

Xerox® Rialto® 900 Inkjet Press



Small. Simple. Scalable.





Because your business never stops changing.

Challenges shift over time, but satisfying customer needs – and meeting your business objectives – are always top priorities. For years, inkjet has promised high speeds, customization and image quality that was constantly improving, all with a very attractive cost-per-page. But these same products required a lot of space, time-consuming operator training and a huge financial investment. That has put the benefits of inkjet out of reach for most.

Economic pressures continue, and inkjet is once again the answer – *today's inkjet.*

Imagine being able to exceed expectations with an affordable investment, backed by Xerox® workflow solutions, professional services and business development. Imagine getting more productivity than ever before from every square inch of your shop floor.

It's time to rethink inkjet with the Xerox® Rialto® 900 Inkjet Press and see for yourself how getting started with production inkjet can work better.

It's time to rethink everything.

Rethink size.

When you can choose a device that takes up six times less the square footage than anything else on the market – without sacrificing performance – you know it's time to give up assumptions about how much floor space you need to add capacity and revenue to your business.

- At 15' 1" (4.6 m) long, the base configuration is the world's smallest, fully integrated narrow web inkjet solution.
- Achieve greater productivity per square foot (meter) than ever before.
- Smaller size means less power needed, so you save even more.

Rethink simplicity.

We've removed the cost and complexity barriers to adding inkjet capabilities. You can change how you satisfy customers and improve your work at the same time.

- White paper-in to stacked cut sheet streamlines delivery of high-value inkjet jobs.
- Next-generation controller with intuitive touch screen simplifies job setup and management.
- Integrated cutter and high-capacity stacker save both time and space.
- A fully integrated platform means you have one vendor for all of your service and support needs.

Rethink scalability.

You deserve a printer that's flexible enough to fit your needs today and able to grow with you as you add customers, applications and volumes. We've built a solution that protects your investment by continually adding value to your operations.

- Migrate offset, higher-end inkjet or cut sheet jobs or simply add redundancy to your current operation.
- Take on the most demanding applications with the Adobe PDF Print Engine in each of the integrated controller options: PDF and IPDS.
- Easily add an inline Dynamic Perforator and second high capacity stacker unit to expand the applications and services you offer – and keep the work flowing.

The Rialto 900 was designed to bridge the gap between high-speed production inkjet and toner-based cut sheet devices, combining inkjet speed and per-page economics with attractive image quality and a low capital investment cost. This innovation was met with rave reviews. What have we done since then? Well, we've made the press that changed the inkjet game even more capable, flexible and valuable.

More applications mean happier customers.

You can connect a Dynamic Perforator to the Rialto 900 quickly and easily. With simple setup you'll be able to run unique cross-perforations varying from page to page and application to application. Dynamic inline perforation instantly adds the ability to print coupons, vouchers, remittance forms, educational workbooks and other commonly requested applications.

Keeping jobs flowing is our top priority, too.

We know you need to be assured of smooth operation and reliable performance when you make the move to inkjet. The Rialto 900 delivers. By adding a second high capacity stacker to the Rialto 900, you boost productivity without adding complexity. When one stacker fills, output automatically shifts to the second stacker, maintaining a continuous flow of jobs.

Brilliant image quality from page 1 to page 1,000,000+.

The Rialto 900's print heads use 2-bit, 4-gray level technology to create higher value transpromo and direct marketing applications with smoother gradients, tints and sweeps. You get sharp details where they matters most – in the fine lines and text. And your customers get eye-catching, vibrant images that rival offset and cut sheet output.

“The Rialto 900 is designed to remove the primary barriers to entering the dynamic production inkjet market – cost and complexity.

– MyPRINTResource

Xerox® Rialto® 900 Inkjet Press

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1

Integrated narrow web roll

Supports up to 9.84" wide, 40" outer diameter rolls of uncoated, untreated, inkjet treated and inkjet matte coated media from 60 to 160 gsm. The Rialto 900 comes standard with a web cart for quick, single operator installation.

2

Splicing Table

Makes web splicing fast, simple and reliable in order to maintain uptime and productivity.

3

Web Cleaner

Maintains a dust free paper path by using both brush and vacuum technology on the web as it passes through the system.

4

Web Guide

Ensures alignment of the web and enables the press to maintain tight +/- .5 mm front to back registration from the first sheet to the last. This component, along with the splicing table and web cleaner, comes standard with the Rialto 900.

5

Side One Print Engine

Images four colors at speeds up to 157 feet per minute with a resolution of 600 x 600 dpi x 2-bit. Utilizing variable drop sizes and piezoelectric technology, the Rialto 900 delivers a perceived resolution of 1000 x 1000 dpi or better for vivid, crisp and stunning quality from the first print to the last.

6

Automated Head Cleaning

One of the most efficient clean, wipe and purge processes in the industry maximizes productivity and simplifies routine maintenance.

7

Clear Pixel Technology

Actively mitigates clogged nozzles throughout a production run. The choice of a flush line or stochastic spray along with other integrated print engine technology, provides automated control over image quality.

8

Infrared Dryers

Efficient, rated speed drying for each side of web. The 2 x 6.3 kW dryers are operator adjustable to meet the unique needs of an array of media.

9

Chiller Rolls

Reduces the web to near-ambient temperature at full rated speed for side two imaging.

● = Small ● = Simple ● = Scalable



Small. Simple. Scalable.

The Rialto 900 makes it easier than ever to productively deliver more high value, high volume inkjet jobs – even those that require dynamic inline perforation.

The Rialto 900 democratizes inkjet by including all the essential features that customers need to produce transactional, transpromotional and direct marketing applications in a compact, highly efficient package.



Visit us online and learn more about the Xerox Rialto 900.

10

Side Two Print Engine

Yields 342 letter-sized impressions per minute through single-pass duplex printing. The paper path's ingenious design eliminates turn bars and step plates and is the key to having the industry's smallest footprint. Integrated sensors ensure 100% integrity with automated front to back matching.

HD (High Density) Pigment Ink

The specially formulated water-based aqueous ink maximizes image quality and permanence on a wide variety of substrates and media weights.

11

Integrated Guillotine Cutter and Bleed-Edge Trimmers

Creates cut sheet sizes from 5.8" to 17" long at full rated speed. The integrated cutter supports single or channel cut options. Integrated bleed-edge trimmers remove the need for time-consuming offline finishing.

12

High Capacity Stacker

Offset stacks up to 4000 sheets and comes with two stacker carts to maximize availability.

13

Output Tray

Provides fast and convenient access to test print patterns and simplifies jam clearance.

14

Print Controller

Enables "green button" simplicity through a next generation user interface that is fully integrated into the Rialto press. Choose one or both options: the Xerox® Impika® PDF Controller powered by the latest Adobe PDF Print Engine (APPE) and the Xerox® Impika® IPDS Controller with full IS/3 compliance and APPE support.

This touch screen print server make job submission and press management easy, intuitive and efficient.

15

Press Dimensions

The world's smallest, fully integrated, roll to cut sheet inkjet press measures 21'2" long by 5'1" deep and 5'3" high with the Dynamic Perforator and second stacker. This puts the Rialto 900 about 2 feet smaller than the Xerox® Color 1000i Press, making it an ideal fit on nearly any production floor.

16


Dynamic Perforator

Enables a new set of applications ranging from coupons and remittance statements to vouchers and more. Cross and linear perforations run at the full rated speed of the press.

17

Dual High Capacity Stacker Configuration

The second high capacity stacker turns the Rialto 900 into a near virtual perpetual motion machine. Continuously and automatically run applications between the two stackers to maximize productivity and minimize paper waste.



The Rialto 900 delivers more than just cut sheet inkjet output. It provides an opportunity for businesses that have been waiting on the sidelines to fully participate and, in so doing, to expand the very definition of inkjet's value.

Get more from it. Offer more with it.

Sometimes an innovation comes along that does as much for you as it does for your customers. With the Rialto 900, you can balance jobs more easily *and* take on new ones with more confidence. This is an ideal way to add affordable, practical redundancy to your operations while offering more value to your customers.

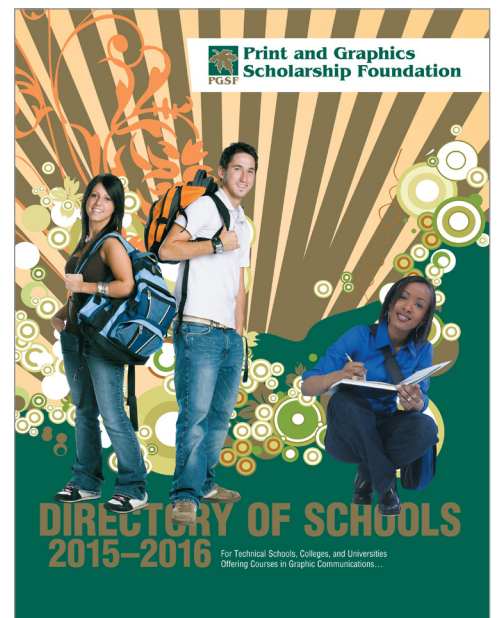
Choose the right tool for the job.

If you thought you couldn't take advantage of inkjet because of your run lengths, space requirements or image quality needs, the Rialto 900 is your answer. In a remarkably small footprint you can get the speed and cost efficiency of inkjet on jobs you traditionally sent to legacy cut sheet and high-end continuous feed devices. You can now affordably add capacity and peace of mind as you keep more jobs in house to reduce your operating costs even more.

Deliver the right solution to your customer.

The Rialto 900 is an ideal way to offer transactional, transpromo and personalized full-color direct marketing applications as well as manuals, directories and more.

You can even run covers offline on a Xerox® Color 1000i Press with Gold Dry Ink and produce book blocks with Rialto to create high value, high volume documents of unbeatable quality and economy.



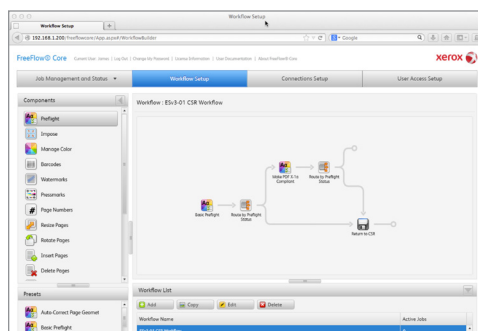
“The Rialto 900 is really about the democratization of inkjet.

– IDC Flash



Improve your workflow... or keep it the same.

The choice is yours. Either way, you'll have everything you need with the broadest portfolio of solutions on the market. Take advantage of an array of workflow software from prepress automation to variable data campaigns and everything in between. The Rialto 900 is supported by a range of Xerox and partner solutions such as:



Xerox® FreeFlow® Core

This automation toolset removes manual prepress steps, reducing both your costs and turnaround times. FreeFlow Core automates your print processes and adds a drag and drop interface that simplifies remaining manual tasks. It frees up your people for higher value jobs and integrates your hardware and software to drive productivity to the next level.

Solimar Rubika® Post Composition

Post Composition engineering allows you to modify output rather than applications to lower costs of output, postage and packaging. You can also add value to documents with conditional and TransPromo messaging while saving time with automated collation and logical document segmenting.

Xerox® IntegratedPLUS Automated Color Management

Ideal for customers who need to color manage multiple presses at one or multiple locations, IntegratedPLUS Automated Color Management offers web-hosted color management that's seamlessly integrated with production printing devices – inkjet, toner and offset. This solution provides simple controls to easily monitor print devices and centrally color manage a fleet of presses.



XMPie® Udirect and PersonalEffect®

Create scalable variable data solutions from uDirect Classic to PersonalEffect Pro. uDirect Classic allows businesses of all sizes to create graphically rich, individualized documents and PersonalEffect Pro adds a turn-key solution for processing large volumes of dynamic print documents.

Xerox® Rialto® 900 Inkjet Press

Technology

Inkjet	Impika drop-on-demand piezoelectric
Drop volumes	Small, medium, large
Print resolution	600 x 600 dpi x 2-bit
Visual resolution	1000 x 1000 dpi
Printing speed	Up to 157 fpm (48 mpm), 342 8.5 x 11 ipm (322 A4 ipm), 1 up, single pass duplex
Front to back registration	+/- .5 mm
Recommended monthly print volume	1.5 million – 5 million letter/A4 impressions per month
Printing width	8.66" (220 mm)
Printing process	Single pass duplex, tight web
Print engine optimization	Clear pixel technology
Head servicing	Automated head cleaning (purging, wiping, capping)
Duplex integrity	Automated inline integrity and recovery

Ink

Ink	Water-based pigment HD (high density)
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Papers

Paper characteristics	Uncoated, untreated, inkjet treated, inkjet matte coated
Paper weight	From 60 to 160 gsm (3.2 to 7.4 pt)
Paper width	Up to 9.84" (250 mm)
Paper roll dimensions	Up to 40" (100 cm)

Dryer

Dryer characteristics	Infrared (IR), 2 x 6.3 kW
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Print Tower

Base press dimensions	15'1"L x 5'1"D x 5'3"H (4600 mm x 1550 mm x 1600 mm)
Weight	5260 lbs (2386 kg)

Software/Interface Solutions

Graphic user interface	24" tablet-style interactive touch screen
Controller options (choose one or both)	Xerox® Impika® PDF Controller <ul style="list-style-type: none">• Adobe PDF Print Engine 3.3• Adobe Acrobat® 9.0, PDF 1.7, PDF/X 1a, 3, 4, PDF V/T-2• Inkjet optimized screening Xerox® Impika® IPDS Controller <ul style="list-style-type: none">• Multi-resolution IPDS Controller• Encapsulated PDF support• Adobe PDF Print Engine 3.3• Compliant to the AFP Consortium (IS/3)• Inkjet optimized screening
Input file formats	IPDS, PDF
Connectivity	Ethernet 1 GB, USB

Operating Environment

Nominal operating conditions	70–90°F (21–32°C) at 40–60% RH
Optimal printing quality	71–81°F (22–27°C) at 50% RH
Exhaust air	1000 m3/h
Air output temperature	60-80°C
Heat output	30,000 BTU
Noise level	Below 78 dB
Power supply	North America: 60Hz 480V 3 Phases/25A; 60Hz 208-240V 1 phase/10A or 60Hz 120V 1 phase/10A Europe: 50Hz 400V 3 Phases/32A; 50Hz 230V 1 phase/10A
Electrical consumption	North America Standby/Printing: 2.8A/35.5A Europe Standby/Printing: 2.0A, 26A
Certifications	CE, RoHS, UL/CSA, FCC, Fogra

Standard Configuration

Feeding	Unwinder, Web Cleaner, Web Guide
Finishing	Integrated Cutter with High Capacity Stacker, Bleed Edge Trimmers
Stack height	4000 sheets

Options

Finishing	Inline Dynamic Perforator with 100 mm cross perforation repeat, CRM bar code reader (available Q1 2017) Optional: Upgrade to 50 mm cross perf repeat, up to four linear perfs
Dual High Capacity Stacker	Second stacker enables an additional 4000 sheets of stacked output inline (available Q2 2017)

Visit www.xerox.com for more information.