

HL-3070CW

Consumables - TN230CMYK/ DR230CL

Compact High Speed Wireless Colour Printer



### Copy

Forget waiting around for your colour printouts – with up to 16 superb quality colour pages per minute you'll have your documents in no time. There's no fiddly wiring either, with wireless networking so it's easier for everyone to use. Add features like a big 250-sheet paper tray and what more could a small office want?

### Catalogue Spec

- Space saving, reliable and fully featured colour printer makes this idea for small offices
- Fast mono and colour printout speed of 16ppm
- Easy and secure wireless connection gives you the freedom to work anywhere
- Wired network ready
- large 250 sheet paper meaning less time spent filling the tray
- Built-in LCD screen allows PIN protected secure printing
- 12 months warranty and lifetime telephone/ web support
- Energy Star certified meaning low energy usage

## Detailed Spec

### General

Technology	Electrophotographic LED Printer (single pass)
Processor	NEC VR5500 300MHz
Print Speed	16 pages per minute colour & mono
Resolution	2,400 x 600dpi*** (2400dpi quality), 600 x 600dpi
Interface	Hi-Speed USB 2.0 / Built in 10/100 Base-TX Network / Wireless LAN IEEE802.11b/g (Infrastructure Mode/Adhoc mode)
Wireless Security	WEP 64/128, WPA-PSK (TKIP), WPA2-PSK (TKIP&AES), LEAP, EAP-Fast
Network Protocols	TCP/IP (IPv4 and IPv6) ARP, RARP, BOOTP, DHCP, APIPA(Auto IP) WINS, NetBIOS name resolution, DNS Resolver, mDNS, LLMNRresponder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, APOP, POP before SMTP, SMTP-AUTH SNMPv1/v2c/v3, ICMP, LLTD responder, WebServicesPrint, SSL/TLS
IPv4	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, APOP, POP before SMTP, SMTP-AUTH SNMPv1/v2c/v3, ICMPv6, LLTD responder, WebServicesPrint, SSL/TLS
IPv6 (off by default)	
Memory	64MB (Expandable up to 576MB, using industry standard 1 x SO-DIMM (144 PIN) slot)
First Print Out Time (Colour)	Less than 16 seconds
First Print Out Time (Mono)	Less than 15 seconds
Warm Up Time (From Sleep)	Less than 30 seconds
Emulation	PCL®6, BR-Script3
PCL® Resident Fonts	66 scalable fonts, 12 bitmap fonts, 13 bar codes
BR-Script3 Resident Fonts	66 Fonts

### Control Panel

LCD Display	1-line, 16 characters (backlit, green)
LED's	There are two LED's, data and error
Buttons	There are 7 buttons, +, -, OK, Back, Secure Print, Go, Cancel

### Printer Driver

Windows®	Printer Driver for Windows® 2000 Professional, XP Home Edition, XP Professional (32 & 64 bit editions), Windows Server® 2003/2008 (32 & 64 bit editions), Windows Vista®
Macintosh®	Macintosh Printer Driver for Mac OS X 10.3.9 or greater
Linux	Linux printer driver for CUPS printing system(x86 , x64 environment), Linux printer driver for LPD/LPRng printing system(x86 , x64 environment).

### Printer Driver Functions

N-up Printing	Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page
Poster Printing †	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
Watermark Printing †	Watermark your documents with predefined text or with your own user-defined messages
Booklet Printing †	Print documents in A5 Booklet format using manual duplex
Secure Print †	Protect your print jobs with a pin number, enter the pin number at the machine to print the documents
Reprint †	Quickly reprint the last print job sent to the machine by pressing the Reprint key
Quick Print Set-up	Allows users to quickly select print options in the driver
Colour Restrict †	Colour restriction tool from printer driver

### Security

Secure Function Lock	Reduce printing costs by controlling access to the device by user and/or specify the amount of pages each user can print in colour or mono pages.
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### Network Management Utilities

BRAdmin Light	For setup and LAN management
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### Web Downloadable Network Management Utilities - <http://solutions.brother.com>

BRAdmin Professional	By web download for LAN management
Web BRAdmin	By web download for LAN/WAN management
Web Based Management	A printer and print server management through the web

### USB Direct Interface

Pictbridge	Print directly from a PictBridge enabled Digital Camera
USB Direct Interface	Print & Scan directly from/to USB Flash Memory Drive
File Formats	PDF version1.7, JPEG, Exif + JPEG, PRN(created by HL-3070CW series printer driver), TIFF(MH/ scanned by Brother model)

### Paper Handling

Paper Input**	Standard Tray: 250 sheets Manual Feed Tray: 1 sheet Optional Lower Tray: N/A
Paper Output**	Face Down: 150 sheets Face Up: 1 sheet
Manual Duplex	Yes

### **Media Specifications**

Media Types	Standard Tray: Plain paper, Thin Paper, Recycled Paper Manual Feed Slot: Plain paper, Thin Paper, Thick Paper, Recycled Paper, Bond, Label, Envelope
Media Weights	Standard Tray: 60 – 105g/m <sup>2</sup> Manual Slot: 60 – 163g/m <sup>2</sup>
Media Sizes	Standard Tray: A4, Letter, ISOB5, A5, A5(Long Edge), ISOB6, A6, Executive, Legal, Folio Manual Slot: Width (76.2 – 220mm) x Length (116.0 x 406.4)

### **Supplies**

Mono Toner (K)	TN-230BK: Standard yield of 2,200*
Colour Toners (C,M,Y)	TN-230C: Standard yield of 1,400* TN-230M: Standard yield of 1,400* TN-230Y: Standard yield of 1,400*
Drum	DR-230CL: 15,000 A4 pages (one page per job) (4 separate drums 1 each for CMYK)
Belt Unit	BU-200CL: 50,000 A4 (one page per job)
Waste Toner Box	WT-200CL: 50,000 Pages @ 5% coverage for CMYK each

The frequency of replacement of consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media.

### **Accessories**

Memory expandable up to 576MB total using industry standard 144pin DIMM cards (Not available from Brother)

### **Dimensions & Weights**

Dimensions	409(W) x 466(D) x 250(H) mm
Weight	19.5 kg
Carton dimensions	555 (W) x 628 (D) x 460 (H) mm
Carton weight	23.5kg

### **Power Consumption**

Printing	Average 480w at 25c
Standby	Average 70w at 25c
Sleep	Average 10w at 25c

### **Sound Pressure Level**

Printing	Less than 53 dB
Standby	Less than 30 dB

### **Sound Power Level**

Printing [Colour]	Less than 6.34B
Standby	Less than 3.64B

### **Ecology**

Power Saving	This enables the printer to consume less energy when not in use.
Toner Saving	This reduces the toner usage and helps to reduce the total cost of printer ownership.

### **Duty Cycles**

Recommended	300 – 1,500 pages monthly print volume
Maximum	25,000 pages monthly print volume

### **Contents**

Mono Toner Cartridge (up to 1,000 pages\*)  
Colour Toner Cartridges (C,M,Y) (up to 1,000pages\*)  
Drum Unit (up to 15,000 pages) (one each for C, M, Y, K)  
Power Supply Cord  
Driver Software for Windows and Mac  
Quick Set-up Guide  
PC Interface cable **NOT** included

\* Cartridge yield is declared in accordance with ISO/IEC19798.  
\*\* Calculated with 80g/m<sup>2</sup> paper  
† Windows<sup>®</sup> only  
\*\*\* Vertical x Horizontal