

Production Printer
RISO T1



Compact full-color continuous feed inkjet printer

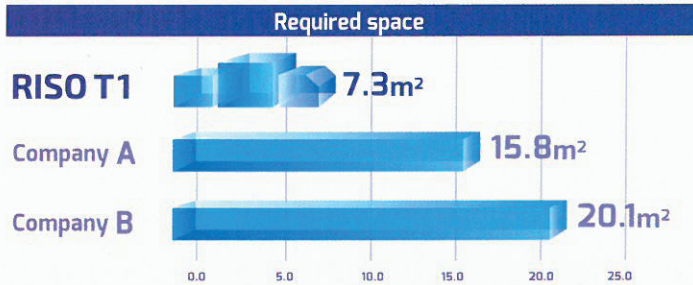


Concept Model



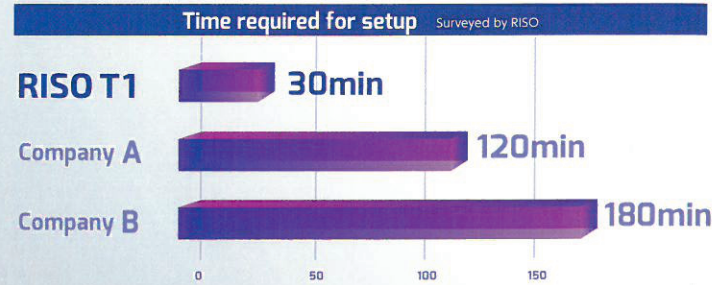
Simple & Compact

A compact form featuring a small footprint of 7.3 m² even with a duplex printing capability and weight of just 2,080kg make the T1 ideal for where installation space can be a concern.



Ease of Maintenance

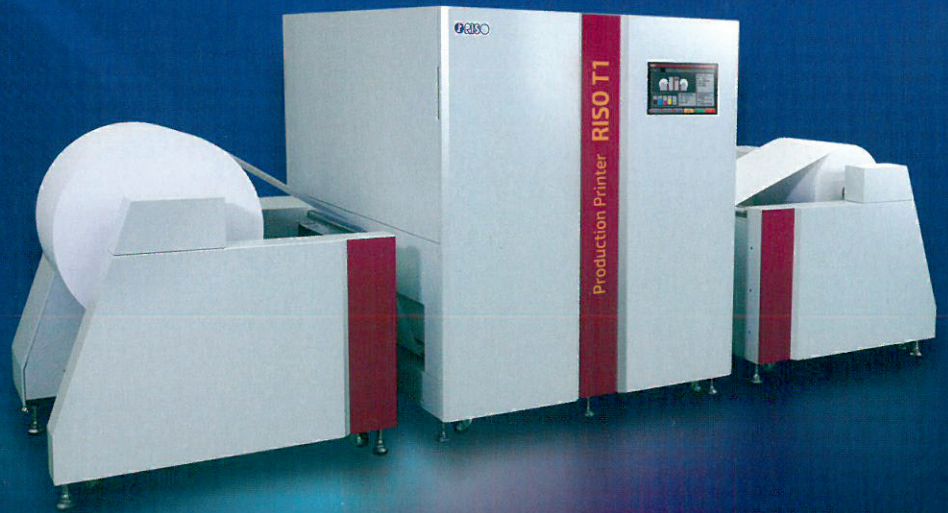
A simple structure enables efficient paper loading and consumable replacement. Maintenance can be done with ease, increasing uptime and productivity.



Boost your data printing business

The highly productive and economical RISO T1 will boost your profitability by increasing your data printing business opportunities.

Production Printer RISO T1



Quick Dry Ink

RISO's newly developed Quick Dry Ink provides **vibrant colors with high density, drying instantly on uncoated paper.** A simple structure is also enabled thanks to a feature of the new ink that it **does not easily dry out in the device.**

Water-based ink



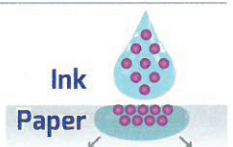
Capping of the print head is needed when idle to prevent print head nozzles from drying out.

Quick Dry Ink



No capping of the print head is needed when idle, allowing the device to be a simpler structure.

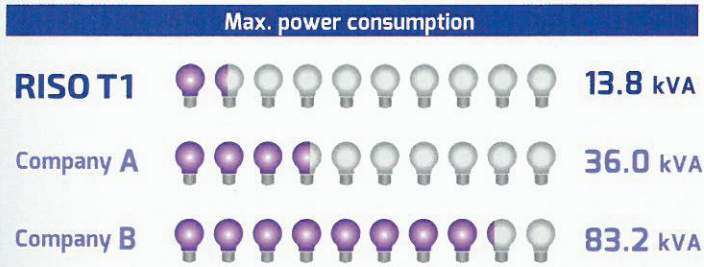
Ink pigments fix instantly onto the paper surface.





Ecology & Economy

The combination of the newly developed Quick Dry Ink and RISO's unique inkjet technology, which was amassed in developing office printers, achieve energy saving operation by eliminating the ink drying/cooling unit usually applied in inkjet printers. Moreover, paper waste can be reduced by optimizing the paper feed route.



Reliable

Installation of a contact image sensor* within the printer enables recording of the print quality and details in the log file. It can be used for job verification, providing a record to the customer of what was printed. *Optional feature



*A RISO Remote Agent contract is also available for high quality maintenance by sending the printer's operating condition information to RISO's maintenance server via the Internet.

Easy Operation

Economical Benefits

High Quality

The RISO T1 offers a combination of **easier operation**, **more economical benefits** and **higher quality** for both transaction and direct mail applications.

Envisioned uses

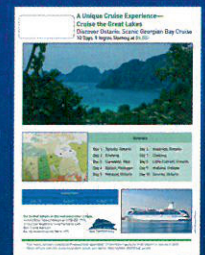
- As a full-color printer to enhance the value of data printing
- As an entry model of continuous feed printer
- As a machine to supplement a large continuous feed printer



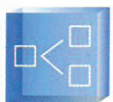
Transaction



Transpromo



Direct mail



Various Work Flows

The RISO T1 controller supports AFP (IPDS), the global standard page description language for mainframes, as well as PDF and PostScript, enabling a variety of workflows to be handled. Various in-line system devices, such as paper feeders, paper rewinders, and perforators can also be connected. To streamline the cut sheet workflow, a paper cutter unit is also available.

Workflow integration

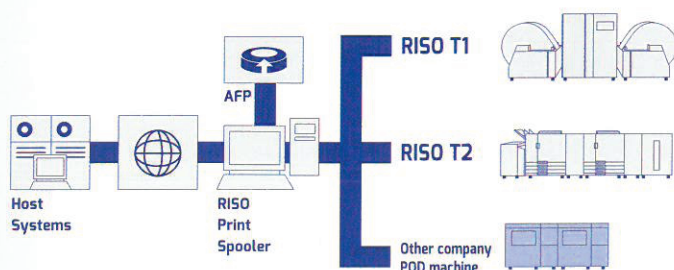
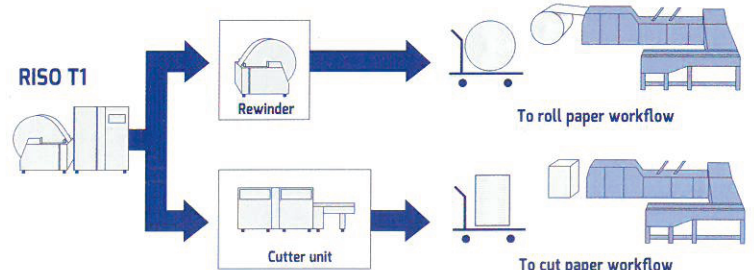


Image of post-processing linkage



Production Printer RISO T1

Concept Model



Specifications

Technology

Print type	Line-type inkjet system (piezo drop on-demand)
Ink	Quick Dry Ink C/M/Y/K+1 10 L per color
Print speed	42m/min (565ipm/duplex A4)
Gradation	4 levels
Resolution	600x600dpi

Papers

Paper feed method	Roll
Paper output	Roll
Paper width	200mm ~ 520mm
Paper weight	64 ~ 157g/m ²
Paper type	Plain paper, matte IJ paper
Max. print width	507mm

Interface

Data format	AFP/IPDS, PDF, PS
Protocols supported	TCP/IP
Network interface	Gigabit Ethernet, 10 Gigabit Ethernet

Required Space and Weight

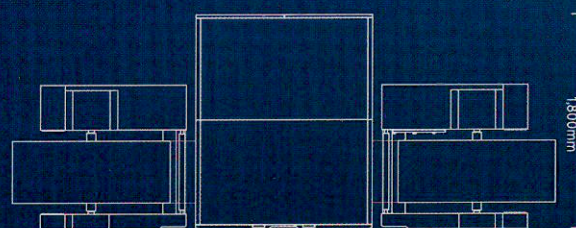
Dimensions (whole system)	4,080mm (W) × 1,800mm (D) × 1,700mm (H)
Dimensions (printing part)	1,480mm (W) × 1,800mm (D) × 1,700mm (H)
Weight (whole system)	2,080 kg
Weight (printing part)	1,320 kg

Operational Environment

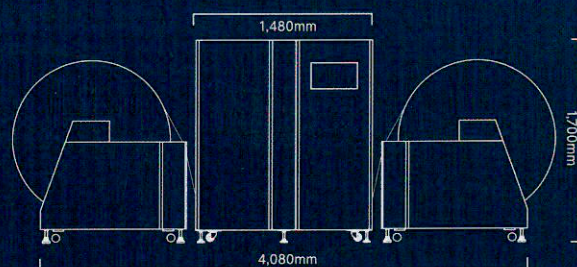
Power supply	Single phase 200 V
Power consumption	Max.: 13.8 kVA
Operating environment (temperature)	15 ~ 30°C
Operating environment (humidity)	40 ~ 70%(non-condensing)

Dimensions

Top View



Front View



*RISO T1 is a concept model, so specifications and designs herein may change before actual product release.