



KONICA MINOLTA

## MULTIFUNCTION GETS MINIMIZED

Meet the magicolor® 1680MF Konica Minolta's newest and smallest color laser all-in-one. With a height of only 14.8", this compact multitasker features professional-quality printing, copying and scanning all in one small package. Don't let its size fool you, this desktop dynamo delivers 20 ppm B&W and 5 ppm color. It also features 1200 x 600 dpi resolution and Simitri® HD Polymerized toner for bold graphics and crisp text page after page. Designed with the user in mind, supply replenishment is a snap with a convenient front access panel and an easy to read display. Streamline your office by combining three essential business functions—print, copy and scan into one compact solution, the magicolor 1680MF, the smart choice for today's professionals.



DO BUSINESS BETTER

20 PPM 5 PPM

CONNECT

COMMUNICATE

CONTROL

## magicolor 1680MF

- ▶ BRILLIANT 1200 X 600 DPI PRINT QUALITY
- ▶ DESKTOP FRIENDLY SIZE SEAMLESSLY FITS INTO ANY WORKSPACE
- ▶ STATE OF THE ART SIMITRI HD POLYMERIZED TONER FOR AMAZING COLOR
- ▶ FAST PRINT SPEEDS OF 20 PPM B&W AND 5 PPM COLOR
- ▶ DEPENDABLE 35,000 PRINT-PER-MONTH DUTY CYCLE
- ▶ LOW ACOUSTIC NOISE LEVELS FOR ZERO DISTURBANCES
- ▶ CONVENIENT FRONT ACCESS PANEL FOR QUICK SUPPLY REPLACEMENT
- ▶ VERSATILE SCAN-TO-FILE FORMATS INCLUDING PDF, TIFF & JPEG
- ▶ MULTIPLE COPY SETTINGS FOR COMPLETE CUSTOMIZATION
- ▶ SIMPLE CONTROL PANEL LAYOUT FOR EASY NAVIGATION

### magicolor 1680MF

- FULL COLOR
- PRINTER
- COPIER
- SCANNER



The essentials of imaging



# magicolor 1680MF

## GENERAL SPECIFICATIONS

### PRINT

**PRINT METHOD:**  
Electrophotographic Laser, 4-Cycle Print System

### PRINT SPEED\*:

Monochrome: 20 ppm  
Color: 5 ppm  
\*Exact print speed differs depending on system configuration, software application, driver and document complexity.

### WARM-UP TIME:

Average 30 seconds

### FIRST-PAGE OUTPUT TIME:

Monochrome: 11 seconds  
Color: 20 seconds

### RESOLUTION:

1200 x 600 dpi

### MONTHLY DUTY CYCLE:

Maximum: 35,000 prints

### COPY

#### COPY SPEED\*:

Monochrome: 21 cpm  
Color: 3.5 cpm  
\*Exact print speed differs depending on system configuration, software application, driver and document complexity.

#### FIRST-PAGE OUTPUT TIME:

Monochrome: 23 seconds  
Color: 52 seconds

#### RESOLUTION:

600 x 600 dpi  
600 x 300 dpi

#### COPY SETTINGS:

Density (7 Steps)  
Reduce/Enlarge (25 - 400%)  
Number of copies (1-99)  
Quality (Text/Photo/Mix, Normal/Fine)  
ID card copy, Poster copy, Repeat copy

#### SCAN

##### SCANNER TYPE:

Flatbed

##### SCAN SPEED:

Monochrome: 10 opm  
Color: 3.3 opm

##### RESOLUTION:

600 x 600 dpi

##### COLOR DEPTH:

8-bit RGB

##### SCAN SIZE:

Platen Glass: A4, Letter

##### SCAN DESTINATION:

USB

##### SCAN DRIVERS:

TWAIN and WIA (Windows only)  
TWAIN (Macintosh only)

##### SCAN-TO-FILE-FORMATS:

PDF, TIFF, JPEG

##### SCAN UTILITIES:

LinkMagic (Windows only)  
ScanSoft PaperPort 11 SE (Windows only)

### HARDWARE AND SOFTWARE CAPABILITIES

#### PROCESSOR:

ASIC (IALE3)

#### MEMORY:

64 MB

#### OPERATING SYSTEM COMPATIBILITY:

Windows Vista  
Windows Vista x64  
Windows XP  
Windows XP x64  
Windows Server 2003  
Windows Server 2003 x64  
Windows 2000  
Macintosh OS X 10.2+

#### PRINTER EMULATIONS:

Host-based, GDI

#### PRINTER MANAGEMENT:

Local Setup Utility

#### COLOR SUPPORT:

Quick-click Color Matching

#### HOST SYSTEM REQUIREMENTS

400 MHz Pentium II with 128 MB RAM  
256 MB free disk space  
CD-ROM/DVD drive

#### INTERFACE SUPPORT

USB 2.0

#### PAPER HANDLING

##### STANDARD PAPER INPUT:

200-sheet tray\*  
\*Dust cover optional

##### STANDARD PAPER OUTPUT:

100-sheet face-down output bin

##### PRINT DUPLEXING:

Manual two-sided printing

##### PAPER SIZES SUPPORTED\*:

200-sheet tray:  
Letter  
Legal  
Executive  
Folio  
Govt. Letter  
Govt. Legal  
Letter Plus  
Statement  
A4, A5, A6  
B5, B6  
Custom sizes (plain paper):  
(W) 3.6"-7.24" to (L) 8.5"-14"  
(W) 91-184 mm to (L) 216-356 mm  
Envelopes: B5 (ISO), C6, DL

\*See Konica Minolta Media Guide for more information

##### PRINTABLE AREA:

0.16" (4.2 mm) from all edges  
0.63" (16 mm) from bottom margin of legal pages when printing color

##### PAPER WEIGHTS:

Plain paper: 16-24 lb. Bond (60-90 g/m<sup>2</sup>)  
Thick Stock: Up to 110 lb. Index (91-209 g/m<sup>2</sup>)

##### PRINT MEDIA:

Plain Paper  
Letterhead  
Recycled Paper  
Thick Stock  
Laser Quality Labels  
Envelopes  
Postcards

#### PHYSICAL

##### TYPE:

Laser printer, 4-cycle

#### DIMENSIONS (WXDXH):

16.0" x 16.9" x 14.8"  
(405 x 427 x 375 mm)

#### WEIGHT:

33 lb. (15 kg) - w/o consumables  
42 lb. (19.2 kg) - w/ consumables  
50.5 lb. (22.9 kg) - as shipped

#### ELECTRICAL

##### POWER REQUIREMENTS:

120 VAC, 50/60 Hz  
220/240 VAC, 50/60 Hz

##### POWER CONSUMPTION:

Operating:  
1060 W max.  
560 W or less B&W  
410 W or less color  
Standby: 170 W or less  
Sleep Mode: 14 W or less

#### ENVIRONMENTAL

##### TEMPERATURE REQUIREMENTS:

Operating: 50° to 95° F (10° to 35° C)  
Non-Operating: 0° to 95° F (0° to 35° C)

##### HUMIDITY:

Operating: 15% to 85% RH  
Non-Operating: 30% to 85% RH

##### NOISE LEVELS:

Operating: ≤52 dB(A)  
Standby: ≤32 dB(A)

##### REGULATORY/SAFETY CONFORMITY:

UL, cUL, CSA, FCC-B, CDRH

##### CONSUMABLES\*:

In-Box Toner-  
Cyan, Magenta, Yellow (yield up to 500 pages @ 5% coverage)  
Black (yields up to 1,000 pages @5% coverage)  
Replacement Toner-  
Cyan, Magenta, Yellow (yield up to 1,500 or 2,500 pages @ 5% coverage)  
Black (yields up to 2,500 pages @5% coverage)  
Drum Cartridge-  
Includes OPC Drum and Waste Toner Box (yields up to 45,000 B&W/11,250 color pages - continuous printing)  
Fuser Unit-  
(yields up to 50,000 pages - continuous printing)

\*The stated life expectancy of each consumable is based on printing under specific operating conditions such as page coverage for a particular page size (5% coverage of letter/A4). The actual consumable's life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, and ambient temperature and humidity.

##### TYPEFACES:

Compatible with all Windows and/or TrueType® fonts printed via Windows GDI

##### WARRANTY:

1-year

#### GO GREEN WITH SIMITRI HD.

WHEN PRODUCED, SIMITRI HD EMITS 40% LESS CO<sub>2</sub>, NO<sub>2</sub> AND SO<sub>2</sub> THAN CONVENTIONAL PULVERIZED TONERS. IT ALSO OPERATES AT A MUCH LOWER TEMPERATURE – SAVING ENERGY UP TO 15% MORE ENERGY WHILE DELIVERING SMOOTHER IMAGES AND SHARPER TEXT PAGE AFTER PAGE.



**VERSATILE & COMPACT.**  
DESPITE BEING THE SMALLEST MULTIFUNCTION COLOR LASER EVER OFFERED FROM KONICA MINOLTA THIS COMPACT AIO EASILY SUPPORTS A WIDE VARIETY OF MEDIA SIZES AND TYPES, INCLUDING ENVELOPES AND THICK STOCK UP TO 14".



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Mixed Sources

Product group from well-managed forests and recycled wood or fiber  
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