

# Rethink inkjet.

The big performance of production inkjet printing is now available in a smaller, more efficient, more flexible package. Rethink inkjet with the Xerox® Rialto™ 900 Inkjet Press, and significantly transform your business potential.

## Small. Simple. Scalable.

The Xerox® Rialto™ 900 Inkjet Press design removes the primary barriers to entering the dynamic production inkjet market – cost and complexity – providing an exciting opportunity for business growth. The press delivers excellent performance to help meet demanding SLAs while providing ultimate efficiency and flexibility at a never-before-seen size.

## Performance:

**White paper-in productivity** – Designed for roll in, cut-sheet out performance, the Rialto 900 minimises complexity while maximising output from a unique, small footprint.

**High-quality prints** – 1000 x 1000 dpi visual resolution prints provide eye-catching results for transaction, transpromo and direct mail jobs.

**Ease of use** – Next generation product and user interface design make getting started with inkjet or insourcing applications easy.

## Efficiency:

**All-in-one integration** – Nearly everything you need to achieve maximum production inkjet power is wrapped up in one easy-to-use package, simplifying the process of delivering high-value inkjet jobs.

**Lower costs** – An elegant, compact design uses less power and produces less waste.

**Maximum productivity** – Keeping the Rialto 900 running productively doesn't take time away from an operator's day, especially when compared with other inkjet products. The press' simple design and straight paper path make routine maintenance tasks easy so jobs keep printing.

## Flexibility:

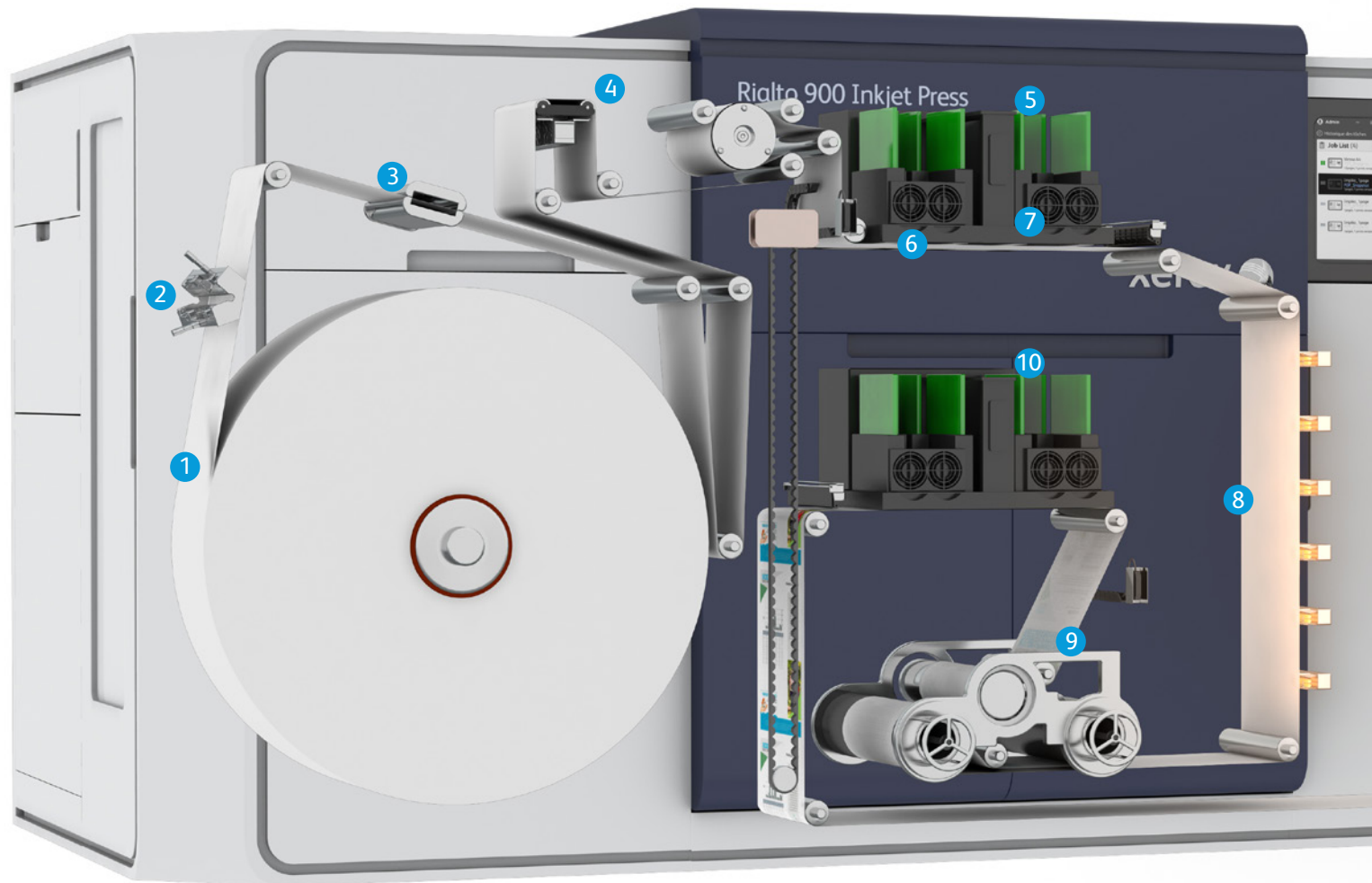
**Migrate or share** – Move jobs from offset, higher-end inkjet or cut-sheet digital presses with ease. Or take advantage of the Rialto 900 to provide cost-effective inkjet redundancy. The press's workflow and outstanding quality make it a good shop-floor citizen who likes to share.

**Work... flows** – With support for both Adobe PDF or native IPDS data streams and a modern interactive controller, the Rialto 900 makes it easy to expand your definition of "inkjet jobs".



# Xerox® Rialto™ 900 Inkjet Press

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## Integrated narrow web roll

Supports up to 250mm (9.84") wide, 1m (39.3") 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.

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## 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  $\pm .5$  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.

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## Side One Print Engine

Images four colours at speeds up to 48 metres per minute with a resolution of 600 x 600 dpi x 2-bit. Utilising variable drop sizes of 4, 7 and 11 pL 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.

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## Automated Head Cleaning

One of the most efficient clean, wipe and purge processes in the industry maximises 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 IQ.

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## Infra Red 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.



It's time to Rethink Inkjet with the groundbreaking Xerox® Rialto™ 900 Inkjet Press, the world's only roll to cut-sheet press that can print one to many on demand. The Rialto 900 truly democratizes inkjet by including all the essential features that customers need to produce high-value transactional, transpromotional and direct marketing applications in a compact, highly efficient package.

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#### Chiller Rolls

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

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#### Side Two Print Engine

Yields 322 A4-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 maximises image quality and permanence on a wide variety of substrates and media weights.

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#### Integrated Guillotine Cutter

Creates cut-sheet sizes from A5 (148 mm) up to 425 mm long at full rated speed. The integrated cutter supports single or channel cut options.

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#### High-capacity Stacker

Offset stacks up to 4,000 sheets and comes with two stacker carts to maximise availability.

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#### Output Tray

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

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#### Print Controller

Enables "green button" simplicity through a next-generation user interface that is fully integrated into the Rialto press. Choose one of two options: the Xerox® Impika® PDF Controller powered by the latest Adobe PDF Print Engine (APPE) or 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.

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#### Press Dimensions

The world's smallest, fully integrated, roll to cut-sheet inkjet press measures 4.6 metres long by 1.55 metres deep and 1.6 metres high. The Rialto 900 is shorter than the Xerox® Color 1000i Press, making it an ideal fit on nearly any production floor.

# Xerox® Rialto™ 900 Inkjet Press

Technology	
Inkjet	Impika drop-on-demand piezoelectric
Drop volumes	0, 4, 7, 11 pL (4 levels of greyscale)
Print resolution	600 x 600 dpi x 2-bit
Visual resolution	1000 x 1000 dpi
Printing speed	Up to 48 mpm (157 fpm), 322 A4 ipm (342 8.5 x 11 ipm), 1-up, single pass duplex
Front to back registration	+/- .5 mm
Recommended monthly print volume	1.5 to 5 million A4 impressions per month
Printing width	220 mm (8.66")
Printing process	Single pass duplex, tight web
Print engine optimisation	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)
Papers	
Paper characteristics	Uncoated, untreated, inkjet treated, inkjet matt coated (see the tested media list)
Paper weight	From 60 to 160 gsm (3.2 to 7.4 pt)
Paper width	Up to 250 mm (9.84")
Paper roll dimensions	Up to 100 cm (40")
Dryer	
Dryer characteristics	Infra Red (IR), 2 x 6.3 kW
Print Tower	
Dimensions	4,600 mm x 1,550 mm x 1,600 mm
Weight	2,386 kg
Software/Interface Solutions	
Graphic user interface	24" tablet-style interactive touch screen
Controller options	<b>Xerox® Impika® PDF Controller</b> <ul style="list-style-type: none"> <li>• Adobe PDF Print Engine 3.3</li> <li>• Adobe Acrobat® 9.0, PDF 1.7, PDF/X 1a, 3, 4, PDF V/T-2</li> <li>• Inkjet optimised screening</li> </ul> <b>Xerox® Impika® IPDS Controller</b> <ul style="list-style-type: none"> <li>• Multi-resolution IPDS Controller</li> <li>• Encapsulated PDF support</li> <li>• Adobe PDF Print Engine 3.3</li> <li>• Compliant to the AFP Consortium (IS/3)</li> <li>• Inkjet optimised screening</li> </ul>
Input file formats	IPDS, PDF
Connectivity	Ethernet 1 GB, USB
Operating Environment	
Nominal operating conditions	21-32°C at 40-60% RH
Optimal printing quality	22-27°C at 50% RH
Exhaust air	400 m³/h
Air output temperature	60-80°C
Heat output	30,000 BTU
Power supply	Europe: 50 Hz 400 V 3 Phases, 230 V 1 phase/42 A
Electrical Consumption	Europe Standby/Printing: 2.0 A/26 A
Certifications	CE, RoHS, UL/CSA
Standard Configuration	
Feeding	Unwinder, Web cleaner, Web Guide
Finishing	Integrated cutter, High-capacity stacker
Stack Height	4,000 sheets