



PRODUCTION PRINTER
VALEZUS T2100
HIGH-SPEED FULL-COLOR CUT-SHEET INKJET PRINTER

VALEZUS

Innovative inkjet solution for Ideal production printing



We have optimized our proven technology to fulfill the unmet needs in production printing.

VALEZUS will transform your workflows and bring new opportunities.

- Achieve maximum productivity without large investments
- Reduce turnaround time for both short-runs and long-runs
- Eliminate preprinted forms, streamline process, and optimize business efficiency.

VALEZUS T2100 is a high-speed full-color cut-sheet inkjet printer that offers an ideal solution to fulfill your unmet needs and reach your business goals.

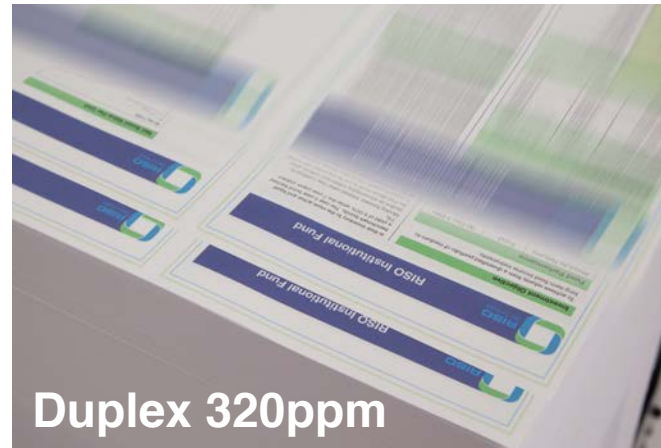
Key Features of VALEZUS T2100

Productivity

High productivity in a compact footprint

High-speed printing achieved by the high-speed inkjet technology RISO has accumulated over the years brings greater productivity to users. Despite being compact and economical, VALEZUS T2100 achieves up to 320 ppm* 19,200 pages per hour.

*Duplex printing on A4 size paper



Affordability

Economical initial costs and low energy consumption

VALEZUS T2100 has a low hardware cost in relation to its outstanding productivity. That means you can economically introduce a color production machine without making a large initial investment. Moreover, the fast-drying oil-based pigment ink we developed enables duplex printing without a heater. This greatly reduces electricity consumption for printing.



Flexibility

Expanding capability for diverse printing needs

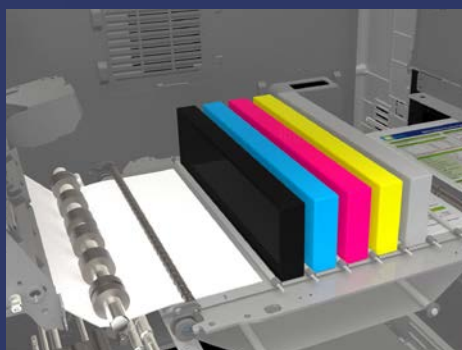
VALEZUS T2100 offers ease of use. The Paper path is extremely simple due to VALEZUS T2100 being a cut-sheet printer. Setting up the machine and replenishing paper are simple as well. Moreover, VALEZUS T2100 is very simple to operate, enabling operator training to be simplified, making this device responsive to diverse orders from small to large print jobs.



Function and Performance for High Productivity

VALEZUS T2100

RISO Proprietary Technology



ENGINE TECHNOLOGY
FORCEJET™

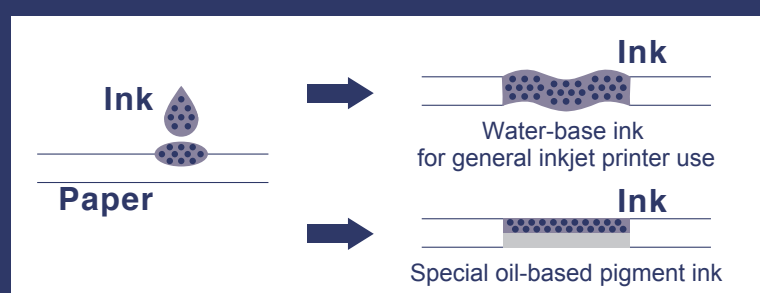
High-speed Paper Feeding System

By making the paper transfer route as straight as possible, we achieve stable yet fast paper feeding. Two 160 ppm print engines are connected to achieve 320 ppm duplex printing.



Fast-drying Ink Developed on Our Own

Fast-drying, oil-based pigment ink developed by RISO enables duplex printing with no heat. Unlike the water-based ink and toner, it prevents paper curl and allows stable paper path, helping to ensure flat output, which reduce troubles on post processing machines for envelope insertion.



Efficient feeding and stacking system

VALEZUS T2100 carries two feeding trays with a capacity of 4000 sheets each, and ensure stable paper path by air-feed mechanism. VALEZUS T2100 also carries two 4000-sheet stacking unit. By switching the feeding tray and stacking unit used during printing, you can load / unload paper without stopping the printer. Furthermore, a jogging mechanism is included, and it delivers out to post-processing smoothly with a high capacity stacker cart.



Double Tray Feeder



High Capacity Stacker Cart



αstream



In addition to PS/PDF, AFP(IPDS) is also supported, allowing diverse workflows to be handled.

Five Color Inks for Excellent Color Reproduction

Adding Gray ink to Black, Cyan, Magenta, and Yellow achieves excellent color reproduction.

Energy-saving and Environmentally conscious

Unlike with devices that fuse toner by heat or where water-based ink takes time to dry, there is no need to employ a heater. Therefore, high levels of heat are not emitted, and electricity consumption can be minimized.

Space saving

Even with an installed area of just 3.6 m², productivity is excellent at 320 ppm.

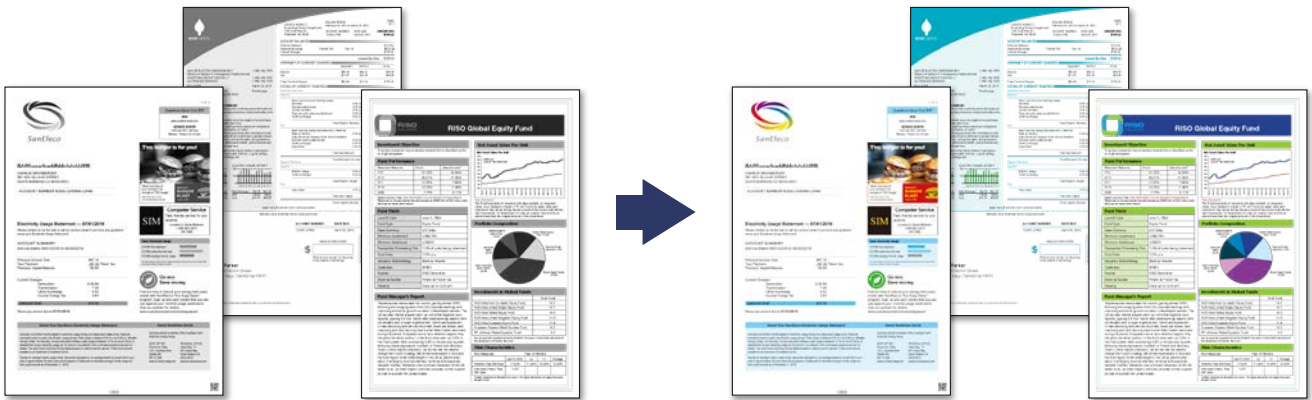
VALEZUS T2100

User Benefits

Add Color Easily to your Printing

VALEZUS T2100 enables a switch to color printing at an economical cost. Forms and the like that were previously printed in black and white can be produced with color to heighten appeal as well as to give added value to print products.

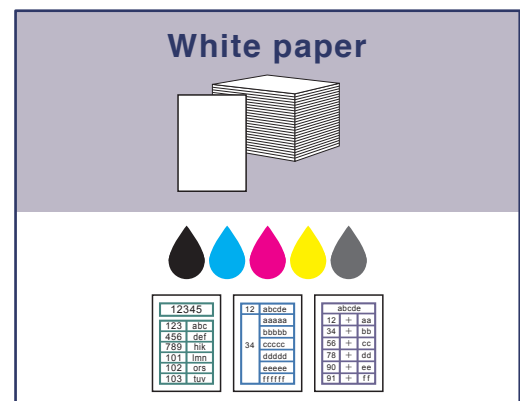
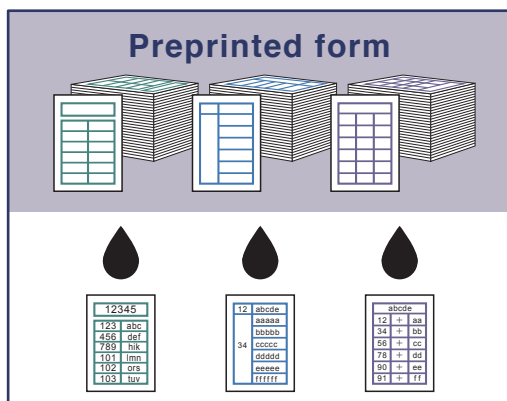
More benefits



Clean-Sheet Production

The variable part of invoices, direct mail, and other forms, which was previously overprinted onto preprinted sheets, can be printed simultaneously with the fixed part. This eliminates the need to have stock of multiple types of preprinted forms, thereby reducing stock costs and storage space needed.

Stock cost and storage space reduction!



Compatible with global standards in transaction printing

Adaptable to a wide range of print environments
by combining **αStream** to **VALEZUS**.



- ◆ **The latest AFP Consortium standards are supported.**
Additionally, a variety of data formats are supported as well.
- ◆ **Compatible with a vast range of color management functions.**
- ◆ **Equipped with Adobe PDF Print Engine.**
PDF Jobs are natively processed by the Adobe® PDF Print Engine™, ensuring a perfect rendering management.

Controller specifications

	αStream Pro	αStream Starter
Workstation	Dell Precision™ T5820	Dell Optiplex™ 5055
Processor	Intel Intel Xeon W-2155 (10 cores/4 MB/3,3 Ghz/4,5 Ghz turbo/140 W)	Processor AMD Ryzen™ 7 Pro 1700 (8 cores/4 MB/16T/3 Ghz/65 W)
Memory	RAM 32 GB (4 x 8 GB) DDR4 2666 MHZ	RAM 32 GB (4 x 8 GB) DDR4 2400 MHZ
Hard Drives	2 x 2.5" 500GB 7200rpm SATA Hard Drive	
Operating System	Windows® IoT 10	
Input Data Stream	IPDS connection over TCP/IP, AFP, PDF (Level 1.3, 1.4, 1.5, 1.6, 1.7) (PDF/X-1a, PDF/X-3, PDF/X-4, PDF/X-5, PDF/VT), PostScript® (EPS, PS) level 3, Graphic' Arts, TIFF (Mono and Multi-Pages), JPEG, JPEG 2000, SVG, SVGz, PNG, GIF	PDF (Level 1.3, 1.4, 1.5, 1.6, 1.7) (PDF/X-1a, PDF/X-3, PDF/X-4, PDF/X-5, PDF/VT), PostScript (EPS, PS) level 3, Graphic' Arts, TIFF (Mono and Multi-Pages), JPEG, JPEG 2000, SVG, SVGz, PNG, GIF
Color Management	Linearization Curves, ICC Profiles, Devices Links, Rendering Intent, Color Mapping table for indexed or named colors (E.g. Pantone colors to CMYK, RGB or LAB color spaces), Passthrough color management for RGB and CMYK input colors : Ability to define directly by object type (text, vector graphics, images), a color encountered in the stream without applying color conversion	

Specifications are subject to change without notice.



Specifications

ITEM			Description
Print Type			Line-type inkjet system (drop on-demand)
Ink Type			Oil-based pigment ink (Cyan, Magenta, Yellow, Black, Gray)
Print Speed *1			Duplex: 320 ppm, Simplex: 160 ppm (A4 LEF, Letter LEF)
Print Resolution	Standard		Black: 600dpi x 600dpi Cyan/Magenta/Yellow/Gray: 300dpi x 300dpi
	Fine		Black: 600dpi x 600dpi Cyan/Magenta/Yellow/Gray: 300dpi x 600dpi
Paper Input	Size	Double Tray Feeder	Max: 330.2mm x 465mm (13" x 18.3") Min: 148mm x 210mm (5.9" x 8.3")
		Feed Tray	Max: 297mm x 432mm (11.6" x 17.0") Min: 182mm x 210mm (7.2" x 8.3")
	Weight	Double Tray Feeder	46gsm to 210gsm (12-lb bond to 56-lb bond)
		Feed Tray	52gsm to 104gsm (14-lb bond to 28-lb bond)
	Capacity	Double Tray Feeder	4,000 sheets x 2 trays*2 (Height up to 440mm (17.3"))
		Feed Tray	500 sheets x 3 trays*2 (Height up to 56mm (2.2"))
Paper Output	Size	Double Tray Stacker	Max: 340 x 460 mm (13.3"x18.1") Min: 148 x 210 mm (5.9"x8.3")
	Weight	Double Tray Stacker	46gsm to 210gsm (12-lb bond to 56-lb bond)
	Capacity	Double Tray Stacker	4,000 sheets x 2 trays *2*3 (Height up to 440mm (17.3"))
Power Consumption			Max. 3,010W
Dimensions (W x D x H)			4,755mm x 750mm x 1,445mm (187.3" x 29.6" x 56.9")

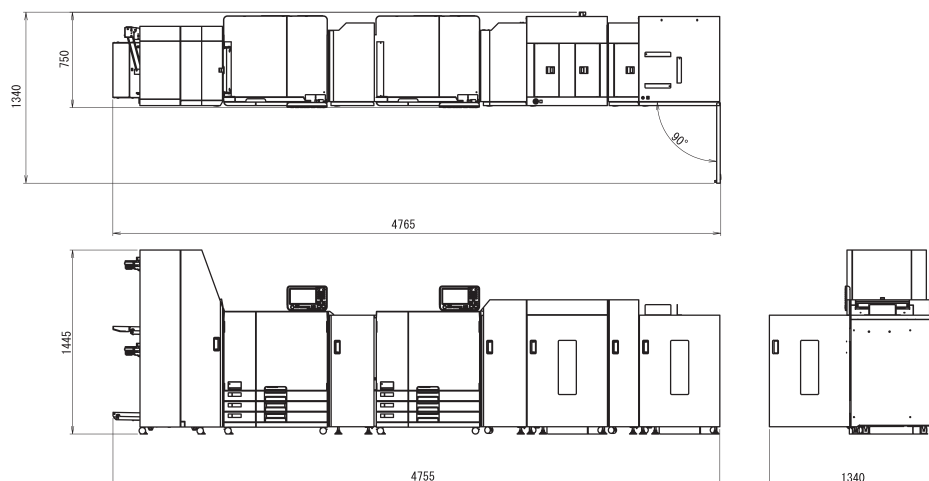
*1 When using plain paper and recycled paper (85 gsm (23-lb bond)), and standard density setting.

*2 When using plain paper and recycled paper (85 gsm (23-lb bond)).

*3 When short edge is less than 182mm or long edge is less than 257mm, Max capacity is 1,000 sheets.

Specifications are subject to change without notice.

Dimensions



®, RISO, VALEZUS and FORCEJET are trademarks or registered trademarks of RISO KAGAKU CORPORATION. tech.research, Alpha Stream and QStream are registered trademarks or trademarks of TagG Informatique. Adobe, PDF Print Engine and PostScript are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. Microsoft, Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Intel and Intel Core are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Dell, Dell Precision and Optiplex are trademarks of Dell Inc. or its subsidiaries. AMD, Ryzen and combinations thereof are trademarks of Advanced Micro Devices, Inc. Other corporate names and/or trademarks are either registered trademarks or trademarks of each company, respectively.



RISO KAGAKU CORPORATION

5-34-7 Shiba, Minato-ku, Tokyo 108-8385, Japan
www.riso.com