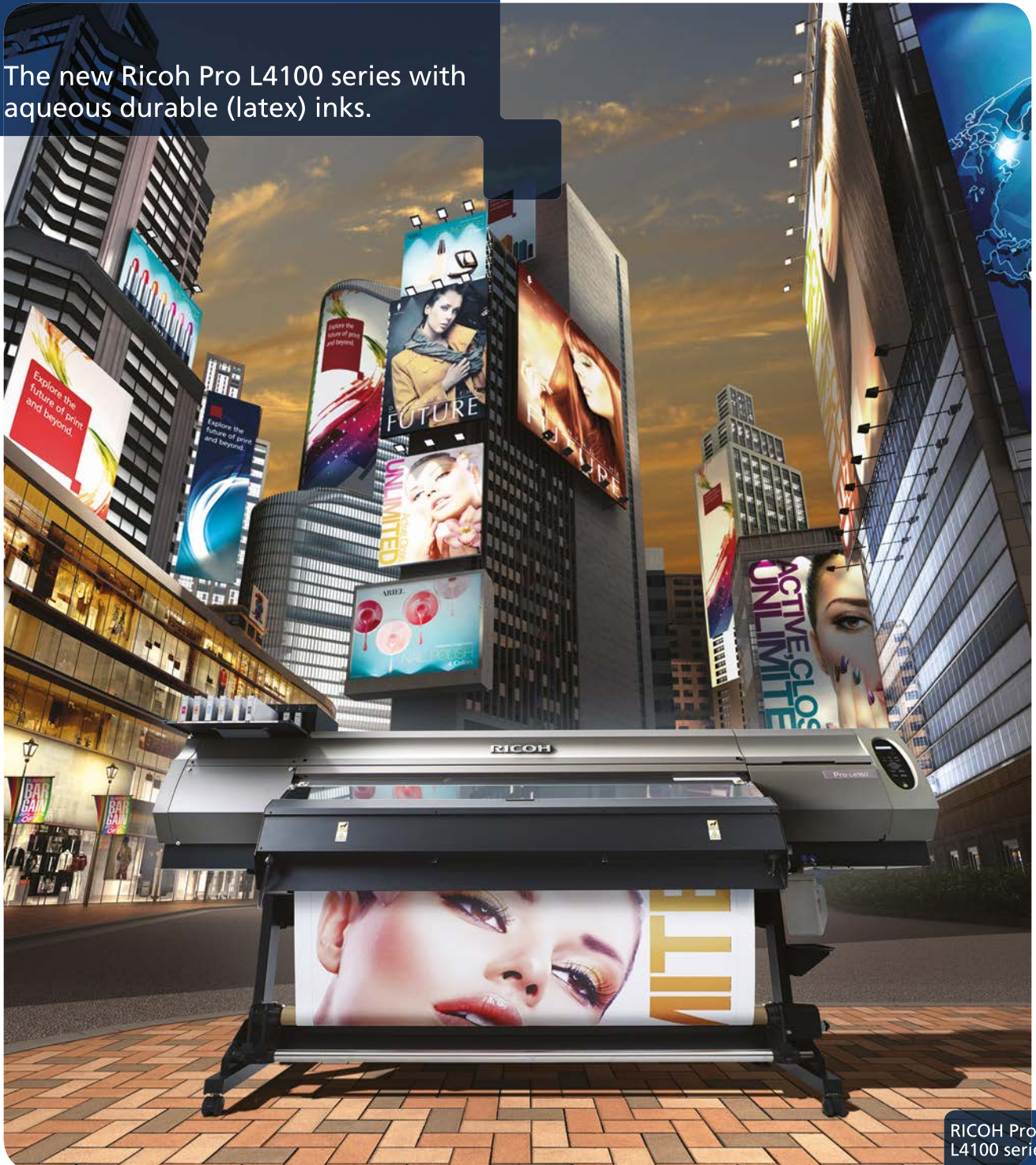




ATLANTIC
TECH SERVICES

Enlarge your business with Ricoh.

The new Ricoh Pro L4100 series with
aqueous durable (latex) inks.



RICOH Pro
L4100 series

18.2
m²/h

RICOH

Your ideal way into large-format.

The new Ricoh Pro L4100 series is the perfect solution when you want to complement your offering with display printing.

Hugely versatile, these printers will give you a wide variety of display material in high quality colour, thanks to the Ricoh GEN5 print heads. By using the latest patented multidrop jetting technology, these heads can create a droplet as small as four picoliters, resulting in smoother colour gradation with no need for light magenta or cyan. What's more, thanks to the addition of orange and green inks, you'll also benefit from brighter images as well as a greater colour gamut – up to 93% of the Pantone® range.

Durable inks for inside and out.

The L4100 series uses eco-friendly, durable latex inks, which are suitable for indoor and outdoor use. The anti-fade qualities are good and sufficiently weatherproof to last two years in most conditions. Cartridges are reusable as well, reducing waste and saving money.

Print on almost anything.

You can print on a huge variety of media such as films, textiles, vinyls and papers as well as creating POS/POP displays. You can even use the L4100 series as a label printer for short runs. A maximum output of 33m²/hr means the best productivity in its class. And there's no waiting for secondary processes either, because drying is almost instantaneous, thanks to its built-in heat unit.

Cleaner and safer.

Finally, low VOCs mean no special ventilation is needed, making installation and operation of the Ricoh Pro L4100 series easier and safer.



Go large-format with the new Ricoh Pro L4100 series.

ACTIVE, CLOSE
UNLIMITED

SUMMER
BARGAIN
20% ~ 50%
OFF

UNLIMITED
Active Close

SALE

SALE

SALE

ACTIVE, CLOSE
UNLIMITED

ARIEL

Transform from the Inside

ARIEL

ARIEL

Le Belvoir Gourmand

Product highlights.



Ink cartridge configurations

4-colour mode (x2 CMYK)

6-colour mode (CMYKOrGr)

6-colour + white mode

(CMYKOrGr + x2 W)

The green and orange enable approximately 93% of the Pantone® colour chart to be matched.

Prints three layers in one pass.



Reusable ink cartridge

The ink cartridges can be used repeatedly by changing the ink packs. This eco-cartridge methodology helps to reduce waste costs.

Temperature control

Fan unit vents keep temperature constant for stable printing.



Media output

The printed media slides on to the platen where three heaters are installed. These fix and dry the printed image as it slides through. There is an electrostatic sheet to prevent sticking. This enables secondary processing, such as lamination, to take place immediately.



Print heads

Ricoh GEN5 high-speed piezo durable print heads produce a multiple drop size with a minimum of just four picoliters.



Operation panel

This intuitive and easy to operate display panel incorporates machine status display, data activity and heater indicators.



Cleaning solutions cartridge

For easy and regular maintenance of print heads. Situated on back of machine.

Roll holder / take up device

There is no need to wait for printed material to dry which means it can be rolled onto the take up device immediately after printing.

The device supports a material core from 210mm to 1.6m in width with a maximum weight of 25kg and a media inner core of 66mm and outer diameter of 180mm.

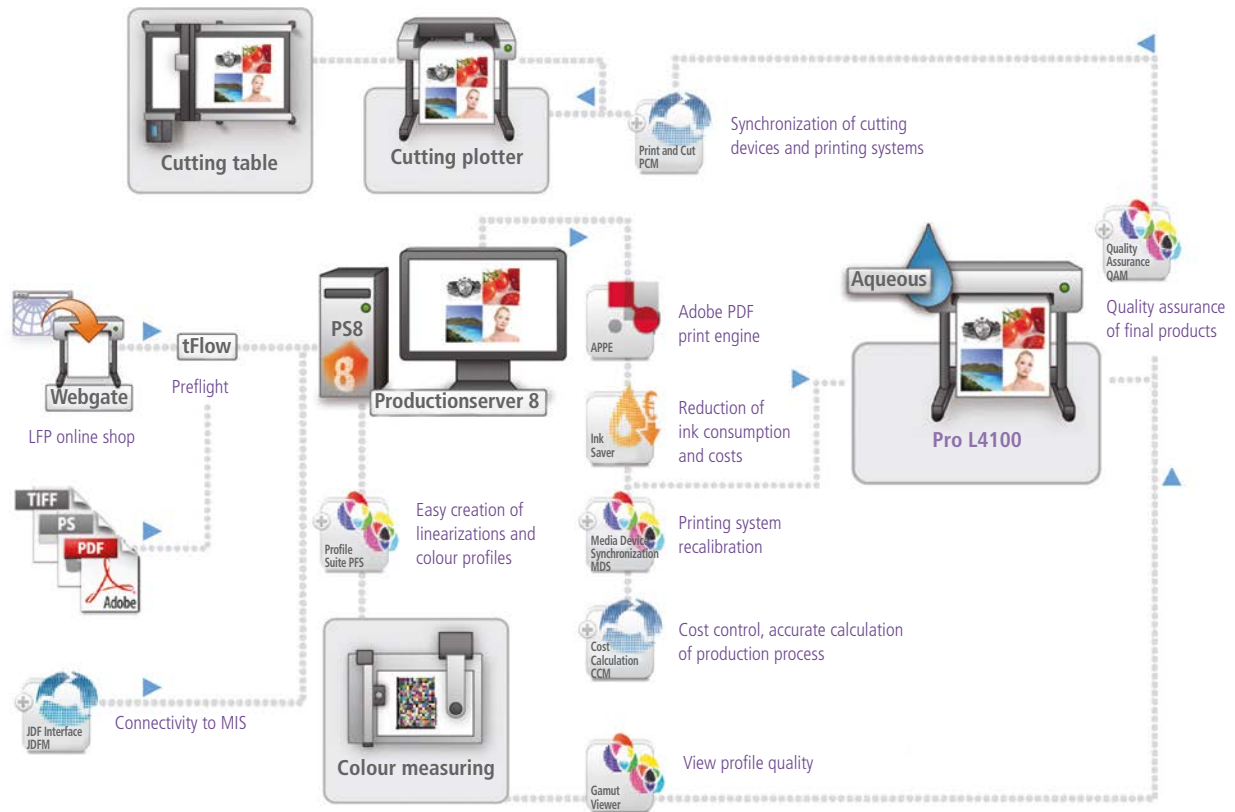


Waste tank

For easy and convenient disposal of ink waste.



Production server



The L4100 series includes the option for the PS8 production server from ColorGATE, the technological leader in workflow automation for large format printing.

The server has the latest Adobe PDF print engine (APPE) which makes smooth, highly automated PDF workflow easy. You will also benefit from a user friendly interface with outstanding functionality, accurate colour management, rapid profiling, recalibration and quality control.

Clever cost control

A useful Cost Calculator feature lets you provide precise quotes before printing and the Container function positions each job optimally to ensure minimum material usage.

There are also two clever optional extras available, too. Firstly an Ink Saver module that can cut ink use to a minimum by intelligent replacement of cyan, magenta and yellow in neutral areas with black ink. Secondly, there's the Print and Cut PCM module that lets you control cutting plotters and tables.



Outdoor display



Display graphics



Backlit display



Vehicle graphics



Labels



In-store POS display



Floor graphics



High quality prints and posters

Applications and media.

Outdoor advertising

Banners, billboards, building wraps, flags, outdoor banners and vehicle graphics.
Film, tarpaulin, synthetic paper OPP, PET films, self-adhesive vinyl and textiles.

Indoor advertising / retail, POS and POP

Advertising posters, POP / POS, pop-up / roll-up displays and window graphics.
Coated / uncoated paper, film, self-adhesive vinyl and textiles.

Exhibition and event graphics

Floor graphics, light boxes, hanging banners and display graphics.
Paper, synthetic paper, film, self-adhesive vinyl and textiles.

Vehicle graphics

Wraps, side panels, window stickers, logos.
Self-adhesive vinyls and films.

Decoration

Wall covering.
Textiles, paper, film and self-adhesive vinyl.

Signage

Double-sided signs, information signs, light boxes, personalised signs, soft signage, directional signs and window stickers.
Coated / uncoated paper, fabric, film and self-adhesive vinyl.

Photos and fine art prints

Designer prints, fine art prints and photo enlargements.
Coated / uncoated papers, film, self-adhesive vinyl and textiles.

Labels and flexible packaging

Food, wine, beverage, pharmaceuticals, cosmetics and household goods.
Paper, synthetic paper, OPP and PET film.



Window graphics

Ricoh Pro L4100 series

Product specifications

INK TYPE

Aqueous durable (latex) ink.

INK SET COMBINATIONS

4-colour mode (x2 CMYK)

6-colour mode (CMYKOrGr)

6-colour+white mode (CMYKOrGr + x2 W)

MAXIMUM PRINT WIDTH

Pro L4130 : 1361mm

Pro L4160 : 1610mm

MAXIMUM MEDIA WIDTH

Pro L4130 : 1371mm

Pro L4160 : 1620mm

MEDIA WEIGHT

25kg or less

PRINT HEADS

Ricoh GEN5 high-speed piezo durable print heads.

Multiple drop size with a minimum of 4 picoliters.

PRINT SPEED

33m²/hr

RESOLUTION

900–1200dpi

INK CAPACITY

600cc CMYKOrGr

220cc white

POWER SOURCE AND MAXIMUM CONSUMPTION

100~120V : 1440W x2

200~240V : 1800W x2

DIMENSIONS W x D x H / WEIGHT

Pro L4130

2634mm x 854mm x 1435mm / 216kg

Pro L4160

2879mm x 854mm x 1435mm / 231kg

ENVIRONMENTAL

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

Ink cartridges can be used repeatedly, reducing waste and cost.

PRODUCTION SERVER

ColorGATE PS8 (Adobe PDF print engine)

Intuitive control and user interface.

Optimal colour reproduction.

High quality modular components.

Maximum productivity.

Ricoh software RIP*

PC SPECIFICATIONS

Windows Vista SP2 or later (32bit / 64bit)

Windows7 (32bit / 64bit)

CPU: Intel core 2Duo 1.8GHz or more

Memory: 1GB

CONFIGURATION / INTERFACE

USB connection (5 metres recommended)

MEDIA

Wide ranging media compatibility which includes thin coated paper, PET, tarpaulin, weatherproof PVC, window film, polyester and cotton.

Thickness 0.3mm or less.

CURING TIME

Fast curing for secondary processing such as lamination.

*Alternative Ricoh RIP information available on request.



RICOH

About Atlantic

Atlantic are an approved Ricoh sales and service support partner for the range of Latex and Digital business printers, including the high performance Ricoh Pro L4100 series which is the perfect solution when you want to increase productivity and quality of output.

European Sign & Digital Manufacturing and Support at its best at www.atlantic-ts.com



ATLANTIC
TECH SERVICES

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