

## Datasheet

### Laser Flatbed Multi-function Centre

With Automatic Duplex print capability and Network as standard

Laser Printer

Laser Copier

Laser Fax

Colour Scanner

#### CORE FEATURES

Attractive Flatbed Design  
Network - 10/100 Base-TX Ethernet as standard  
up to 50 sheet Multi-Purpose Tray  
up to 20 pages per minute copy and print speed  
250 sheet paper capacity + 250 sheet optional  
(LT-5000) with automatic lower tray detection  
up to 50 sheet auto document feeder  
32 MB standard memory with option to expand  
up to 160 MB with DIMM

#### LASER PRINTER

Windows® GDI  
PCL6 & BR-Script3(PostScript®3  
Language Emulation)  
Resident fonts: 49 scaleable fonts,  
Lettergothic 16.66 bitmap font,  
OCR-A & OCR-B  
HQ1200 (2400x600 dpi resolution)  
Parallel and Hi-Speed USB2.0  
interface  
Automatic Duplex Printing

#### LASER COPIER

up to 99 multi-copies with sort and  
stack features  
zoom 25% - 400% in 1% increments  
2 in 1 and 4 in 1 reduction  
Poster enlargement  
Manual Duplex Copy



#### LASER FAX

Dual Access  
33.6k bps super G3 modem  
up to 500 pages out of paper  
reception (ITU-T Chart/JBIG/Standard Resolution)  
40 one-touch dials  
300 speed dials  
Memory Security  
Error Correction Mode  
PC fax (Send & Receive\*)  
\*Send only for Mac OS®

#### COLOUR SCANNER

Scan from flatbed or ADF  
up to 600 x 2,400 dpi resolution  
(optical)  
up to 9600 x 9600 dpi resolution  
(interpolated)  
48 bit internal colour depth (24 bit  
external)  
'Scan' key for e-mail, image, OCR and  
file\*  
Twain(WIA\*\*) Compliant  
\*For Windows® Only  
\*\*For Windows® XP

## Features

### General

Engine	Laser
Modem Speed	33,600 bps
Transmission Speed	2 seconds (Brother #1 Chart, JBIG)
ITU-T group compatibility	Super G3
Data Compression	MH / MR / MMR / JBIG
Input / Output Width	148-216 / 70-220 mm
Input / Output Height	148-356 / 116-406 mm
ADF ( Auto Document Feed )	Up to 50 sheets
LCD Display Size	5 lines of 22 characters with Back-lit Display
On-Screen Programming	Step by step prompts are displayed within the LCD in order to facilitate programming machine options and settings
Backup for clock	up to 4 days
Standard Memory Capacity	32 MB (RAM)
Optional Memory	Expandable up to 160 MB using 100 pin DIMM
Memory Backup	Up to 4 days
Memory Security	Allows prevention of unauthorised access to the fax machine
Simultaneous Operation	(Print/Fax), (Print/Copy), (Print/Scan)
On / Off Switch	Yes

### Printer

Speed	Simplex Duplex	Up to 20 pages per minute Up to 9 pages per minute (4.5 sheets)
Resolution		HQ1200 (2400 x 600 dpi)
Paper Capacity (Standard)		Up to 250 sheets can be stored in the paper tray
Paper Capacity (Optional)		Up to 250 sheets can be stored in the optional paper tray (LT-5000)
Output Paper Capacity		Up to 150 sheets can be stored in the output paper tray
Paper Handling Size		LTR / LGL / A4 / B5 / A5 / B6 / A6 / Exe
Standard Print Language		Windows® GDI
Emulation		PCL6 & BR-Script 3(PostScript®3 Language Emulation)
Resident Fonts		49 Scaleable fonts, Letter Gothic 16.66 Bitmap font, OCR-A and OCR-B
Printer Driver		Windows® 98(SE)/Me/2000/XP, Windows NT® 4.0WS, Mac OS® 8.6-9.2/ OS X 10.1/10.2.1-10.3 or greater
Secure Print		Print jobs can be password protected and printed only when the individual password is entered

### Fax

Automatic Redial	Automatic redialling if the recipient fax is busy
One-Touch Dials	Auto dialling of a pre-stored number performed by the touch of one key, 40 locations (2 x 20)
Speed Dials	Auto dialling of pre-stored number by entry of a three digit number (300 locations)
Group Dial	A combination of up to 6 one-touch and telephone index numbers can be stored on a one-touch key for broadcasting
Telephone Index	An electronic, alphabetical listing of stored One-Touch, Speed Dial and Group numbers
Chain Dialling	Allows the user to store parts for long dialling sequences in different One-Touch or Speed Dial locations
Station ID	This is the stored information that appears on the top of faxed pages
Remote Maintenance	Allows a call centre to maintain a users fax machine without leaving the office
FAX / TEL Switch	Automatic recognition of Fax and Telephone reception
Distinctive Ring Detection	A service purchased from the Telephone Company that allows two or more telephone numbers to share a single fixed line, the function enables the machine to provide a different ring tune for each number. Available only for UK and Denmark
Speaker / Ring volume	3 Steps and off
Super Fine	Enables quality transmission and reception of very small print and line drawings
Grey Scale	64 levels
Contrast	This allows the user to change the contrast between Auto / light / dark
Delayed Timer	Up to 50
Polling	This feature enables a machine to request another machine to send information on demand
Quick-Scan (Memory Transmission)	Reduce scanning times by scanning a fax into memory before sending. Approximately 2 seconds per page
Out of Paper Reception	Up to 500 pages (ITU-T Chart/JBIG/Standard Resolution)
Broadcasting	Send the same fax message to up to 390 separate locations (Groups, One-Touch, Speed-Dial numbers and up to 50 manually dialled numbers)
Batch Transmission	Stores documents for the same location in the machines memory for transmission in a single call
Auto Reduction	When receiving a single page document between 297mm and 350mm long the fax machine will automatically reduce the message to fit onto a single A4 sheet
ECM ( Error Correction Mode )	Where machines share the ECM feature, detects line errors during fax transmission and resends the page(s) of the document that had an error
Dual Access	Allows the user to dial a number, and begin scanning the fax into memory-even when the MFC is receiving, sending or printing a fax from memory.
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number
PC Fax send & receive	Sends & receives faxes direct from / to your PC. Send only for Mac)
Remote Access	Allows the user to remotely access their machine by using another touch tone phone
Fax Retrieval	Allows the user to retrieve fax messages using another touch tone machine
Internet fax	Standard on Network model. ITU-T T.37 Simple Mode
Duplex fax receive	This enables the machine to print on both sides of recording paper when receiving multiple page fax messages

## Features

### Copy

Speed	Up to 20 copies per minute
Resolution	Maximum 1200 x 600 dpi
Multi-Copying / Stack / Sort	Makes up to 99 copies of each page / Stacks or Sorts
Enlargement/Reduction Ratio	Reduce or Increase document sizes from 25% to 400% in 1% increments.
N in 1 Copying	Allows the user to compress 2 or 4 pages on to a single A4 sheet.
Poster enlargement	This feature allows the user to print the image in poster size
Manual Duplex Copy	Automatically duplexes single sided originals placed in the ADF

### Colour Scanner

Resolution (Optical)	600 x 2,400 dpi
Resolution (Interpolated)	9,600 x 9,600 dpi
Colour Depth	This model has a 48 Bit internal / 24 bit external Colour Scanner
Grey Scale	256 shades of grey are available for copying or scanning
Twain(WIA*) Compliant & Operating System	This model is Twain compliant for Windows®98(SE)/Me/2000/XP*, Windows NT®4.0/WS & Mac OS®8.6-9.2/ OS X 10.2.1-10.3 or greater
PCI Scanner (Parallel / USB)	This model has Parallel and Hi-Speed USB2.0 connections
'Scan' Key	Enables user to scan a document to e-mail, Image, OCR or file (For Windows® only)

### List / Report

Journal Report	Lists information about the last 200 incoming and outgoing faxes
TX (Transmission) Verification Report	Reports transmission details after each fax is sent
Electronic Cover-page	Generates a cover page at the recipients machine
Help List	By using the reports option, a list of basic operational steps and functions can be printed
Quick Dial list	Lists names and numbers stored in One-Touch and Speed Dial memory, in numerical order
System Set-up List	A printed report that shows the current setting of your machine.
Order form	An accessories order form can be printed for you to send to your Brother dealer by using the reports option and selecting Order Form.

### Page Counters (In system set-up – Available to view in LCD or print)

Total Print Pages	Informs the user of the total number of all pages produced from this machine
Copy Pages	Informs the user of the total number of copies made on this machine in pages
PC Print Pages	Informs the user of the total number of PC prints from this machine
Fax RX Pages	Informs the user of the total number of faxes received on this machine in pages

### Interface

External TAD Interface	Interface for connecting external telephone answering devices
Host Interface (IEEE1284)	Parallel cable port
Host Interface (Hi-Speed USB2.0)	Hi-Speed USB2.0 (Universal Serial Bus) port
Standard Network (10/100base-TX)	Network feature is standard on this model

### Weights and Measures

With Carton	(567mm width) x (628mm depth) x (575mm height)
Without Carton	(532mm width) x (444mm depth) x (469mm height)
With Carton	23.3 Kg
Without Carton	18.1 Kg (without consumables)

Power Consumption	Power Save:	with NC-9100h installed - 9 W or less
	Sleep:	with NC-9100h installed - 16 W or less
	Stand-by:	75 W or less
	Peak:	1090 W or less

### Supplies

Toner:	TN-3030 (3,500 pages with 5% coverage)
	TN-3060 (6,700 pages with 5% coverage)
Drum:	DR-3000 (20,000 pages @ 1 page per job)

### Optional Accessories

250 sheet paper tray	LT-5000
Memory	expandable up to 160 MB total using standard 100 pin DIMM cards (Not available from Brother)