Wide Format Latex Printer

RICOH
Pro L5130
Pro L5160

Made to drive your business forward.

RICOH

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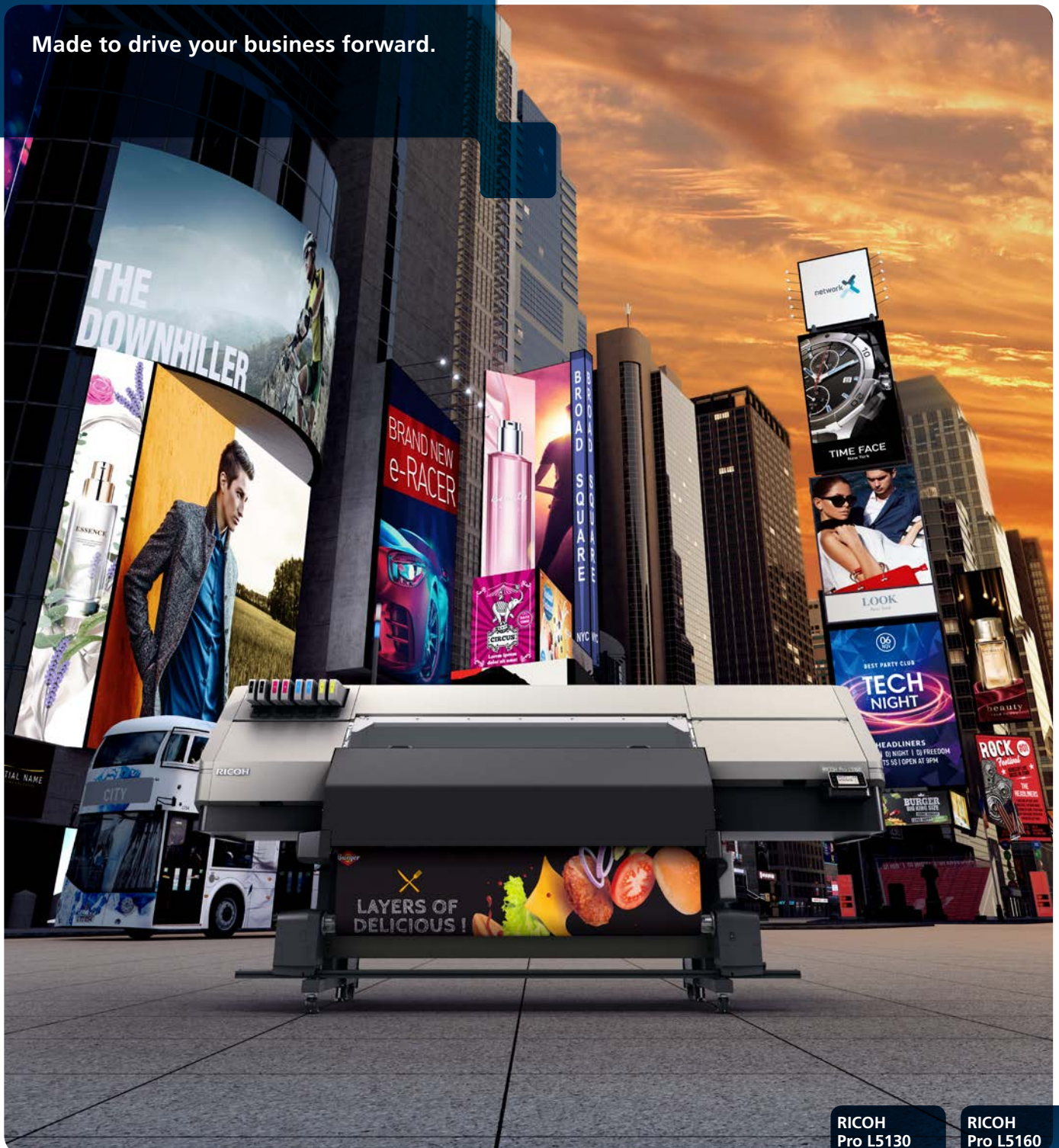
RICOH Pro L5130

41.4 m²/h   Full Colour

RICOH Pro L5160

46.7 m²/h   Full Colour

Drive improved productivity and profitability

The RICOH Pro L5100 Series 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 colors, high opacity whites and rich blacks with a maximum resolution of 1,200 × 1,200 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 46.7 m^2/h in production mode and for jobs that require fine detail at a close viewing range, operate at speeds up to 25 m^2/h. Ricoh's AR2 Latex Inks are instantly dry and scratch resistant, ready for immediate finishing and handling. Offering easy operation and automated daily maintenance, the RICOH Pro L5100 Series 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 L5100 Series 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 L5100 Series 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.
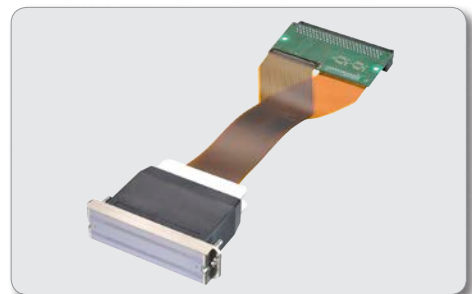
Deliver superior image quality with CMYK or CMYK plus white printing

Drive repeat business by delivering vibrant colors, and rich, dense blacks. Variable-drop technology ensures sharp, accurate text, natural skin tones and smooth gradations with a maximum resolution of 1,200 × 1,200 dpi. Configure the RICOH Pro L5100 Series with white ink to expand your capabilities to clear and colored media. Flood white ink to make colors pop, use white as an eye-catching spot color, or take advantage of white as a mid-layer for day/night applications.


Media versatility for more profitable applications

The RICOH Pro L5100 Series can handle a wide variety of traditional signage substrates and offers support for 2-inch and 3-inch roll cores up to 55 kgs. 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 L5100 Series and provides a full 64-bit platform with the latest Adobe® PDF Print Engine and a proprietary color engine featuring color-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.
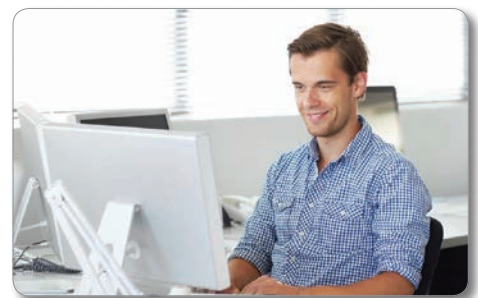
Simple to use, easy to maintain

The RICOH Pro L5100 Series features a large, intuitive color 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 L5130 / L5160

MAIN SPECIFICATIONS

GENERAL

Ink Type:	V.2 AR (Aqua Resin) Ricoh Durable Latex ink
Head Type:	Ricoh GEN5 High-speed piezo durable print heads (RICOH MH5441)

Print Speed:

Pro L5130: 4-colour mode
6 pass: Super Draft 41.4 m²/h
8 pass: Draft 28.9 m²/h
12 pass: High Speed 22.3 m²/h
16 pass: Standard 13.8 m²/h
32 pass: High Quality 7.8 m²/h

Pro L5130: 4-colour mode + white
6 pass: Super Draft 22.2 m²/h
8 pass: Draft 16.9 m²/h
12 pass: High Speed 11.6 m²/h
16 pass: Standard 7.8 m²/h
32 pass: High Quality 3.7 m²/h

Pro L5160: 4-colour mode
6 pass: Super Draft 46.7 m²/h
8 pass: Draft 32.5 m²/h
12 pass: High Speed 25.0 m²/h
16 pass: Standard 15.4 m²/h
32 pass: High Quality 8.7 m²/h

Pro L5160: 4-colour mode + white
6 pass: Super Draft 24.9 m²/h
8 pass: Draft 18.9 m²/h
12 pass: High Speed 12.9 m²/h
16 pass: Standard 8.7 m²/h
32 pass: High Quality 4.1 m²/h

Resolution:	450dpi, 600dpi, 900dpi, 1,200dpi
Dimensions (W x D x H):	Pro L5130: 3,050mm x 1,000mm x 1,500mm
	Pro L5160: 3,300mm x 1,000mm x 1,500mm
Weight:	Pro L5130: less than 360kg
	Pro L5160: less than 380kg
Power Source:	AC220-240V 16A 50/60Hz x 2lines
Power Consumption:	Less than 6,000W
	Sleep : Less than 5.35W
	Off : Less than 0.5W
Interface:	Ethernet (100BASE-TX/1000BASE-T)
Operation Panel:	4.3inch uWVGA (Color touch panel + Hard keys)
	Display Languages : Japanese, English, German, French, Italian, Spanish, Dutch, (European) Portuguese, Russian, Korean

INK SET

Ink Set Combinations:	4-colour mode (CMYK)
	5-colour mode (CMYK+W)
Droplet Size:	5pl
Ink Capacity:	4-colours: CMYK
	600ml or 1,200ml (2 cartridges for each colour)
	4-colours: CMYK
	600ml or 1,200ml (1 cartridge for each colour, 4 cartridges for White)
Ink Capacity Types:	600ml Regular Cartridge
	1,200ml High Volume Cartridge

MEDIA

Media Options:	Wide ranging media compatibility which includes thin coated paper, Synthetic Paper, PET, tarpaulin, weatherproof PVC, window film, polyester, canvas and cotton.
Curing Time:	Fast curing for secondary processing such as lamination thanks to "IR" Infrared drying-heater system on board.
Curing Method:	3Way (Pre-Print-Post) Heater + IR Heater
Maximum Printing Width:	Pro L5130: 1,361mm
	Pro L5160: 1,615mm
Maximum Media Width:	Pro L5130: 1,371mm
	Pro L5160: 1,625mm
	Minimum 297mm
Media Weight:	55kg or less
Media Feed Length:	Maximum 300m or less
Roll Outside Diameter:	Maximum 250mm or less
Roll Inside Diameter:	2 or 3 inches
Head Height Adjust:	1.8mm(default), 2.3mm, 2.8mm, 3.8mm
Margin Setting:	Default: 15mm at each sides
	Minimum: 5mm at each sides

PC SPECIFICATION - SYSTEM REQUIREMENTS

Operating systems:	Microsoft Windows 7 (Professional, Enterprise, Ultimate)
64 bit recommended	Microsoft Windows 8 (Pro, Enterprise)
	Microsoft Windows 10 (Pro, Enterprise)
	Microsoft Windows Server 2008 R2
	Microsoft Windows Server 2012
	Microsoft Windows Server 2016
	(Apple Mac OS X 10.5.2 or later with Parallels Desktop 4.0 or later for Mac)
Minimum hardware requirements:	CPU: Dual Core2GHz or later
	RAM: ≥4 GB
	Free disk space: 10 GB
	HDD more than 500GB
	Display resolution: 1,280 x 1,024
Recommended for using one printer:	CPU: Intel i5 / AMD Dual-Core 2 GHz+
	RAM: ≥8 GB
	Free disk space: 40 GB
	Display resolution: 1,280 x 1,024
Recommended for using multiple printers:	CPU: Intel i7 / AMD Ryzen 5/7 3 GHz+
	RAM: ≥16 GB
	Free disk space: 80 GB SSD
	Display resolution: 1,280 x 1,024
Installation and operation:	USB port 1, DVD drive is required, LAN adapter, TCP/IP for network access required
Interfaces:	Parallel, Ethernet, TCP/IP, USB, Serial, FireWire, TWAIN

RIP - AND PRINTING SOFTWARE

Default RIP:	Onyx Rip Center
Compatible RIPs:	ColorGate, SAI, Caldera, Wasatch

ENVIRONMENTAL INFORMATION

Enviromental:	New V.2 aqueous durable (latex) inks have very low emissions of VOCs (volatile organic compounds) and lack of odour requiring no ventilation.

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