



KONICA MINOLTA

## MEET YOUR NEW OFFICE ASSISTANT

Consolidate your office essentials with the magicolor 1690MF. This desktop all-in-one provides print, copy, scan and fax functionality in one small package. This multitasking color laser is the smallest ever offered from Konica Minolta. At only 17" tall it won't compete for desktop space. Despite its compact size, the magicolor 1690MF quickly delivers 20 ppm B&W and 5 ppm color. It's packed with user-friendly design features including a large, easy to read display, and a front access panel for quick toner replacement. An automatic document feeder makes copying, scanning or faxing multi-page documents a breeze. It also comes equipped with Simitri® HD Polymerized toner which ensures smoother, more natural images and sharper text while saving 15% more energy. Space-saving design, quality results and user-friendly features make the magicolor 1690MF the last office assistant you'll ever need.



DO BUSINESS BETTER

20 PPM 5 PPM

CONNECT\_

COMMUNICATE\_

CONTROL\_

## magicolor 1690MF

- ▶ SMALL FOOTPRINT FITS INTO ANY SIZE OFFICE
- ▶ QUICK PRINT SPEEDS OF 20 PPM B&W AND 5 PPM COLOR
- ▶ ACOUSTIC OPERATING NOISE LEVEL LESS THAN 52 DB(A)
- ▶ BOLD, CONSISTENT COLOR WITH SIMITRI HD POLYMERIZED TONER
- ▶ 700-SHEET MAX. PAPER CAPACITY WITH 500-SHEET OPTIONAL TRAY
- ▶ AUTOMATIC DOCUMENT FEEDER FOR MULTI-PAGE COPIES, SCANS & FAXES
- ▶ 33.6 KBPS SUPER G3 FAX CAPABILITY
- ▶ VIVID 1200 X 600 DPI PRINT QUALITY
- ▶ CONVENIENT FRONT PANEL FOR INCREASED ACCESSIBILITY
- ▶ 35,000 PRINT-PER-MONTH DUTY CYCLE

## magicolor 1690MF

- \_ FULL COLOR
- \_ PRINTER
- \_ COPIER
- \_ SCANNER
- \_ FAX



The essentials of imaging



# magicolor 1690MF

## 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)

##### AUTOMATIC DOCUMENT FEEDER:

35 sheets, up to 8.5" x 14" (216 x 356 mm)

##### PC FAX

PC Fax Driver Included

### FAX

**FAX SPEED:**  
33.6 Kbps Super G3

### FAX RESOLUTION:

Standard (203 x 98 dpi)  
Fine (203 x 196 dpi)  
Super Fine (203 x 392 dpi)

### FAX MEMORY:

6 MB

### COMPRESSION:

MH/MR/MMR/JBIG

### AUTO REDUCTION:

Yes

### DIALING:

Speed Dials: 220  
Group Dial: 20 groups; 50 stations/group  
Broadcast: 255 stations

### HARDWARE AND SOFTWARE CAPABILITIES

#### PROCESSOR:

ASIC (IALE3)

#### MEMORY:

128 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:

PageScope Net Care Device Manager  
PageScope Web Connection  
PageScope Network Setup  
Local Setup Utility  
Remote 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  
Ethernet (10/100BaseTX)  
USB 1.1 Host Port

#### NETWORK PROTOCOLS

TCP/IP, ARP, Ping, DHCP, AutoIP, BOOTP, FTP  
HTTP, HTTPS, IPP1.1, LPD, SLPv2, SMTP,  
SNMP, DNS, Bonjour, IPv4, POP3, LDAPv3

#### PAPER HANDLING

**STANDARD PAPER INPUT:**  
200-sheet tray

#### OPTIONAL PAPER INPUT:

500-sheet tray

#### STANDARD PAPER OUTPUT:

100-sheet face-down output bin

#### OPTIONAL PRINT DUPLEXING:

For 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  
500-sheet lower feeder unit (optional):  
Letter or A4  
Duplexer:  
Letter  
A4  
\*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 17.0"  
(405 x 427 x 432 mm)

### WEIGHT:

41.5 lb. (18.8 kg) - w/o consumables  
46 lb. (20.8 kg) - w/ consumables  
53.5 lb. (24.4 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, Energy Star

### 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

**LOOK FOR THE ENERGY STAR**  
AS AN OFFICIAL ENERGY STAR PRODUCT, THE MAGICOLOR 1690MF USES ENERGY MORE EFFICIENTLY, SAVES YOU MONEY ON UTILITY BILLS AND HELPS PROTECT THE ENVIRONMENT.



**EASE OF USE.**  
THE MAGICOLOR 1690MF FEATURES A LARGE, EASY TO READ DISPLAY WITH FRONT ACCESS FOR THE STRAIGHT-FORWARD EXCHANGE OF CONSUMABLES. THE ADF MAKES COPYING OR FAXING MULTI-PAGE DOCUMENTS FAST AND SMOOTH.



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**Mixed Sources**

Product group from well-managed forests and recycled wood or fiber  
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Item #: MC1690MFSS  
01/09