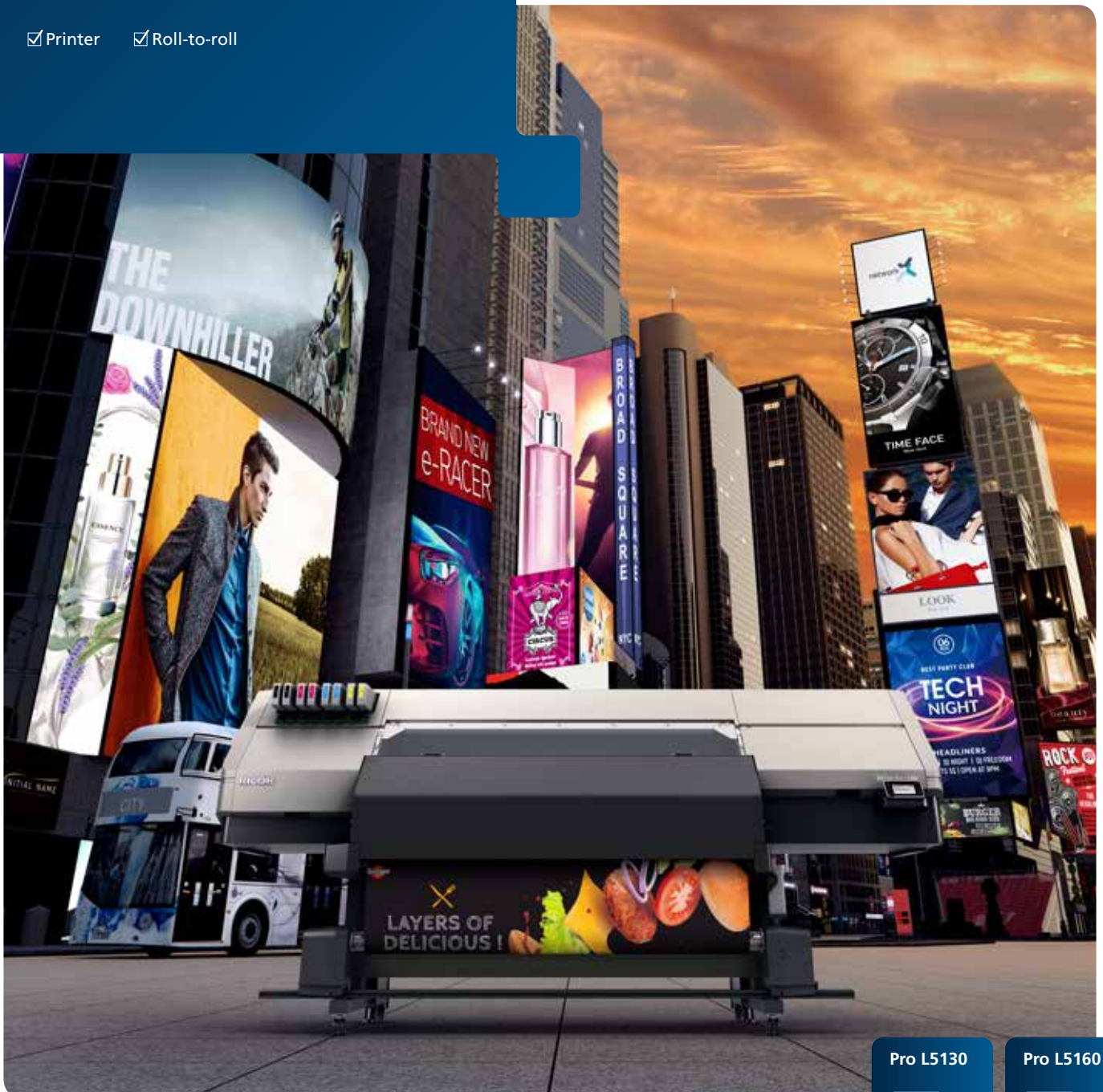


Latex Wide Format Printer

# RICOH Pro L5130 Pro L5160

✓ Printer    ✓ Roll-to-roll

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Pro L5130

41.4  
m<sup>2</sup>/h

Full  
Colour

Pro L5160

46.7  
m<sup>2</sup>/h

Full  
Colour

## Drive improved productivity and profitability

The RICOH Pro L5100 Series Wide Format Latex Printers are 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 1,200 × 1,200 dpi. The 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<sup>2</sup>/h in production mode and for jobs that require fine detail at a close viewing range, operate at speeds up to 25 m<sup>2</sup>/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 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 maximise 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.



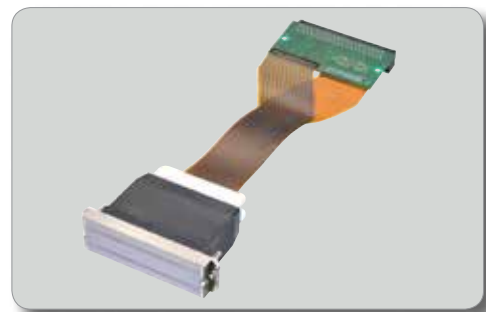
### Take advantage of fast-cure latex inks

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 odour and require no special ventilation, making them safer for your operators, customers and the environment. Ideal for installation in locations where prints utilising solvent-based inks are unsuitable, such as healthcare, hospitality and education facilities.



### Rely on industrial-grade printheads

The RICOH Pro L5100 Series utilises Ricoh's industrial grade MH5441 printheads designed for an extended service life while ensuring day-one image quality every 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 + 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 1,200 × 1,200 dpi. Configure the RICOH Pro L5100 Series 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 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 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 minimise material waste.



## Simple to use, easy to maintain

The RICOH Pro L5100 Series 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. Maximise 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

Type:	Roll-to-roll latex wide format printer
Print Head:	RICOH MH5441 GEN5 high-speed piezo industrial inkjet heads
Number of Print Heads:	3 (staggered configuration)
Print Resolution:	450 dpi, 600 dpi, 900 dpi, 1,200 dpi
Ink Type:	2nd Generation Ricoh Aqueous Resin (AR) Latex ink
Minimum Droplet Size:	5 pl
Ink Set Combination:	4-colour mode (Cyan, Magenta, Yellow, Black) 5-colour mode (Cyan, Magenta, Yellow, Black, White)
Ink Capacity:	4-colour: 1,200 ml per cartridge (2 each for CMYK) 5-colour: 1,200 ml per cartridge (1 each for CMYK, 4 for White)
Interface:	Ethernet (100BASE-TX/1000BASE-T)
Dimensions (W x D x H):	Pro L5130: 3,050 x 1,000 x 1,500 mm Pro L5160: 3,300 x 1,000 x 1,500 mm
Weight:	Pro L5130: Less than 360 kg Pro L5160: Less than 380 kg
Power Supply:	220-240V, 16A, 50/60 Hz (two lines)
Power Consumption:	Operating: Less than 6,000W Sleep: Less than 5.35W Off: Less than 0.5W
Operating Panel:	4.3 inch uWVGA (Colour touch panel and Hard keys) Display Languages : Japanese, English, German, French, Italian, Spanish, Dutch, (European) Portuguese, Russian, Korean

## 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—due to on-board “IR” Infrared drying-heater system.
Curing Method:	3-Way (Pre-Print-Post) Heater + IR Heater
Maximum Printing Width:	Pro L5130: 1,361 mm Pro L5160: 1,615 mm
Maximum Media Width:	Pro L5130: 1,371 mm Pro L5160: 1,625 mm Minimum 297 mm
Media Weight:	55kg or less
Media Feed Length:	Maximum 300 mm
Roll Outside Diameter:	Maximum 250 mm
Roll Inside Diameter:	2 or 3 inches
Head Height Adjust:	1.8 mm (default), 2.3 mm, 2.8 mm, 3.8 mm
Margin Setting:	Default: 15 mm at each side Minimum: 5 mm at each side

## Print Speed

### Pro L5130 4C mode (CMYK)

Super Draft (6-pass):	41.4 m <sup>2</sup> /h
Draft (8-pass):	28.9 m <sup>2</sup> /h
High Speed (12-pass):	22.3 m <sup>2</sup> /h
Standard (16-pass):	13.8 m <sup>2</sup> /h
High Quality (32-pass):	7.8 m <sup>2</sup> /h

### Pro L5130 5C mode (CMYK + White)

Super Draft (6-pass):	22.2 m <sup>2</sup> /h
Draft (8-pass):	16.9 m <sup>2</sup> /h
High Speed (12-pass):	11.6 m <sup>2</sup> /h
Standard (16-pass):	7.8 m <sup>2</sup> /h
High Quality (32-pass):	3.7 m <sup>2</sup> /h

### Pro L5160 4C mode (CMYK)

Super Draft (6-pass):	46.7 m <sup>2</sup> /h
Draft (8-pass):	32.5 m <sup>2</sup> /h
High Speed (12-pass):	25.0 m <sup>2</sup> /h
Standard (16-pass):	15.4 m <sup>2</sup> /h
High Quality (32-pass):	8.7 m <sup>2</sup> /h

### Pro L5160 5C mode (CMYK + White)

Super Draft (6-pass):	24.9 m <sup>2</sup> /h
Draft (8-pass):	18.9 m <sup>2</sup> /h
High Speed (12-pass):	12.9 m <sup>2</sup> /h
Standard (16-pass):	8.7 m <sup>2</sup> /h
High Quality (32-pass):	4.1 m <sup>2</sup> /h

## Print Controller System Requirements

### ONYX RIPCenter

Operating System:	Windows 10 / 8 / 7 (64-bit) Windows Server 2008 R2 or later
CPU:	Intel Core i5 / AMD dual-core, 2GHz or more
Memory:	8 GB or more
Free Disk Space:	40 GB or more
Screen Resolution:	1,280 x 1,024 minimum
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 Software

Default RIP:	ONYX RIPCenter
Compatible RIPs:	ColorGATE, SAI, Caldera, Wasatch

## Environmental Information

Environmental Data:	New V.2 Aqueous Resin (AR) durable latex inks feature very low emissions of VOCs (volatile organic compounds) and lack of odour (requires no ventilation).
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