1–1–1 Specifications

Copier type ..... Console
Copying system ..... Dry, indirect electrostatic system
Originals ..... Sheets and books (maximum size: A3/11" × 17")
Original feed system ..... Fixed
Copy paper ..... Plain paper: 60 - 80 g/m^2 (for large paper deck or cassette feed)
45 - 200 g/m^2 (for bypass feed)
Special paper:OHP film, transparencies and colored paper
Note: Use the bypass for special paper.
Copying sizes ..... Maximum size: A3/11" x 17"
Minimum size: A6R/ $5^1/_2$" × $8^1/_2$"
Magnification ratios ..... Manual mode: 50 - 200%, 1% increments
Auto copy mode: fixed ratios determined by the original and copy paper sizes
[Metric]
1:2.000/1:1.730/1:1.630/1:1.410/1:1.270/1:1.220/1:1.150/1:1.100/1:1.060/1:0.910/1:0.900/1:0.860/1:0.810/1:0.770/1:0.750/1:0.700/1:0.650/1:0.640/1:0.610/1:0.570/1:0.520/1:0.500
[Inch]
1:2.000/1:1.540/1:1.290/1:1.210/1:0.780/1:0.770/1:0.730/1:0.640/1:0.600/1:0.500
Copy speeds ..... (1) 100% magnification without RDH
[Metric]
A4: 51 copies/min.
A3: 25 copies/min.
B4: 33 copies/min.
[Inch]
11" × $8^1/_2$": 50 copies/min.
11" × 17": 25 copies/min.
$8^1/_2$" × 14": 33 copies/min.
(2) 100% magnification with RDH (A4/11" × $8^1/_2$")
1-side original copies(not included 1st copy)
50 copies/min.
10 continuous copies from 1-side original(included 1st copy)
: 48 copies/min.
First copy time ..... 100% magnification without RDH, A4/11" × $8^1/_2$", right large paper deck, manual exposure: Approx. 3.2 s
100% magnification without RDH, A4/11" × $8^1/_2$", right large paper deck, automatic exposure: Approx. 3.9 s
100% magnification with RDH, A4/11" × $8^1/_2$", right large paper deck, manual exposure: Approx. 3.9 s
Warm-up time ..... 240 s or less (room temperature 20°C/68°F, 65% RH)
Energy saver time:30 s or less

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Paper feed system ..... (1) System
Large paper deck, 2 drawers and bypass
(2) Large paper deck
Capacity:3000 sheets (1500 sheets × 2) (80 g/m²)
Paper size:A4/11" × 8 1/2"
(3) Drawers
Capacity:550 sheets each (80 g/m²)
Maximum paper size: A3/11" × 17"
Minimum paper size: A5/ 5 1/2" × 8 1/2"R
Paper size detection function (inch models only)
(4) Bypass
Capacity:100 sheets (80 g/m²), 30 sheets (200 g/m²)
Maximum paper size: A3/11" × 17"
Minimum paper size: A6R/ 5 1/2" × 8 1/2"R
Paper size detection function
Multiple copying ..... 1 - 999 copies
Photoconductor ..... a-Si (drum diameter 84 mm)
Charging system ..... Double corona charging (drum potential: 820 V DC)
Exposure system ..... Slit exposure
Lens ..... Fixed-focal lens
Light source ..... Halogen lamp (300 W)
Developing system ..... Dry process, magnetic brush
Developer: 2-component
(ferrite carrier:N28D, black toner:N28T)
Toner density control: toner sensor
Toner replenishing: automatic from a toner hopper
Transfer system ..... Transfer belt, 4.0 kV DC, 50 μA
Separation system ..... Transfer belt
Fixing system ..... Heat roller
Heat source: halogen heaters
Main 920 W, sub 570 W (220 - 240 V AC)
Main 800 W, sub 500 W (120 V AC)
Control temperature:195°C/383°F
Abnormally high temperature protection devices: 180°C/
356°F thermostats × 2
Fixing pressure: 200 N
Charge erasing system ..... Exposure by cleaning lamp
Cleaning system ..... Cleaning blade and cleaning brush
Functions ..... (1)Self-diagnostics
(2)Simulation
(3)Auto clear (0 - 270 s, in intervals of 30 s)
(4)Preheat/energy saving
(5)Automatic exposure
(6)Original size detection
(7)Photo mode
(8)Automatic paper selection
(9)Margin shift function
(10)Border erase function

(11)Automatic magnification selection
(12)Interrupt copy
(13)Duplex copy
(14)Split copying
(15)Auto selection
(16)Program function
(17)OHP + PPC copying
(18)2 in 1 function
(19)Skip mode
(20)Exceptions mode
(21)Change language function
(22)Program ahead mode
(23)Weekly timer
(24)Department control

Power source ..... 220 - 240 V AC, 50/60 Hz, 10 A
120 V AC, 60 Hz, 15.5 A

Power consumption ..... Rated:2300 W(220-240 V AC), 1860W (120 V AC)
Stabilization driving:1705 W(220- 240 V AC), 1520 W(120 V AC)
During copying:2037 W(220-240 V AC), 1628 W(120 V AC)

Dimensions ..... 685 mm(W) × 752 mm(D) x 1128 mm(H)
27"(W) × $29^5/_8$"(D) × $44^3/_8$"(H)

Weight ..... Approx. 194 kg/427 lbs.

Floor requirements ..... 1380 mm(W) × 752 mm(D)
$54^5/_{16}$"(W) × $29^5/_8$"(D)

Accessories ..... Paper size sheet, special paper for program ahead mode, Original tray, Original cover

Options ..... Key counter, sorter, key card (inch models only)

Duplex unit

Paper ..... Plain paper: 64 - 80 g/m^2
Special paper: colored paper

Paper sizes ..... Maximum paper size: A3/11" × 17"
Minimum paper size: A5R/ $5^1/_2$" × $8^1/_2$"R

Capacity ..... 50 sheets of 80 g/m^2

Power source ..... Electrically connected to the copier

RDH unit

Original feed system ..... Automatic feed

Original type ..... ADF / RADF mode: 50 - 160 g/m^2
RDH mode: 50 - 110 g/m^2

Original sizes ..... Maximum paper size: A3/11" × 17"
Minimum paper size: A5R/ $5^1/_2$" × $8^1/_2$"R

Original capacity ..... *A3, B4/11" × 17", $8^1/_2$ × 14": 30 sheets (64 - 80g/m^2)*
A4, A4R, A5R/11" × $8^1/_2$", $5^1/_2$" × $8^1/_2$R"
: 50 sheets (64 - 80g/m^2)

Power source ..... Electrically connected to the copier