Options

RISO CV Drum B4

RISO Job Separator

Dimensions

[When in use]

515 mm (20 9/32")

1280 mm (50 13/32")

[When stored]

505 mm (19 7/8")

665 mm (26 3/16")

Specifications

Master-making/Printing Methods	High-speed digital master-making/fully automatic printing
Original Type	Sheet
Original Size (min./max.)	90 mm x 140 mm to 310 mm x 435 mm (3 17/32" x 5 1/2" to 12 7/32" x 17 1/8")
Original Paper Weight	50 gsm to 107 gsm (13-lb bond to 29-lb bond)
Original Paper Capacity	Approx. 10 sheets (64 gsm to 80 gsm (17-lb bond to 21-lb bond))/Maximum height 1 mm (3/64")
Scanning Area (max.)	297 mm x 435 mm (11 11/16"x 17 1/8")
Printing Paper Size (min./max.)	Minimum size: 100 mm x 148 mm (3 15/16" x 5 13/16") Maximum size: 297 mm x 420 mm (11 11/16" x 16 17/32")
Paper Supply Capacity	Approx. 1000 sheets (64 gsm to 80 gsm (17-lb bond to 21-lb bond)/Maximum height: 110 mm (4 11/32")
Paper Receiving Capacity	Approx. 800 sheets (64 gsm to 80 gsm (17-lb bond to 21-lb bond)/Maximum height: 90 mm (3 17/32")
Printing Paper Weight	50 gsm to 157 gsm (13-lb bond to 42-lb bond)
Image Processing Mode	Line, Photo, Duo, Pencil
Scanning Resolution	300 dpi x 600 dpi
Printing Image Resolution	300 dpi x 600 dpi (600 dpi x 600 dpi: Perforation density on the master)
Master-making Time	Approx. 35 seconds or less (for B4 originals/short edge feed/100% reproduction ratio)
Printing Area (max.)	In units of mm: 251 mm x 357 mm (9 7/8" x 14 1/16") In units of inches (when printing on legal size paper): 210 mm x 349 mm (8 9/32" x 13 3/4")
Print Reproduction Ratio	In units of mm (100% reproduction ratio) Standard reproduction ratio (enlargement): 141%, 122%, 116% Standard reproduction ratio (reduction): 94%, 87%, 82%, 71% In units of inches (100% reproduction ratio) Standard reproduction ratio (enlargement): 154%, 129%, 121% Standard reproduction ratio (reduction): 94%, 78%, 65%, 61%
Print Speed	60 to 130 sheets per minute (five steps variable)
Print Position Adjustment	Vertical: ±10 mm (±13/32") Horizontal: ±10 mm (±13/32")*[1]
Ink Supply	Fully automatic (800 ml per cartridge)
Master Supply/Disposal	Fully automatic (200 sheets per roll)
Master Disposal Capacity	Approx. 30 sheets
User Interface	LCD panel
Computer Connection	USB PC Interface
Optional Accessories	Color Drum (Cylinder), Job Separator
Operating Noise	Max. 68 dB(A) (when printing 100 sheets per minute in the operator position)
Power Source*[2]	AC 100-120 V/220-240 V, 50-60 Hz <2.0 A/1.0 A>
Power Consumption	Max. 200 W At Ready: 15 W or less At Sleep: 10 W or less
Functions	Image Processing Mode (Line/Photo/Duo), Pencil, Enlargement/Reduction, Scanning Level, 2up, Auto Process, Proof, Print Position, Speed, Program (A/B), Confidential, Custom Setting Mode, Direct Printing, USB Flash-via-Printing, Consumables Information, Energy Saving Mode (Auto Sleep/Auto Power-OFF), RISO i Quality System
Dimensions	When in use: 1280 mm (W) x 655 mm (D) x 515 mm (H) (50 13/32" (W) x 25 25/32" (D) x 20 9/32" (H)) When in storage: 665 mm (W) x 655 mm (D) x 505 mm (H) (26 3/16" (W) x 25 25/32" (D) x 19 7/8" (H))
Required Space	1280 mm (W) x 1255 mm (D) x 845 mm (H) (50 13/32" (W) x 49 13/32" (D) x 33 9/32" (H))
Weight*[3]	Approx. 65 kg (144 lb)
Safety Standards	IEC-60950-1 compliant, indoor, pollution degree 2*[4], at altitudes of 2000 m or lower

Notes
- Please note that due to improvements and changes to the machine, some images and explanations in this brochure may not correspond to your machine.
- Specifications are subject to change without prior notice.

*1 If the width of the paper surpasses 277 mm (10 29/32"), the horizontal print position adjustment width narrows depending on the width of the paper.
*2 To switch between 100-120 V and 220-240 V, contact your dealer (or authorized service representative).
*3 The weight does not include the ink and master.
*4 The pollution degree of the usage environment due to dirt and dust in the air. Degree "2" corresponds to a general indoor environment.

RISO CV3230

B4 size

High-speed 130 ppm printing

High-quality 300 dpi x 600 dpi

Easy-to-use LCD panel

Direct USB flash drive printing

Convenient USB PC connectivity

Creating Value

Delivering what customers value for sophisticated, yet convenient and cost-effective printing

For more details please contact:

High value contained in an incredibly compact design!

Considerable experience in varied markets provides RISO with insights on customer requirements across the world.

CV3230 from RISO is the result of these valuable insights and RISO's in-house R&D.

It provides all the benefits that our customers desire including cost- and time-saving combined with ease of operation, superior print quality and a user-friendly design.

The CV3230 delivers Customer Value, like no other equipment in its class.

Value 1 Cost-efficient and time-saving

Value 2 Convenient and easy operation

Value 3 Excellent print quality

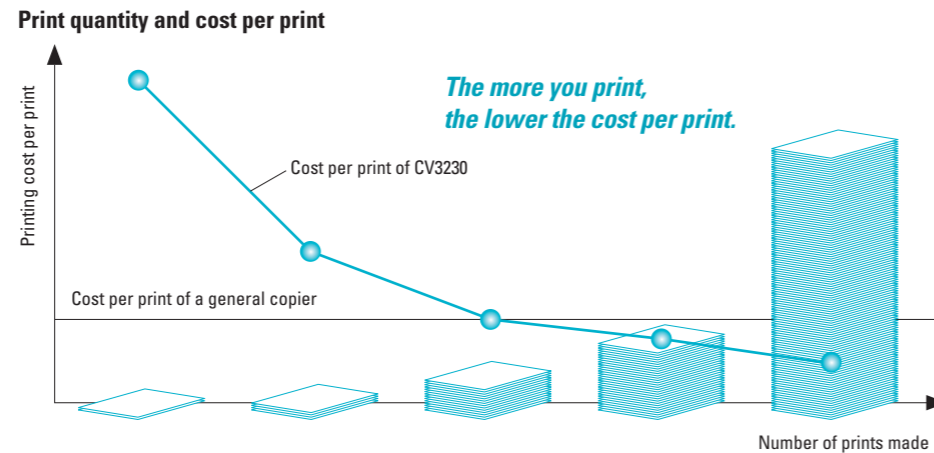**Value 4** Design that makes a difference

RISO CV3230

Ready to Print
90%   90%
Black

WAKE UP

Cost-efficient and time-saving

Convenient and easy operation

The CV3230 increases printing efficiency

◉ Savings in print costs

The CV3230 makes prints from a master. As a result, the more pages generated from each master the lower the cost per print, making it highly economical for medium- to high-volume printing.

Print quantity and cost per print

The more you print, the lower the cost per print.

Cost per print of CV3230

Cost per print of a general copier

Printing cost per print

Number of prints made

◉ High-speed printing of 130 ppm

The CV3230 provides high-speed printing of up to130 ppm which means 500 pages in less than 4 minutes.

Time required to print 500 pages

General B&W Photocopiers/Laser Printers	**13 minutes**
CV3230	**4 minutes**

◉ Adequate paper capacity

The paper trays have a capacity of approx. 1000 sheets for feeding and approx. 800 sheets for receiving, which ensures uninterrupted printing over a longer period.

Note: The paper capacity depends on paper type.

Designed with the customer's needs in mind

◉ Easy-to-operate LCD panel

The 128 x 64 dot LCD panel is clearer to view and easier to operate than ever before.

◉ Convenient PC connectivity via USB

Inbuilt USB PC interface enables easy connection to a PC.

◉ Direct printing with a USB flash drive

You can print directly from the data saved in a USB flash drive. This is convenient when the machine is not connected to a PC or network. Also, printing directly from original data ensures better printing quality.

◉ Auto Document Feeder (ADF)

Instead of feeding sheets individually, the ADF enables approx. 10 sheets to be fed automatically.

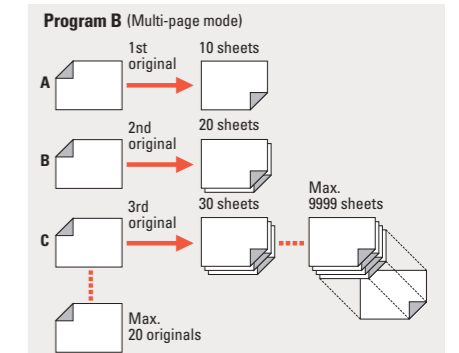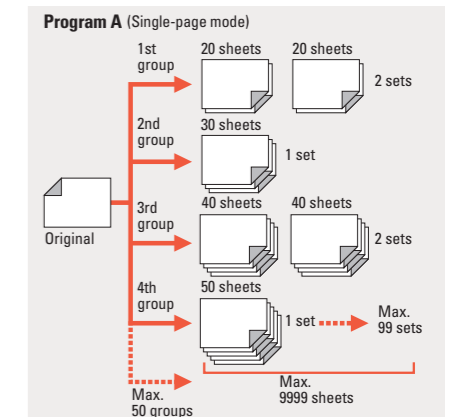Note: The paper capacity depends on paper type.

◉ Easy access to the print drum

Changing ink color is simple yet effective to emphasize the original. The design allows quick and easy removal and replacement of the print drum. This helps minimize interruption at busy times.

◉ Versatile program print

For example, you can print question papers for three different classes, A, B and C that contain different numbers of students. Simply set up the program, place the three original tests in the ADF and press [START] key — you'll automatically receive the required numbers of each individual test.

Program A (Single-page mode)

Original

1st group — 20 sheets — 20 sheets — 2 sets
2nd group — 30 sheets — 1 set
3rd group — 40 sheets — 40 sheets — 2 sets
4th group — 50 sheets — 1 set — Max. 99 sets
Max. 50 groups — Max. 9999 sheets

Program B (Multi-page mode)

A — 1st original — 10 sheets
B — 2nd original — 20 sheets
C — 3rd original — 30 sheets — Max. 9999 sheets
Max. 20 originals

Value 3

Excellent print quality

Achieved through RISO's cutting-edge technologies

Improved image processing and resolution provide unmatched print quality at this price point
High-quality printing is achieved by using a higher-resolution thermal head which is normally employed in higher models. The new light source delivers improved color reproducibility of Red and Bright Red. Also the tonality and resolution have been improved at the highlight range thanks to the enhanced error-diffusion processing.

300 dpi x 300 dpi   300 dpi x 600 dpi
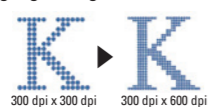
Clear reproduction of fine details
With enhanced resolution, even fine details can be clearly reproduced retaining legibility while preventing moiré.

Quality output from various types of originals
Four image-processing modes: Line, Photo, Duo, and Pencil are selectable.

Ink color variations
A range of colors can meet the needs of a variety of print jobs.

Auto base control
Automatically compensates for newspaper originals or originals made on recycled paper, removing the background greyness so your output always has a clear, white background.

Versatile paper handling capability
The CV3230 accepts a wide range of paper types including recycled paper.

Three enlargement and four reduction settings
Easy operation with preset buttons. Just press your required size, it's fail-proof.
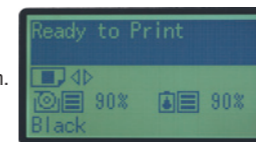
Value 4

Design that makes a difference

User-oriented design for extended use

Displays residual capacity of supplies
The display shows the residual capacity of supplies, thus avoiding an out-of-stock situation.

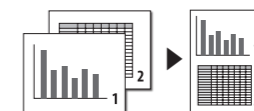Ready to Print
90% 90%
Black

RISO i Quality System
Recognizes master and ink information by two-way communication with attached RF tag and adjusts the performance automatically. This contributes to quality stability and improvement. It also supports inventory control of consumables.

RISO i Quality System
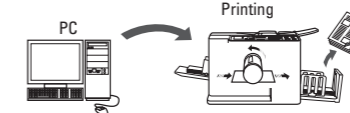
The RISO i Quality mark indicates a RISO product compatible with the RISO i Quality System.

Paper saving
- 2-Up printing
Reduces paper by printing two originals onto one sheet of paper.
- Direct printing
No need to prepare an original before printout. Direct data processing prevents paper wastage.

PC   Printing

Eco-friendly
- ENERGY STAR® certified
- Complies with the ErP directive in Europe
- Consumes less power and produces less heat
The CV3230 consumes much less power for printing than general B&W photocopiers/laser printers.
- Energy-saving system
With the introduction of auto power shut-off and auto sleep functions, the CV3230 supports energy saving.

ENERGY STAR
WAKE UP

Safety and durability
The CV3230 inspires confidence by delivering the same level of durability and operational safety that RISO is known for worldwide.

High-quality RISO consumables
RISO is the only company to develop and manufacture both the machine and consumables in-house, thus assuring consistent and high-quality output.

RISO MASTER CV B4 (200 sheets per roll)
RISO INK CV BLACK (800 ml per cartridge)
RISO INK CV COLOR (800 ml per cartridge)

RISO MASTER CV B4

RISO INK CV BLACK

Ergonomic design

Intuitive operation
The new operation panel is designed for intuitive operation, making it user-friendly. The left-to-right keyboard layout provides fluent operation; for initial setting, master-making and printing.

Compact
New design, smooth lines and a compact body result in reduced size and bulk, to fit in even a limited space.

Simple and stylish
The CV3230's simple and stylish design makes changing the drum very easy.