

Specifications

Master-making/printing methods	High-speed digital master-making/full automatic printing
Original Type	Book (10 kg or less), sheet
Resolution	Scanning resolution: 600 dpi × 600 dpi
	Printing image resolution: 300 dpi × 600 dpi
Original Size (min./max.)	When using the Glass Platen: 50 mm × 90 mm – 310 mm × 432 mm
	When using the Auto Document Feeder AF-VI:II (option): 100 mm × 148 mm – 310 mm × 432 mm
	When using the Auto Document Feeder DX-1 (option): 105 mm × 128 mm – 297 mm × 432 mm
Original Paper Weight	When using the Auto Document Feeder AF-VI:II (option): 50 gsm – 128 gsm
	When using the Auto Document Feeder DX-1 (option):
	Single-sided feeding: 40 gsm – 128 gsm
	Duplex-sided feeding: 52 gsm – 105 gsm
Printing Paper Size (min./max.)	Minimum size
	– Dual-Color Print 182 mm × 257 mm
	– Mono-Color Print (with Print Drum 1) 100 mm × 148 mm
	– Mono-Color Print (with Print Drum 2) 182 mm × 257 mm
	Maximum size
	320 mm × 432 mm*
	*Paper up to 555 mm from top to bottom may be used in the Extended Paper mode.
Paper Supply Capacity	Approx. 1,000 sheets (80 gsm) /Maximum Height 110 mm
Paper Receiving Capacity	Approx. 1,000 sheets (80 gsm) /Maximum Height 110 mm

Printing Paper Weight	46 gsm – 210 gsm
Image Processing Mode	Line, Photo (Standard/Portrait/Group), Duo (Line/Photo/Shadow off), Pencil (Darker/Lighter)
Master-making Time (for A4/short edge feed/ 100% reproduction ratio)	Approx. 57 seconds (for Dual-Color print)
	Approx. 24 seconds (for Mono-Color print (Drum 1))
	Approx. 34 seconds (for Mono-Color print (Drum 2, when Print Drum 1 is not set))
Printing Area (max.)	291 mm × 413 mm
Print Reproduction Ratio	Zoom: 50 – 200%
	Standard reproduction ratio (enlargement): 163%, 141%, 122%, 116%
	Standard reproduction ratio (reduction): 87%, 82%, 71%, 61%
	Margin+: 90 – 99%
Print Speed	60 – 120 sheets per minute (Control panel: five steps variable)
	150 sheets per minute (Touch panel: “High Speed”)
Print Position Adjustment	Vertical: ±15 mm
	Horizontal: ±10 mm
Ink Supply	Fully automatic (1,000 ml per cartridge)
Master Supply/Disposal	Fully automatic (approx. 220 sheets per roll)
Master Disposal Capacity	80 sheets per box
User Interface	LCD Touch Panel with Progress Arrow indicators
Operating Noise	Max. 66 dB(A) (when printing 100 sheets per minute)
Power Source	AC 100-240 V, 50-60 Hz <7.3-3.0 A>
Power Consumption (without option)	Max. 600 W (100 V) / 580 W (220 V)
	At Ready: approx. 53 W (100 V, 220 V)

	At Sleep: approx. 2 W (100 V, 220 V)
Functions	Print Mode (Dual-color/Mono-color), Auto Document Feeder (optional), Direct Print, Scanning Contrast (Manual/Auto), Paper Size detection, Auto- Process, Dot Process (4 types), Contrast Adjustment, Tone Curve, Ink Saving, Multi-Up Print (2 up/Single-Original/ Multiple-Original/Multi-Up Tickets), Layout, Book Shadow, Top Margin, Binding Margin, Max. Scan, Easy 2-Color, Preview, One Side Master Make, Print Speed Adjustment, Print Density Adjustment, Print Position Adjustment, 1=2 Alignment, Proof, Double Feed Check, Interval Printing, Jump Wing Control, Special Paper Control, User Management, Programmed Printing (3 types), Job Memory, Confidential mode, Reservation, Idling, Renew Page, Output Reversal, ADF Semi-Auto (with optional ADF unit installed), Scanning Side (with optional ADF DX-1), Rotate, ID Counter Report, My Direct Access, Admin. Mode, Auto 90° Rotation, SW. Color, Energy Saving Mode (Auto Sleep, Auto Power-OFF), Editor, Direct Access Entry, Selections Entry, Custom Paper Entry, Protect, Scan Mode (with optional memory card or USB Flash Drive), Storage memory (with optional memory card), USB Job List (with USB Flash Drive), Overlay (with optional memory card or USB Flash Drive), Stamp, Management of Consumables, RISO i Quality System
Dimensions	When in use: 1,625 mm (W) × 735 mm (D) × 740 mm (H)
	When in storage: 1,005 mm (W) × 735 mm (D) × 740 mm (H)
Required Space*1	1,715 mm (W) x 1,330 mm (D) x 1,555 mm (H)
Weight*2	Approx. 170 kg
Safety Standard	IEC-60950-1 compliant, Indoor, pollution degree 2*3, At altitudes of 2,000 m or lower

Note:

Please note that due to improvements and changes to the machine, some images and explanations in this manual may not correspond to your machine.

The specifications are subject to change without prior notice.

*1 The height includes the height of the RISO stand D type (II).

*2 The weight does not include Ink and Master.

*3 The pollution degree of the usage environment due to dirt and dust in the air. Degree "2" corresponds to general indoor environment.