

VALEZUS

HIGH-SPEED FULL-COLOR CUT-SHEET INKJET PRESS

T2200 | T1200



PRODUCTION PRINTING *Innovation*

The VALEZUS is an innovative, highly productive, cut-sheet color inkjet press for the ever changing production print market. Offering productivity unmatched by other production printers combined with a high environmental performance, for all your volume printing requirements.

Developed over many years, RISO's patented and ever evolving high-speed inkjet printing technology enables VALEZUS to maximize productivity within a small footprint. VALEZUS delivers optimal results for your production printing needs to drive growth and innovation in your business.

VALEZUS

VALEZUS T2200

Tandem engine model

up to 330 ppm duplex A4 long-edge feed



VALEZUS T1200

Single engine model

up to 165 ppm simplex A4 long-edge feed



4,000 x 2 Double Tray Feeder & Stacker



4,000 High Capacity Feeder & Stacker



4,000 High Capacity Feeder & Multi Function Finisher & Face Down finisher

Core Technology Supporting Production Press

The Technology Refined for Large Volume Printing

RISO's unique inkjet technology has constantly been refined and has evolved over a number of years to offer high productivity and low running costs in an extremely compact footprint.

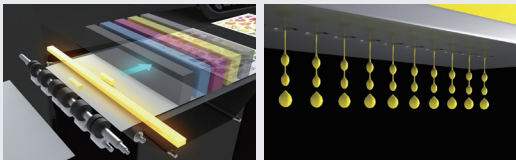
up to
330 ppm

* VALEZUS T2200, A4 long-edge feed, duplex

The FORCEJET™ Engine

The VALEZUS printing press utilizes a line-type Inkjet print head which permits printing of the full width of the printed sheet in a single pass. In order to achieve optimum image quality and accurate printing position, the print head drive and paper transport are controlled in real time using multiple sensors.

ENGINE TECHNOLOGY
FORCEJET™



High-Concentrate Ink Developed Exclusively for VALEZUS

RISO has further developed its proprietary oil-based pigment ink for enhanced output with the VALEZUS. The water and light resistant five-color inks deliver high-definition color print with stability of the image on the sheet.



Low Power Consumption and High Efficiency enabled by Cold and Flat Output

The quick-drying oil-based ink enables high-speed duplex printing, without the need for fusing or drying. This allows for significantly reduced power consumption. Additionally, the cold and flat output enables efficient post-processing of the printed pages.



High-Productivity for Production Press

330 ppm

High-Speed Duplex Printing

The VALEZUS T2200 achieves a print speed of 330 duplex pages per minute* by connecting the two high speed print engines. The VALEZUS T1200 has a single engine that delivers a print speed of 165 simplex pages per minute*.

* A4 long-edge feed



Continuous High-Volume Printing

The VALEZUS T2200 and T1200 are equipped with two 4,000-sheet feeding trays and stackers. This allows the T2200 and T1200 to process up to 8,000 sheets at a time with the added ability to load and unload on the fly, maintaining maximum productivity without interruption.*

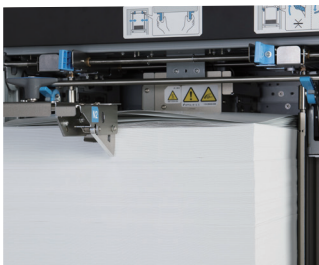
The VALEZUS T1200 is also available with a single 4,000-sheet feeder and a stacker.* By combining the 4,000-sheet paper feed and the 1,500-sheet front loading feed tray, and arranging multiple carts, you can print continuously with little downtime. You have two types of feeders and stackers combinations for the T1200 to choose from depending on your needs.

*Loading capacity varies depending on the paper.



Double Tray Feeder

Paper loading and unloading "on the fly," maintaining maximum production without interruption.



Air Suction Feed

The Double Tray Feeder is equipped with an air suction feed mechanism for precise and stable feeding.



Double Tray Stacker

Each stacker is equipped with a cart for smooth delivery to post-processing equipment.



Front Loading Feed Tray

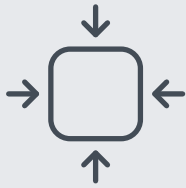
The front loading feed trays allow the VALEZUS to print on a combination of various types of paper.



Jogging Mechanism

The Double Tray Stacker is equipped with a jogging mechanism for paper alignment.

Easy Handling, Installation and Maintenance



Space-Saving Design

The VALEZUS boasts a compact footprint for its incredible output speed, which means it can be placed, if required, beside a post-print processing device or a larger continuous feed machine to handle reprint applications.



Quick Installation and Minimal Initial Investment

The VALEZUS does not require special ventilation for temperature control, or heat and fumes extraction, and operates on a standard power supply. This means that VALEZUS can be installed quickly and easily with minimal disruption and cost.



High Print Volumes at Low Overall Cost

VALEZUS has a low capital cost in relation to its high productivity, with no need for major investment to implement full color production. With the VALEZUS, you can combine the economy of inkjet printing with the flexibility of a digital press to produce very high print volumes at low overall cost.



Intuitive Usability

The intuitive interface makes it quick and simple for you to set it up and begin printing. The VALEZUS does not require any specific technical skills to use. This compact-sized printer is designed to ensure that operators are always close to all key areas of the machine, therefore improving work efficiency.



Easy Maintenance and Long-Term Usage

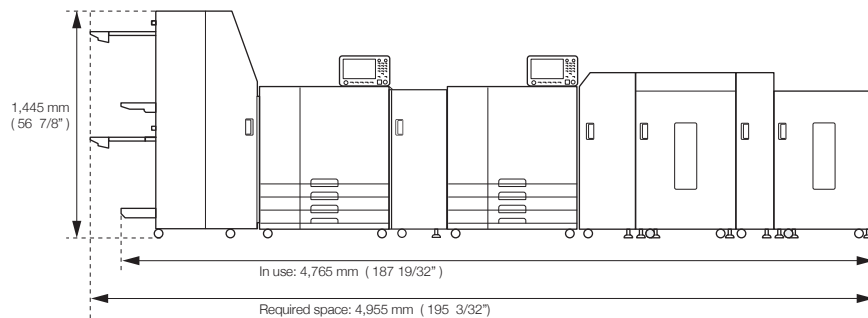
The VALEZUS is designed to ensure low cost maintenance over the lifespan of the machine. It has no mechanism for drying printed paper inside the machine, which simplifies the paper transport path and reduces the number of parts. In addition, the inkjet method is a non-contact printing method, which causes less wear on parts compared to other contact printing methods. As a result, VALEZUS is less prone to breakdowns and easier to maintain.

VALEZUS Dimensions

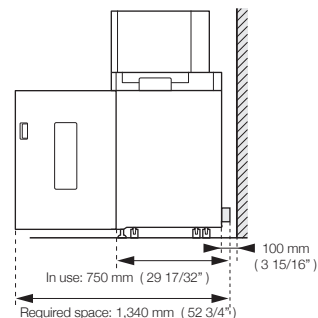
VALEZUS T2200

[Front View]

4,000×2 Double Tray Feeder + Stacker



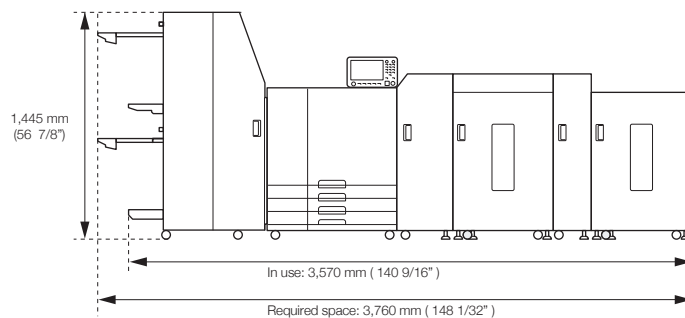
[Side View]



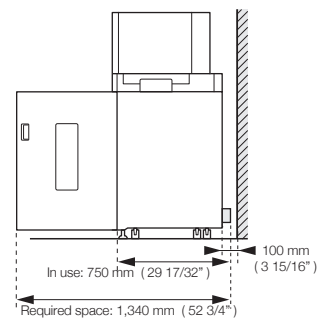
VALEZUS T1200

[Front View]

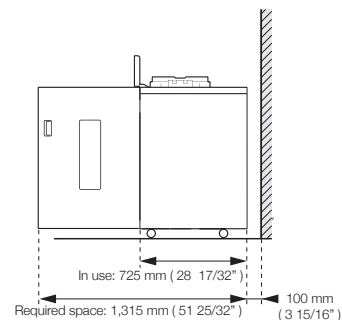
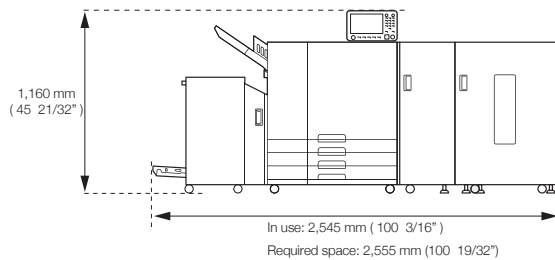
4,000×2 Double Tray Feeder + Stacker



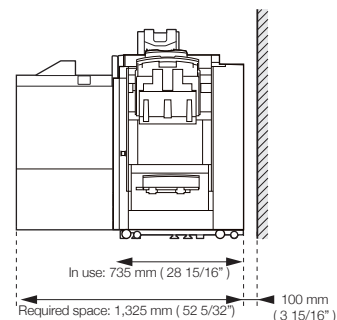
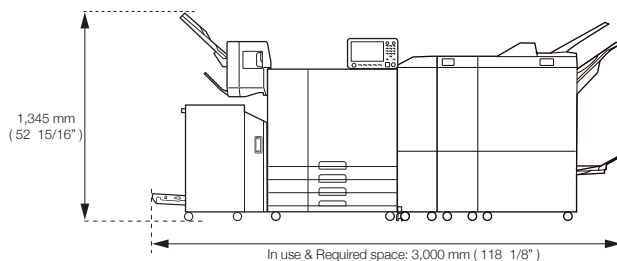
[Side View]

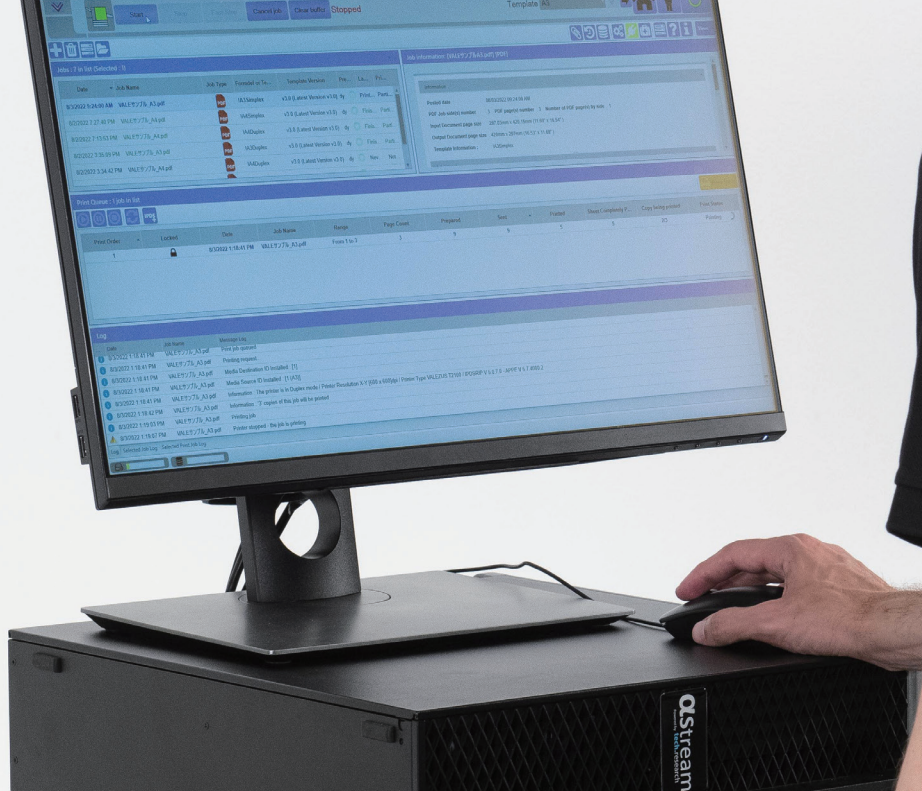


4,000 High Capacity Feeder & Stacker



4,000 High Capacity Feeder & Multi Function Finisher & Face down Finisher





Outstanding Flexibility for any Workflow

Easy Integration for Uninterrupted Current Workflow

The VALEZUS can be easily integrated into any workflow environment. The VALEZUS T2200 supports the TagG αStream controller, and the VALEZUS T1200 supports both the TagG αStream and Fiery® controllers.

True Native AFP/IPDS Environments

The use of the TagG αStream controller offers true native AFP/IPDS*, PostScript and PDF data format. This ensures a smooth installation without affecting your current workflow. Both T2200 and T1200 are compatible with αStream Pro/Starter.

* AFP/IPDS is only available for αStream Pro.

Variable Data Printing Operations

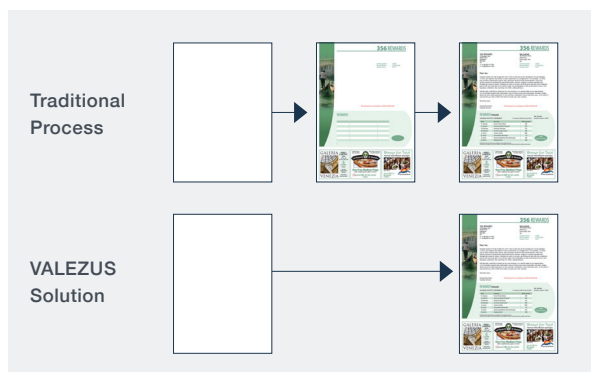
The dedicated Fiery controller enables direct processing of a wide range of file formats, and supports variable data printing operations, maximizing VALEZUS productivity. Only VALEZUS T1200 is compatible with Fiery controller.



VALEZUS Applications

White Paper Factory Solution

Variable information for invoices and direct mail that previously had to be produced on preprinted stocks can now be printed in one simple process. This eliminates the need to stock preprinted media, greatly reducing costs and saving storage space.



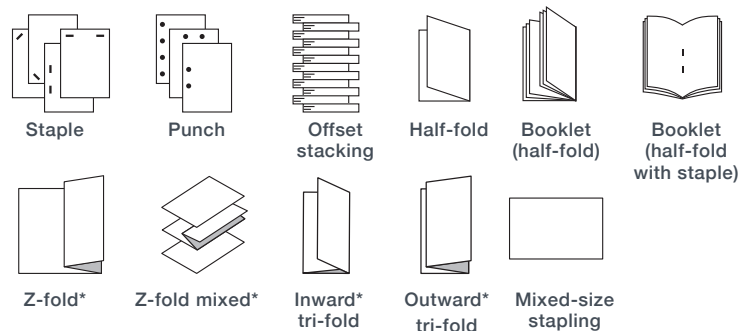
Bring Color to Your Printing at Low Cost

The VALEZUS printing press makes it possible for you to migrate mono work to full color printing at an affordable cost. A wide range of documents previously printed in black and white can now be printed in full color, adding to their visual appeal and increasing the added value of your print products.



Inline Finishing Configuration

In addition to usual stacking printing, VALEZUS T1200 can also be used for staple, Booklet(half-fold with staple), punch and inline finishing.



*With folder Unit FG20



VALEZUS T2200

Specifications

Print Type	Line-type inkjet system
Ink Type	Oil-based pigment ink (Cyan, Magenta, Yellow, Black, Gray)
Print Resolution	Black: 600 dpi (main scanning direction) × 600 dpi (sub-scanning direction) Cyan, Magenta, Yellow, Gray: 300 dpi (main scanning direction) × 300 / 600 dpi (sub-scanning direction)
Continuous Print Speed	Simplex: 165 ppm, Duplex: 330 ppm

VALEZUS T1200

Specifications

Print Type	Line-type inkjet system
Ink Type	Oil-based pigment ink (Cyan, Magenta, Yellow, Black, Gray)
Print Resolution	Black: 600 dpi (main scanning direction) × 600 dpi (sub-scanning direction) Cyan, Magenta, Yellow, Gray: 300 dpi (main scanning direction) × 300 / 600 dpi (sub-scanning direction)
Continuous Print Speed	Simplex: 165 ppm, Duplex: 82 sheets/minute (164 ppm)

	VALEZUS T2200	VALEZUS T2100 Previous model
Engine	Tandem Engine	Tandem Engine
Print Density	★★★ (High Density Ink)	★★
Print Speed	★★★ (330 ppm*1)	★★★ (320 ppm*1)
Data Processing Speed	★★★	★★
Small Footprint	★★ (3.57 m ²)	★★ (3.57 m ²)
Paper Feed Capacity	★★★ (9,500 sheets)	★★★ (9,500 sheets)
Paper Stack Capacity	★★★ (8,000 sheets)	★★★ (8,000 sheets)
Finishing Function	★ (Offset stacking)	★ (Offset stacking)
Controller Option	★★ (αStream Starter/Pro)	★★ (αStream Starter/Pro)

*1 A4 long-edge feed, duplex

	VALEZUS T1200 4,000 x 2 Double Tray Feeder & Stacker	VALEZUS T1200 4,000 High Capacity Feeder & Stacker	VALEZUS T1200 4,000 High Capacity Feeder Multi Function Finisher & Face down Finisger
Engine	Single Engine	Single Engine	Single Engine
Print Density	★★★ (High Density Ink)	★★★ (High Density Ink)	★★★ (High Density Ink)
Print Speed	★ (165 ppm*2)	★ (165 ppm*2)	★ (165 ppm*2)
Data Processing Speed	★★★	★★★	★★★
Small Footprint	★★★ (2.68 m ²)	★★★ (1.85 m ²)	★★★ (2.46 m ²)
Paper Feed Capacity	★★★ (9,500 sheets)	★ (5,500 sheets)	★ (5,500 sheets)
Paper Stack Capacity	★★★ (8,000 sheets)	★★ (4,000 sheets)	★★ (1,000 + 2,500 sheets*3)
Finishing Function	★ (Offset stacking)	★ (Offset stacking)	★★★ (11 post-processing functions)
Controller Option	★★★ (αStream Starter/Pro, Fiery)	★★★ (αStream Starter/Pro, Fiery)	★★★ (αStream Starter/Pro, Fiery)

*2 A4 long-edge feed, simplex

*3 Excluding Folder Unit FG20 and Booklet

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RISO KAGAKU CORPORATION
5-34-7 Shiba, Minato-ku, Tokyo 108-8385 Japan
<https://www.riso.com/>