

Wide Format Latex Printer

RICOH
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RICOH Pro L5160

Flatbed Roll-fed Hybrid



Pro L5160

up to
502.5
ft²/hour
full colour

Drive improved productivity and profitability

The RICOH Pro L5160 Wide Format Latex Printer is designed for demanding production environments that require the versatility of a high-speed system with superior capabilities suitable for both durable outdoor signage and high-resolution indoor graphics. Deliver exceptional image quality, vibrant colours, high opacity whites and rich blacks with a maximum resolution of 1200 × 1200 dpi. This system supports media up to 64" wide and features three staggered Ricoh industrial-grade printheads for years of predictable, precise results. Print at speeds up to 502.5 ft²/h in production mode and for jobs that require fine detail at a close viewing range, operate at speeds up to 270 ft²/h. Ricoh's AR2 Latex Inks are instantly dry and scratch resistant, ready for immediate finishing and handling. Offering easy operation, powerful Onyx® RIPCenter™ software, and automated daily maintenance, the RICOH Pro L5160 enables your business to keep pace with tight deadlines and seasonal demands.

It's all about the applications

From traditional signage to cutting-edge applications, the RICOH Pro L5160 allows you to integrate true media versatility with high image quality to help you maximize profitability. Expand your customer base with support for posters, banners, signs, decals, window graphics, vehicle graphics, POP displays, floor graphics, textiles/soft signage, wall coverings, fine art prints, packaging proofs and more.



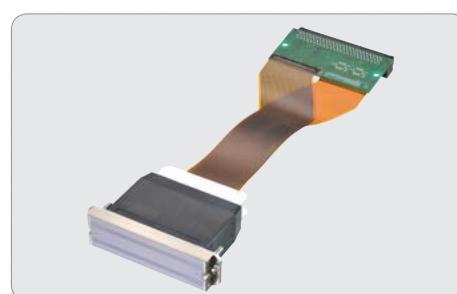
Take advantage of fast-cure latex Inks

Ricoh's second generation AR Latex Inks are cured and scratch-resistant as soon as they exit the printer, ready for immediate finishing or installation. Unlike solvent inks, there is no out-gassing required. Ricoh's GREENGUARD-certified latex inks have a very low odor and require no special ventilation, making them safer for your operators, customers and the environment. These latex inks are ideal for installation in locations where prints utilizing solvent-based inks are unsuitable, like healthcare, hospitality and education facilities.



Rely on industrial-grade printheads

The RICOH Pro L5160 utilizes Ricoh's industrial grade MH5441 printheads designed for an extended service life while ensuring day-one image quality over time. Variable-drop volume capability allows the creation of a range of drop sizes for stunning images, sharp text and smooth tonal transitions.



Deliver superior image quality with CMYK or CMYK plus white printing

Drive repeat business by delivering vibrant colours, and rich, dense blacks. Variable-drop technology ensures sharp, accurate text, natural skin tones and smooth gradations with a maximum resolution of 1200 × 1200 dpi. Configure the RICOH Pro L5160 with white ink to expand your capabilities to clear and coloured media. Flood white ink to make colours pop, use white as an eye-catching spot colour, or take advantage of white as a mid-layer for day/night applications.



Media versatility for more profitable applications

The RICOH Pro L5160 can handle a wide variety of traditional signage substrates and offers support for 2-inch and 3-inch roll cores up to 55 kgs/121 lbs. Print on pressure-sensitive vinyl, banner, canvas, paper, backlit/clear films, textiles and more. Broaden your revenue streams when you have more media choices for indoor and outdoor installation. Increase your bottom line and capture more of the market with high-margin applications for retail, events, trade shows, seasonal promotions and more.



Automate PDF workflows for ultimate control

RIP jobs fast, automate repetitive tasks and make it easier to get from PDFs to a finished product. Onyx RIPCenter software comes included with the RICOH Pro L5160 and provides a full 64-bit platform with the latest Adobe® PDF Print Engine and a proprietary colour engine featuring colour-managed previews to help ensure what comes out of the printer matches your expectations. Get up and running in minutes with an intuitive interface and tools to help you streamline job prep, reduce errors and minimize material waste.



Simple to use, easy to maintain

The RICOH Pro L5160 features a large, intuitive colour touch panel for easy operation and features a pull-out media feed system for ease of use when loading media. Maximize uptime and performance with the automated daily maintenance system, reducing operator intervention and ensuring reliable consistent results. Unattended device management is made simple with the optional Attention Light, that can be seen from virtually any view in your shop, or remotely access job processing status, remaining media and network settings with Web Image Monitor for optimal performance.



RICOH Pro L5160

SYSTEM SPECIFICATIONS



General Specifications

Printing Process	On demand Piezo inkjet system (3 RICOH MH5441 industrial grade printheads - staggered configuration)				
Ink Type	Latex Ink (2nd Generation AR Ink)				
Resolution	450dpi, 600dpi, 900dpi, 1200dpi				
Minimum Drop Size	5pl				
Ink Configuration	4 colours: CMYK 4 colours + White: CMYK, W				
Capacity of Ink Cartridge	4 colours and white: CMYK, W - 600ml - 1200 ml				
Media Type	Self-adhesive vinyls, films, papers, canvas, banners, synthetics, mesh, fabrics/textiles				
Printing Width (max)	63.6" (1,615mm)				
Printing Surface	Side facing outward				
Roll Media	Media feed width	64" (1,625mm) maximum 11.7" (297mm) minimum Thickness Outside diameter Inside diameter Media weight Media feed length			
		Up to 0.43 mm (17 mil) Maximum 9.8" (250mm) or less 2" or 3" Maximum 121 lbs. (55 kg) or less Maximum 300mm or less			
Print Margin	Roll media	Left and right end: 0.59" (15mm) (default), minimum 5mm (without media guide) Front: 0mm			
Media Skew	5.0mm or less /10 m variable				
Cutting	Y axis cutting (manual or auto)				
Auto Cutting Positioning:	60/ 80/ 100mm distance from the end of image data				
Waste Ink Tank	2L Bottle				
Printer Interface	Ethernet 100BASE-TX/1000BASE-T (Recommended)				
Power Source	AC208-240V 16A 50/60Hz x 2 lines				
Power Consumption (max)	Operate: 600W Sleep: 5.35W Off: 0.5W				
Dimension (W x D x H)	128.3" x 39.3" x 58" (3,259 x 999 x 1,472mm)				
Weight	820.1 lbs. (372 kg)				
Operation Panel	4.3" uWVGA (Colour touch panel + hard keys) Displayed languages: Japanese, English, German, French, Italian, Spanish, Dutch, (European) Portuguese, Russian, Korean				
Sound Power Level:	Stand-by 67dB or less Operating 72dB or less				
ENERGY STAR:	Certified (4 Colour Configuration only)				
Installation Environment	Usable Temperature	15°C to 30°C (59°F to 86°F)			
	Usable Humidity	35% to 80% Rh (no condensation)			
	Precision Guaranteed Temperature*	20°C to 25°C (68°F to 77°F)			
	Precision Guaranteed Humidity*:	40% to 60% Rh			

Print Speed:

Full Colour Printing (CMYK)		White Colour Printing	
4C	Resolution (ft ² /hr)	4C+W	Resolution (ft ² /hr)
6 pass	502.5	600 x 450	268
	349.7	600 x 600	203.3
12 pass	269.1	600 x 900	138.8
	165.7	600 x 1200	93.6
32 pass	96.6	1200 x 1200	44.1

Ricoh Software RIP

Onyx RIP Center	Windows 7 64 bit (Professional, Enterprise, Ultimate), Windows 8.1 64bit (Professional, Enterprise), or Windows 10 64bit (Professional, Enterprise)
Desktop PC	CPU
	RAM
	HDD
	USB Port
	Network
	Monitor
OS Specification	Supported languages
	2
	Gigabit Ethernet adapter
	1280 x 1024 or more
	Japanese, English, Italian, Greek, Spanish, Czech, German, French, Polish, Portuguese, Chinese (simplified/traditionally), Korean
Input Data	Format
	EPS, PS, PDF, Remote Proofing, Targa, TIFF, JPEG, BMP, DIB, Scitex CT, JPEG, PSD, PSD Large, GIF, PC Paintbrush, Photo CD, MrSID, ILS, PNG, JDF
Rendering	PS core
	PDF core
	Dot Rendering
	Halftone
	Adobe Normalizer
	Adobe PDF Print Engine (APPE 4.8)
	2 bit - 4 values
	16 bit
	Dither, random dither
Colour matching	ICC
	ICC profile
	CMYK special colour max 3 colours vector/raster processing, maintain true colour proceeding
	Input profile
	Defined by quickset or design files
	Gray balance
	Defined by input profile and/or print mode
	Colour adjustment
	Ink limit (all or each colour), torn curve adjustment, Black colour adjustment

Compatible RIP Software: Onyx, ColourGate, SAi, Caldera & Wasatch

Consumables*

Ink Pack	Cartridge Capacity
Black	600ml, 1,200 ml
Cyan	600ml, 1,200 ml
Magenta	600ml, 1,200 ml
Yellow	600ml, 1,200 ml
White	600ml, 1,200 ml

Additional Consumables

RICOH Flushing Cartridge Type C2
RICOH Displacement Cartridge Type C2
RICOH Cleaning Cartridge Type C2
RICOH Maintenance Kit Type C2
RICOH Waste Ink Bottle Type C2
RICOH Cleaning Stick Type C2

*For maximum performance and yield we recommend using genuine Ricoh parts and supplies

Specifications are subject to change without notice.

*About GREENGUARD Certification

UL GREENGUARD GOLD Certification to UL2818 indicates products that are certified to UL's GREENGUARD standards, having low chemical emissions and improving the quality of air in indoor environments in which the products are used. For more information, visit ul.com/gg or greenguard.org.

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www.ricoh.ca

Ricoh Canada Inc, 100-5560 Explorer Drive Mississauga, ON L4W 5M3, 1-888-742-6417

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