

RICOH
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Ricoh Pro™ VC60000

High speed colour inkjet printing system



Snap Me
Clickable Paper™

Ricoh
Pro™ VC60000

Up to
150
m/min Colour

Ricoh Pro™ VC60000

The next generation of professional digital print

This is a milestone in the evolution of high speed inkjet technology. Built upon our rich heritage of continuous research, development and innovation, the Ricoh Pro™ VC60000 is the next generation of digital press built from Ricoh's technology. It sets a new benchmark for quality, productivity, efficiency and versatility.

The Ricoh Pro™ VC60000 enables a more rapid shift from offset to digital for commercial printers focused on data-driven workflows requiring high-speed inkjet presses, vibrant print quality and media flexibility that includes books, manuals, brochures, personalised collateral, direct marketing and precision marketing. It reduces the make ready time and speeds up turnaround, maximises operational efficiency and allows greater control of costs.

Capable of producing over 120,000 A4 images per hour, the Ricoh Pro™ VC60000 provides a function-rich total solution for customers new to digital colour and for those who want to consolidate and streamline their operations to grow their business. It will enable commercial production printers, in-house and service bureaux to move graphic art applications to high quality digital devices.



Extremely versatile high speed colour inkjet system

Class-leading quality

Premium print quality is assured with Ricoh's next generation print head technology and high-density, rich and durable pigment inks, which are the result of 30 years experience in developing core inkjet technologies. The dynamic variable drop size at pixel level technology can make droplets as small as 2 pl. Combined with the Ricoh unique Dynamic Printhead Positioning technology ensuring tight colour registration; it results in a new level of print quality comparable to offset.

Impressive print speed and volume

Ricoh's advanced drop-on-demand piezo printheads and water-based pigment inks print at impressive speeds and resolutions, which help you meet tight deadlines faster than traditional printing methods:

- 150 m/min at 600 x 600 dpi
- 120 m/min at 600 x 600 dpi
- 75 m/min at 1200 x 600 dpi
- 50 m/min at 1200 x 1200 dpi
- The target volume duplex system is up to 40 million impressions per month for optimum productivity

Broad media support

Offers a broad range of media support with uncoated, coated offset, treated and recycled papers from 40 to 250 gsm at widths of 165-520mm. Optional undercoat unit enables printing on offset coated gloss stocks and optional protector coat unit provides a durable 'scratch & scuff resistant' layer to protect critical documents. Optional air dryers speed up time with heavy coverage applications on offset stocks. From direct mail, collateral and books to postcards, marketing materials and personalised documents, it gives you more applications to offer your customers and grow your market share.

New Digital Front End

The TotalFlow Print Server R600A is a new Ricoh designed and developed Digital Front End, which supports multiple native print streams, including PS, PDF, PDF/VT, AFP/IPDS together with JDF/JMF. It also has a new easy-to-operate user interface, with advanced colour management and imposition tools, designed specifically for the challenges of graphics arts production.

Complete support

The Pro™ VC60000 can be further supported by Ricoh TotalFlow software suite, including Process Director, powerful modular softwares that allow print service providers to automate the flow of jobs through production smoothly and with complete integrity, while retaining flexible control of the print production processes.

A scalable solution

Flexibility is essential for a busy print operation. With its modular architecture, the Ricoh Pro™ VC60000 supports a variety of configuration options that fit into existing environments to meet your needs now and grow with your business. It ensures graphic arts businesses can gain enhanced productivity while carefully controlling costs. It's the ideal investment for printers seeking to future-proof their business and to reach new clients with innovative applications.

About Ricoh

Ricoh is a global digital technology specialist with 30 years of developing, innovating and manufacturing office image equipment, production print solutions, document management systems and IT services. It is known for the quality of its technology, the exceptional standard of its customer service and sustainable initiatives that help businesses be more productive and profitable.

Printing technology	4 colours CMYK Drop on Demand, Ricoh latest generation of Piezo print heads 1-pass (10 x 1200 dpi print head modules per colour) Dynamic variable drop size at pixel level – Drops from 2 picoliters Enhanced colour registration with Dynamic Print Head Positioning Technology
Resolutions/Print speed	600 x 600 dpi: up to 150 m/min (4 colours - 2 bits/spot) 1200 x 600 dpi: 75 m/min (4 colours – 2 bits/spot) 1200 x 1200 dpi: 50 m/min (4 colours – 2 bits/spot)
Productivity in Duplex – 2-Up	600 x 600 dpi: up to 2020 ipm A4 1200 x 600 dpi: 1010 ipm A4 1200 x 1200 dpi: 672 ipm A4
Volume	Up to 121200 A4 impressions / hour Up to 40 million A4 impressions / month
Ink	Ricoh developed and manufactured high density low water content pigment inks Capacity: two 10L Polystyrene tank per colour, on-the-fly replacement
Digital Front End	Support of industry leading colour management control Enhanced impositioning tools JDF and JMF enabled Input type & data streams: PS, PDF, PDF/VT, AFP/IPDS, IS/3, JDF/JMF Graphical User Interface with remote access
Paper specifications	Width: 165 to 520 mm (6.5" to 20.5") Length: 101.6 to 1371,6 mm (4" to 54") Weight: 40 to 250 gsm Type: Uncoated Offset, Inkjet Treated, Inkjet Coated, Offset Coated Non printed area: 2 mm from the paper edges
Machine specifications	Optional Under Coat module and Protector Coat module Layout: 2 engines duplex system in I and L configuration

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