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
Automatic Document Feeder

SCAN SPEED:
Monochrome: 20 opm
Color: 3.3 opm

RESOLUTION:
600 x 600 dpi

COLOR DEPTH:
8-bit RGB

SCAN SIZE:
Platen Glass: A4, Letter

SCAN DESTINATION:
Scan to Email (Ethernet),FTP, SMB, 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 7
Windows 7 x64
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/m²)
Thick Stock: Up to 110 lb. Index (91-209 g/m²)

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: 32° 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.