple datastreams that can accommodate a range of applications. You may be printing mission-critical applications such as invoices or other transactional documents, personalized direct mail pieces or Print On-Demand applications, such as manuals, booklets and presentations. The InfoPrint Pro C900AFP can provide the versatility, quality and speed that are essential to customer satisfaction and operational efficiency.

With the InfoPrint Pro C900AFP, you can leverage existing Advanced Function Presentation™ (AFP™) capabilities to produce 1200 x 1200 DPI color invoices, statements and TransPromo quickly and easily. The InfoPrint Solutions-developed color controller, which utilizes a powerful IBM® Quad-Core Intel® Xeon® processor can deliver true Intelligent Printer Data Stream™ (IPDS) printing with page-level recovery. With no transforms involved, you can save precious time and simplify workflow.

## HIGHLIGHTS

- Supports industry-standard datastreams such as IPDS, PostScript, Adobe PDF and PPML

- Delivers full-color, mission-critical variable data applications

- Helps improves customer response by providing relevant color messaging

- Boosts operator efficiency via the flexible, easy-to-use interface

- Differentiates your documents with high-quality, consistent color and monochrome output up to 90 ipm1 on a 1200 x 1200 DPI two-bit engine

- Includes InfoPrint Job Ticket Editor, a JDF-based job ticketing tool for PostScript and PDF

- Provides robust finishing options such as stapler, postfuse cover inserter, booklet maker, ring binder and perfect binder

- Minimizes downtime with on-the-fly toner and paper changes

- Maximizes application flexibility with support for a range of media—up to 13" x 19.2"

## RICOH
### InfoPrint Solutions

## A fast, reliable, easy-to-use, full-color IPDS, PostScript, PDF and PPML cutsheet printer

# Cutsheet

Many companies, including direct mailers, utilize the Personalised Printer Markup Language (PPML) datastream to create personalized, variable content color pages to maximize the effectiveness of customer communications. No problem! The InfoPrint Pro C900AFP can also meet your needs with PPML support. Software vendors provide datastream choices to offer application flexibility, and so must your print vendor.

For more traditional Print On-Demand jobs, such as manuals, booklets or presentations, the InfoPrint Pro C900AFP supports both PostScript and PDF datastreams. By utilizing the InfoPrint Job Ticket Editor, a powerful and easy-to-use JDF-based job ticketing tool, you can create simple or complex fully finished documents. When using the Job Ticket Editor, you can instruct the printer to print covers on different media, insert pages (pre- or postfuse), inserts tabs, force printing to the front of a new page and select finishing devices. Yes, one printer can do all of the above—and help you avoid outsourcing!

### Deliver full-color, variable data output with confidence

As the demand for full-color output grows, so does the complexity of the output that is generated. While early color applications were somewhat static, today's color applications are highly variable,

both in text and graphics content. To deliver these types of applications, you need a print architecture that can accommodate dynamic elements and evolving requirements. InfoPrint Solution Company's AFP architecture is a leader in meeting the rigorous needs of high-speed, mission-critical output.

The InfoPrint Pro C900AFP printer can address requirements for high-quality, full-color variable data output in an easy-to-use solution that supports industry-standard AFP color management architecture. The AFP architecture is published by the AFP Consortium (**www.AFPcolor.org**) to deliver accurate, consistent and device-independent color rendering.

### Improve productivity and ease of use
The InfoPrint Pro C900AFP is designed for ease of use, which can save time and maintain productivity. For example, the operator interface of the InfoPrint Pro C900AFP is consistent with other InfoPrint Solutions AFP production devices, such as the InfoPrint 5000 and the InfoPrint 4100. As a result, operators can get up to speed quickly, minimize training time and leverage their existing skills to manage workflow and the printer. The easy-to-use calibration tools and color tuning adjustments can help maintain consistent color quality.

In addition to multiple datastream support and job ticketing, the following capabilities help you sustain throughput:

- Configurable input and output capabilities to match job requirements
- Ability to print on media that is up to 13" x 19.2"
- Support of coated stocks of 130 gsm up to 300 gsm[2]
- Nondisruptive, change-on-the-fly paper and toner
- Robust finishing options, such as stapler, postfuse cover inserter, booklet maker, ring binder and perfect binder

### Transition yesterday's applications into today's efficient applications

Traditionally, companies deliver invoices, statements or direct mail pieces to customers using a combination of monochrome output devices and offset to produce pieces that are commingled and mailed. Current economic pressures, however, are causing companies to reevaluate their methods. The InfoPrint Pro C900AFP is designed to produce attention-getting documents that engage your customers and help you lower cost and reduce waste.

Just make a few simple changes to your traditional monochrome applications: color logos, highlights that call attention to important data, and targeted marketing information used in promotions or coupons. These changes can differentiate your documents and drive improved customer response by providing relevant color messaging. TransPromo applications take this a step further by combining data mining, analytics and application composition to specifically target printed output to each customer.

In addition, many print/IT managers see the benefits of leveraging one color device for multiple applications—transactional and Print On-Demand. The InfoPrint Pro C900AFP can ease your transition into contemporary applications that expand the smart use of color.

### Choose a leader in complex variable data printing and print on-demand

To help you implement the tools necessary to transition your applications, InfoPrint Solutions Company offers InfoPrint-developed and third-party solutions to address needs such as composition, workflow and print management. Our Professional Services experts can provide excellent guidance as you implement solutions to help maximize your investment, and our world-class service organization and infrastructure can maintain the availability of your solution.

No matter how large or small your output needs, choose InfoPrint—a leader in complex variable data printing, full-color Advanced Function Presentation solutions and Print On-Demand. Why wait? Opportunity is knocking.

**For more information**

Contact your InfoPrint Solutions Company representative or InfoPrint Solutions Partner or visit: **infoprint.com**

## C900AFP at a glance

| Item | Specifications |
|---|---|
| **Hardware components** | |
| Printer controller | External InfoPrint Solutions printer controller supports color IPDS, PostScript, PDF and PPML using an IBM Quad-Core Intel Xeon Processor. Includes CPU, stand, touch-screen monitor and keyboard. |
| Print speed | Up to 90 ipm[1] |
| Maximum monthly usage | 400,000 duty cycle[3]<br>240,000 per month maximum average usage |
| **Paper handling** | |
| Standard input capacity | Up to 2,500 sheets using standard input trays<br>• Tray 1 – (tandem tray) 1,000 x 2 sheets<br>• Tray 2 – 500 sheets |
| Output capacity | SR5000 3000 sheets (letter/A4)<br>• Offset stacking<br>• Proof tray: 500 sheets<br>• Staple capacity: 2 to 100 sheets (letter/A4)<br>• Optional PU5000 2/3, 2/4 or 4 hole punch unit |
| **Optional input , output and accessories[4]** | |
| RT5000 A4/LTR high capacity tray<br>(Note: cannot use with RT5020) | 4,550 sheets (letter/A4), up to 216 gsm<br>• Tray 3: 1,000 sheets<br>• Tray 4: 1,000 sheets<br>• Tray 5: 2,550 sheets |
| RT5020 13 x 19.2 high capacity tray (up to two). If two RT5020s are configured, then the BU5000 bridge unit is required. | 4,000 sheets (A5/HLT SEF) to 13 x 19.2 and custom sizes, up to 300 gsm<br>• Tray 3: 2,000 sheets<br>• Tray 4: 2,000 sheets |
| BY5000 multibypass tray | 500 sheets (letter/A4), up to 216 gsm |
| C15010 cover interposer | 400 sheets (A5_SEF/HLT_SEF to 13 x 19.2), up to 216 gsm<br>• Tray 1: 200 sheets<br>• Tray 2: 200 sheets |
| SK5000 high capacity stacker and cart (up to two) | 5,000 sheet stacker with roll-away cart<br>• Proof tray: 500 sheets<br>• Additional roll-away carts available |
| BK5010e saddle-stitch booklet maker<br>Requires BK5010 rail unit | Additional options:<br>• CF5020 cover feeder unit<br>• TR5020 trimmer unit |

## C900AFP at a glance

| Item | Specifications |
|------|----------------|
| RB5000 ring punch | Punches and ring binds 2 to 100 sheets (20 lb)<br>■ 100 and 50 page ring options (black or white) |
| GB5000 perfect binder | Perfect binds books up to 200 pages (20 lb.)<br>■ Cover interposer (200 pages)<br>■ Glue bind<br>■ 3 side, 1 side or no trim |
| **Printer media** | |
| Sizes | A3 (SEF), B4 (SEF), A4 (LEF/SEF), B5 (LEF/SEF), DLT (SEF), LG (SEF), LT (LEF/SEF), HLT (SEF), foolscap (SEF), Folio (SEF), F (SEF), Executive 10.5 x 7.25 & 10.5 x 8 & 10 x 8 (all LEF), Executive other (SEF), SRA3 (SEF) and custom edge—width min 5.5 max 13—length min 7.17 max 18.03<br>Weight = 60 to 220 gsm without large capacity tray; 60 to 300 gsm with large capacity tray. With A4/LCT = 60 to 216 gsm (duplex not supported above 220 gsm) (coated stock below 130 gsm not supported). |
| Types | Paper types: Please contact your InfoPrint representative for approved or recommended types. |
| **Communication protocols** | TCP-IP |
| **Print language support** | Advanced Function Presentation – Intelligent Printer Data Stream (IPDS), PostScript, PDF, PPML |
| **Print Drivers and Utilities** | **Print drivers** – Adobe PostScript 3:<br>■ Windows Server 2003, XP, Vista, Server 2008, Seven: 32-Bit<br>■ Mac OS 10.5, 10.6<br>■ Windows® and Mac Drivers<br>■ Developed for Basic and Advanced Users<br>■ Bidirectional<br>■ Built with Install programs<br>■ Integrated Virtual Visual Job Ticket Editor<br>  – Job Property Capabilities<br>    ○ Basic Setup – name, description, copies<br>    ○ Finishing<br>    ○ Layout – including multiple up support<br>    ○ Color<br>    ○ Media<br>  – Page-level Capabilities<br>    ○ Inserts<br>    ○ Media Substitution<br>    ○ Layout Substitution<br>    ○ Subset Finishing<br>    ○ Tabs, including inserting text onto the tab<br>AIX® 5.2 and above (AIX printing subsystem)<br>Linux® open SUSE 10.3 – CUPS base printer driver<br>Full PPD<br>**Utilities**<br>■ Stand-Alone Direct Submission Utility<br>  – Submits Single or Multiple (PS or PDF) Jobs with or without Job Tickets<br>  – Calls Job Ticket Editor for New or Modified Tickets<br>■ Network Printer Manager |

**For more information**

Contact your InfoPrint Solutions Company representative or InfoPrint Solutions Partner or visit: **infoprint.com**

## C900AFP at a glance

| Item | Specifications |
|------|----------------|
| **Software support** | PSF for zSeries® V4 R1 +PTF<br>PSF for iSeries® V5 R4 +PTF<br>InfoPrint Manager AIX V4 R3 +PTF<br>InfoPrint Manager WIN V2 R3 +PTF<br>InfoPrint Productivity Tracker V2 R1 +PTF<br>InfoPrint Process Director (IPPD) V1.3.1 PU6 |
| **Physical characteristics** | Printer version base unit (H x W x D): 57 x 49 x 39 (1450 x 1250 x 990 mm)<br>Weight: 1543 lbs. (700 kg)<br>Control Unit (H x W x D including stand and monitor): 53 x 24 x 36 (1346 x 610 x 914 mm)<br>Weight 160 lbs (73 kg) |
| **Power requirements** | Base engine:<br>208 V - 240 V, 24 A, 50/60 Hz—North America<br>220/230/240 V, 25 A, 50/60 Hz—European version<br>Printer controller:<br>100 V - 120 V/200 V - 240 V, 10 A/5 A, 50/60 Hz—worldwide |
| **Warranty** | Worldwide warranty period is 90 days, break/fix only, unless country law dictates otherwise. Base warranty service level is 9x5 Next Business Day onsite repair. Warranty does not include toner or preventative maintenance (PM). Maintenance upgrades may be available. Customers will receive toner and preventive maintenance with a signed maintenance agreement. If a maintenance agreement is signed during warranty, the click and maintenance (MMMC) will begin billing from the date of installation. If an in-warranty maintenance agreement is purchased the provisions for warranty are included. Please contact your InfoPrint Solutions Company representative. |
| **Usage click** | Toner is included. There are two separate click rates: one for any impression using black toner only and one for any impression using color toner. Under the standard program customers will be billed for both click rates each month. The usage click is per impression. Any paper size up to A3 (297 mm x 420 mm, 11.69" x 16.54") is counted as one usage click. Any size equal to or greater than A3 is counted as two usage clicks. For more information on this or alternative usage programs please contact your InfoPrint Solutions Company representative. InfoPrint reserves the right to bill for excessive toner consumption. Refer to **www.infoprint.com/acceptablelimit** for more information. |

![RICOH InfoPrint Solutions]

## InfoPrint Pro C900AFP printer supplies at a glance

| Part number | Description | Yield (Pages)[5] |
|---|---|---|
| 45U2675 | Toner—Black | 72,000 x 1 |
| 45U2676 | Toner—Yellow | 72,000 x 1 |
| 45U2677 | Toner—Magenta | 72,000 x 1 |
| 45U2678 | Toner—Cyan | 72,000 x 1 |
| 45U2679 | Toner Waste Bottle | 220,000 |
| 41U2175 | Staple Cartridge Type M for SR5000 (20 boxes) | 5,000 x 20 = 100,000 staples |
| 41U2176 | Staple Refills Type M for SR5000 (6 boxes with 5 refills) | 5,000 x 30 = 150,000 staples |
| 44D6079 | Glue supply Type A for perfect binder | Approximately 1,300 books |
| 44D6080 | Ring binder supply Type A, letter – WHITE (binds up to 100 sheets) (5 boxes) | 75 per box = 375 ring binders |
| 44D6083 | Ring binder supply Type A, letter – BLACK (binds up to 100 sheets) (5 boxes) | 75 per box = 375 ring binders |
| 44D6089 | Ring binder supply Type A, letter – WHITE (binds up to 50 sheets) (5 boxes) | 75 per box = 375 ring binders |
| 44D6127 | Ring binder supply Type A, letter – BLACK (binds up to 50 sheets) (5 boxes) | 75 per box = 375 ring binders |
| 44D6173 | Ring binder supply Type A, A4 – WHITE (binds up to 100 sheets) (5 boxes) | 75 per box = 375 ring binders |
| 44D6175 | Ring binder supply Type A, A4 – BLACK (binds up to 100 sheets) (5 boxes) | 75 per box = 375 ring binders |
| 44D6176 | Ring binder supply Type A, A4 – WHITE (binds up to 50 sheets) (5 boxes) | 75 per box = 375 ring binders |
| 44D6177 | Ring binder supply Type A, A4 – BLACK (binds up to 50 sheets) (5 boxes) | 75 per box = 375 ring binders |
| 45U4773 | Staple Cartridge Type BK5010e | 5,000 x 4 = 20,000 staples |

## ENDNOTES

[1] Exact speed varies depending on document complexity, system configuration, software application, driver and printer state.

[2] See user documentation for specific media types, weights and sizes that are supported.

[3] InfoPrint Solutions Company does not recommend printing this monthly maximum on a consistent basis.

[4] Options are subject to availability.

[5] These yields are not a guarantee of minimum life and are not covered under warranty, but are provided to assist in supplies planning. Actual usage should be used to establish the life of the supply product in each end user's specific application. Many factors, such as print coverage per page, paper type and size, and environmental conditions can affect supply life. These numbers reflect an approximate average yield that has been established for each supply item indicated based on 5 percent coverage.

## RICOH
### InfoPrint Solutions

IPRD03073-USEN-05