

ProTM C7100/C7100X series

Value Added Colour Production Digital Presses



ProTM
7100 models
80 Colour
B/W
ppm

ProTM
7110 models
90 Colour
B/W
ppm

Add value. Increase performance

Today's customers, both internal and external, demand tight delivery times on short length runs. You need an affordable colour digital press that can more than meet their deadlines, can handle a wide variety of applications and extend your offering with 5th colour opportunities.

The Ricoh Pro™ C7100 and C7100X series are the ideal solutions. Models include C7100/C7110/C7100S/C7110S and C7100X/C7110X/C7100SX/C7110SX.

They complement offset in terms of image quality and offer high productivity as well as the ability to print clear or white. So they add value as they raise performance and profits.

- Offset-like image quality
- 5th colour opportunities with white and clear gloss toner
- Maximises productivity
- Broad paper support
- Hassle-free operation
- Small footprint



Reduces costs. Improves workflow



High image quality

The latest VCSEL technology combined with new toner and advanced image control technology ensure offset like quality for professional results. So you can depend upon outstanding colour (and mono) output to cut time and costs on shorter run length jobs.



Broad paper handling

With versatile paper handling capability this digital press can support paper weight up to 360gsm and banner sheet printing up to 700mm Simplex. Advanced toner transfer enables it to print on textured media and so capture more jobs.



5th Station function

This digital press offers the ability to print additional colours other than CMYK. Clear gloss and white toner provide more value added applications such as spot gloss, flood, and watermarks along with printing on coloured and clear media. Ideal for high-end work and greater impact on a wide range of jobs including annual reports, catalogues, postcards, direct mail, business and invitation cards, posters, packaging and window clings etc.



Ease of operation

An easy-to-access Super VGA operation panel with 10.4-inch colour LCD touch panel allows programme short cuts to be set for frequently used job operations. Includes Status Light Pole and Active Tray Indicator so operation can be monitored from a distance plus 'on the fly' toner replacement to maximise uptime.

Advanced technology for optimum output



High productivity

- 7100 models run at up to 80 pages per minute and 7110 models at up to 90ppm in colour and B/W on thick stock (up to 300gsm)
- Paper handling and print quality is improved by advance toner transfer technology, new elastic fusing belt and advanced image control technology - that ensures colour consistency
- Delivers high productivity in low volume runs helping you meet tight delivery schedules

The latest VCSEL technology

Optimum image quality up to 4800 dpi is ensured by Ricoh's innovative VCSEL technology. VCSEL has as many as 40 laser beams emitting simultaneously to give exceptionally accurate and smooth image quality.



Uptime maximised

- Liquid cooling system has two positive advantages over air-cooling. It takes up less space. It makes long operating hours possible, as it does not need pausing when the developer reaches high temperatures
- Operators can replace Operator Replaceable Units (ORU) units for maximum uptime
- Status Light Pole – can see operational status even from a distance
- Operational panel features animations for user ease
- 'One the fly' toner replacement enables continuous usage

Expand your opportunities for success



Broad paper support

- Want to start on-demand print business, bring printing in-house or offer your customers a wider proposition? Ricoh Pro™ C7100 and C7100X series gives your business more print opportunities to grow market share.
- Supports from 52.3 - 360gsm
- Textured Media support - advanced toner transfer technology ensures superior transferability on textured media

5th Station value added applications

The introduction of the new 5th Station with Clear Gloss and White toner provides your business with more value added applications for high impact standout on invitations, business annual reports, catalogues, postcards, direct mail, business cards, posters, packaging and window clings.



Target reliability

With Ricoh Pro™ C7100 and C7100X series you benefit from increased reliability and productivity. It offers of a lifetime of 14,400K or 5 years and a recommended document volume range of 60 - 140K, max 240K.

The power for greater performance



Robust functionality for maximum productivity

Ricoh Pro™ C7100 series and C7100X series support advanced external EFI Fiery servers. With a new user interface and functionality, they offer ease-of-use enhancements that help simplify file management and job workflow for greater efficiency.

Increase RIP productivity

The EFI Fiery servers incorporate a high-performance 3.5 GHz up to 3.8GHz w/Turbo Intel Xeon processor, extended 2GB x 8 memory and a powerful 500 GB HDD. They enable you to not only handle complex jobs more easily but also support the finishing options that you can offer to be more competitive and profitable.



New options. New opportunities



Vacuum Paper Feed and Bridge Unit

- Air vacuum feature to handle more heavy media with coated surface
- Supports media weight (mainframe specific) 52gsm to 360gsm
- Delivers air to front and sides so each sheet can be delivered by the belt separately
- Offers high level of feeding accuracy for greater productivity
- Up to 3 units can be combined

Banner Sheet Tray

- Optionally integrated to the upper tray of the Vacuum Paper Feed
- Paper size: 210 - 330mm x 420 - 700mm
- Media weight 52 up to 300gsm
- Up to 1,250 sheet capacity dependent on media thickness
- Tray to support Banner Sheet for the Finisher included

Multi-Bypass Tray

- Paper size: 100 - 330mm x 139 - 487mm
- Media weight 52 up to 216gsm
- Up to 500 sheet capacity dependent on media thickness



LCT and Active Tray Indicator

- The A3/DLT Large Capacity Tray has easy-to-see Active Tray Indicator
- LED lamp on all paper trays informs of status of paper feed which prevents opening an active tray so avoids possible paper jam
- Allows user to know which trays are not in use so they can be refilled for the next job to speed up operation
- Supports up to 330 x 487mm paper size
- Offers enhanced Paper Feed Capacity
- Air-Assist Paper Feed enables ease of handling of various paper types such as coated paper and paper thickness 52gsm - 360gsm



More advantages and benefits



Secured tray for valuable papers*

- Tray can be secured with a lock
- Offers extra security for customers such as banks and security companies handling checks and securities
- Opportunity to provide this service to expand your offering

*selected trays

Standard Finisher and Booklet Finisher

- Stack capability: media up to 330 x 487mm
- Media weight: 52 - 360gsm
- Up to 3,000 sheets on Shift Tray (A4/LT, 80gsm)
- 100 sheets staple (B5-A3/215 x 279 - 279 x 431mm, 80gsm)
- Book Finisher offers the same stack capacity with 20 sheet booklet (B5-SRA3/215 x 279 - 330 x 487mm, 90gsm)
- Booklet Finisher has one-side edge trimmer as an option
- Enables creation of professional booklets



Multi-Folding Unit

- Offers six options for paper folding
- Supports from 64gsm to 105gsm including coated paper
- For 2-Fold, 3-Fold In and 3-Fold Out, multi-pages folding is available up to three pages from 64 - 89gsm
- Ideal for direct mail opportunities

Increase your Direct Mail output



Ring Binder

- Fully automates binding workflow, saving time and labour costs
- Easy of operation as the system processes from printing to closing rings without manual intervention
- Operator can prepare for the next job whilst the system runs itself
- Two sizes of consumable rings are available for 50 or 100 sheets
- Cartridge ring holds up to 75 sets and easy to refill
- Black/white coloured rings available

Plockmatic Booklet Maker

- Plockmatic 350 has 35 sheet capacity and can upgrade to 50 sheet capacity to create booklets out of 50 sheets of 80gsm paper
- Supports up to 300gsm media coated or un-coated
- Heavy duty staple mechanism, adjustable staple position, hand feed capability and automatic paper format setup



GBC StreamPunch Ultra

- Wide media range - up to 300gsm
- Tab processing on the trailing edge of the sheet
- World's first 'Double Punch' capability
- New Die Set design

Saving time. Speeding up production



Paper Decurl Unit

- Optional Paper Decurl Unit uses two paths to deal with concavity and convexity curls
- It puts an end to the common problem of curling paper in colour especially when printing with high toner coverage, thin paper and paper with long grain

Buffer Pass Unit

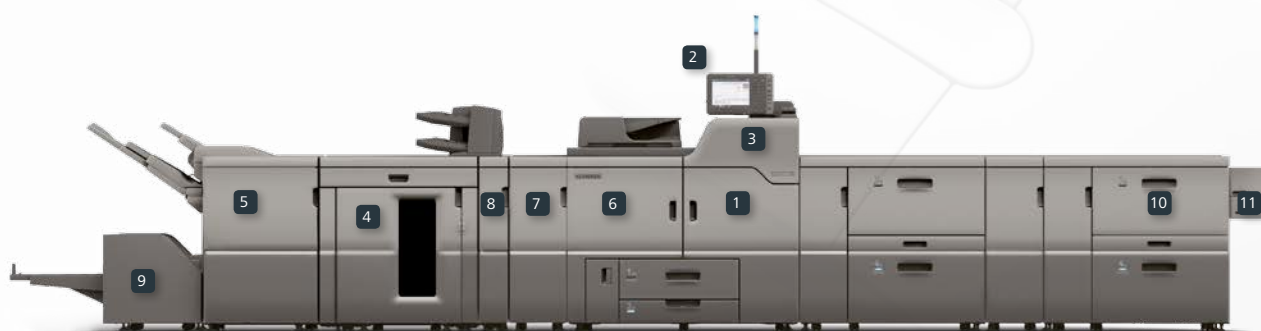
- Prevents toner adhesion/sticking by cooling down the printed paper before it's stacked inside the High Capacity Stacker or Finisher Shift tray
- Puts an end to ruined images or paper ripping when separated so saves time and money



High Capacity Stacker

- This new option stacks up to 5,000 sheets (SRA3, A4, LT size) on shift tray and 250 sheets on one proof tray
- Up to two stackers can be attached
- Includes roll-away cart as standard
- Ensures ease of high volume outputs

The options for success



1 Pro™ C7100/C7110

2 Colour LCD Panel

3 5th Station Function

4 High Capacity Stacker

5 Booklet Finisher

6 Paper Decurl Unit

7 Buffer Pass Unit

8 2 Tray Cover Interposer

9 Booklet Trimmer

10 Vacuum Paper Feed

11 Banner Sheet Tray

☐ Secured Tray for valuable papers (not illustrated)

☐ Standard Finisher (not illustrated)

☐ Multi-Folding Unit (option, not illustrated)

☐ Ring Binder (option, not illustrated)

☐ Plockmatic Booklet Maker (option, not illustrated)

☐ GBC StreamPunch Ultra (option, not illustrated)

☐ SRA3 LCT (option, not illustrated)

☐ Multi-Bypass Tray (option, not illustrated)

Pro™ C7100/C7110

MAIN SPECIFICATIONS

GENERAL

Technology:	4-drum & 5-drum dry electrostatic transfer system with internal transfer belt
Fusing:	Oil less belt-fusing method
Toner Type:	New chemical toner
Print Speed:	C1a/P1a: FC/BK 80PPM Thick1(52g/m ²) – Thick7(300g/m ²) 80PPM Thick8(300g/m ²) – (360g/m ²) 65PPM FC + 5ST(White) Thick1(52g/m ²) – Thick7(300g/m ²) 80PPM Thick8(300g/m ²) – (360g/m ²) 65PPM C1b/P1b: FC/BK 90PPM Thick1(52g/m ²) – Thick7(300g/m ²) 90PPM Thick8(300g/m ²) – (360g/m ²) 75PPM FC + 5ST(White) Thick1(52g/m ²) – Thick7(300g/m ²) 90PPM Thick8(300g/m ²) – (360g/m ²) 75PPM
Print:	Max 1200 x 4800dpi VCSEL
Warm-up time:	Less than 300 sec.
Dimensions (WxDxH)	1,320 x 910 x 1,218mm
Weight:	(4 Station) Less than 560kg (5 Station) Less than 580kg
Power Source:	220-240V, 16A, 50/60Hz
Power Consumption:	Less than 5000W
Duty Cycle:	a:600K / b:700K per month

MEDIA HANDLING

Paper Input Capacity:	1st tray (std) 1,000 sheets x2 (Tandem) 2nd tray (std) 500 sheets 3rd tray (Optional) 1,000 sheets 4th tray (Optional) 2,000 sheets 5th tray (Optional) 1,000 sheets 3rd-8th Tray (Optional) Vacuum Feed LCT 2,200 sheets each Bypass Tray 500 sheets
Max Printable Area:	323mm x 480mm / 12.7" x 18.9", 323mm x 692mm / 12.7" x 27.2" (when using Banner Sheet Tray Option)
Paper Weight:	1st tray 52-300g/m ² 2nd tray 52-256g/m ² A3/DLT LCT: 3rd tray 52-256g/m ² 4th tray 52-360g/m ² 5th tray 52-256g/m ² Vacuum Feed LCT: 3rd-8th tray 52-360gsm Banner 52-300g/m ² Bypass tray unit: 6th tray 52-216g/m ²

COLOUR CONTROLLER

Configuration:	E-43A
CPU:	External Intel i5-4570 (2.9GHz up to 3.6GHz with Turbo)
Memory:	2GB x 2
HDD:	1TB x1 SATA
CD-ROM Drive:	Supported DVD-RW
Operating System:	Windows 7 Professional for Embedded Systems x64
Configuration:	E-83A
CPU:	Optional (external) Intel Xeon (Quad-Core) Xeon E5-2637 (3.5GHz up to 3.8GHz w/Turbo)
Memory:	2GB x 8
HDD:	1TB x2 SATA / RAID 0 (for data) 500GB SATA (for OS)
CD-ROM Drive:	Supported DVD-RW
Operating System:	Windows 7 Professional for Embedded Systems x64

OTHER OPTIONS

Ricoh Light High Middle Production Digital Press with optional Vacuum Paper Feed RT5100, Bridge Unit BU5010, Multi-Bypass Attachment Kit for Vacuum Paper Feed Type S3, Vacuum Feed Banner Sheet Tray Type S3, Multi-Bypass Banner Sheet Tray Type S3, Buffer Pass Unit Type S3, High Capacity Stacker SK5030, Decurl Unit DU5040, RPIP Interface Box Type S3, TCRU/ORU Type S3 (Set A), TCRU/ORU Type S3 (Set B), TCRU/ORU Type S3 (Set C), 5" Station Replacement Kit Type S3, PostScript3 Unit Type S3, Developer High-Gloss Clear Type S3, Developer White Type S3, Plockmatic Booklet Maker, GBC Punch.

WORKFLOW SOLUTIONS

EFI™ Digital StoreFront®, EFI™ Color Profiler Suite, EFI™ Fiery® Graphic Arts Package Premium Edition, EFI™ SeeSequence Compose, SeeSequence Impose, SeeSequence Suite, DirectSmile®, EFI™ Fiery® Central, Objectif Lune PlanetPress, Ricoh TotalFlow: PTI FusionPro®, MarcomCentral®, TotalFlow BatchBuilder, CGS ORIS Lynx & PressMatcher, Ricoh Process Director Express®, Prep, Print Manager, Production Manager & Path.

ENVIRONMENTAL INFORMATION

Pro™ C7100/C7110 comply with Energy Star 1.1 standards.

Please Note: Unless stated otherwise the data used in this brochure is based on A4 80gsm Standard Media.



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