

## Product range/positioning

The Xerox DocuColor 2060 NPS/IPS is a full color printing system, fully compatible with the IBM AFP Group 3 page printer with the Advanced Function Image and Graphics (AFIG) option. The DocuColor 2060 NPS/IPS is targeted for up to 100,000 impressions per month. Usage outside this range may vary the service frequency.

## Speed

Data can be printed at rates up to 60 pages per minute. Throughput rate can vary depending upon job complexity and system configuration.

## Resolution

600 by 600 spots per inch (spi).

## Paper handling

- 20 lb. (80 gsm) bond to 110 lb. (200 gsm) index cut-sheet weights
- Paper sizes:
  - 8.5 by 11 in. (216 by 279 mm) to 11 by 17 in. (216 by 432 mm), including A3
  - Trays 1 and 2: 12 by 18 in. (300 by 457 mm) SEF or 12.6 x 17.7 in. (320 by 450 mm) SEF, after the paper guides are removed by a Xerox service representative
  - Trays 3 and 4: 7.2 to 12.6 in. (183 to 320 mm) LEF or 7.2 to 19.2 in. (183 by 488 mm) SEF

### **Input:**

- Trays 1 and 2 : 550 sheet capacity of 24 lb. (90 gsm) bond paper
- Tray 3: 2200 sheet capacity of 24 lb. (90 gsm) bond paper
- Optional High Capacity Feeder (Tray 4): 2500 sheet capacity of 24 lb. (90 gsm) bond paper

### **Output:**

- Offset Catch Tray: 500 sheets of 24 lb. (90 gsm) bond
- Optional High Capacity Stacker: 3500 sheets of 24 lb. (90 gsm) bond, up to 50 sheets stitched, offset capability. Capacity may vary depending on the number of sheets stitched per set.
- Optional High Capacity Stitcher Stacker: 2000 sheets of 24 lb. (90 gsm) bond, offset capability. Can send output to offset catch tray or to the top tray.

## System control module (High performance Sun workstation)

The NPS/IPS printing system comes with the Sun Blade 1000 workstation.

**Note:** This configuration may change due to Xerox policy of staying abreast of current technology.

- Processor (system unit) containing:
  - Two UltraSPARC III 750 Mhz central processing unit (CPU) modules
  - 4 GB memory (four 1 GB DIMMs)
  - 36 GB hard disk drive
  - DVD-ROM drive
  - 3.5 inch diskette drive
- Keyboard and mouse
- Monitor
- Optional Token Ring board
- Two Printer Controller Interface (PCI) boards installed in the processor to interface with the print engine.

For channel connection to a host for IPDS printing, the system may use a channel interface board that is connected to a channel cable connector box.

An external 4 mm tape drive is available and recommended for backing up site files. A typical color calibration file is 1.5 MB.

A second internal 36 GB hard disk drive is optional, as are two additional external disks.

## Printer module

- Dry ink/toner cartridges: black, cyan, magenta, and yellow
- Touch screen and control panel
- Audio tones: attention, button selection, and fault

## PSF environment

The system operates in the following PSF environments:

- MVS
- VM (channel-attached only)
- VSE (channel-attached only)
- OS/2
- AS/400 (with TCP/IP only)
- AIX

## PDL compatibility

The system interprets the following text formats:

- PostScript level 1
- PostScript level 2
- PCL5e
- TIFF
- ASCII

## Space requirements

### **Controller:**

**Note:** The following is presented as an example of typical space requirements for Sun workstations.

Space requirements for the printer controller are 36 by 36 inches/ 91 by 91 cm.

- Processor
  - 25 in. deep by 10 in. wide by 17.75 in. high (63.5 cm by 25.4 cm by 45.1 cm)
- Monitor
  - 10 in. deep by 17.5 in. wide by 18.5 in. high (25.4 cm by 44.5 cm by 47 cm)
- Keyboard
  - 7.5 in. deep by 20 in. wide (19.1 cm by 50.8 cm)
- Channel interface board and channel cable connector box (for channel-attached systems)
  - 9.7 in. deep by 27.1 in. wide (24.6 cm by 68.8 cm)

### **Printer:**

Space requirements (physical hardware and required service area) for each of the printer configurations are:

- DocuColor 2060 NPS/IPS printer
  - 154.5 in. by 125 in. (390.5 cm by 316.7 cm)
- DocuColor 2060 NPS/IPS printer with HCF (tray 4)
  - 192.5 in. by 125 in. (487 cm by 316.7 cm)
- DocuColor 2060 NPS/IPS printer with HCS
  - 183.3 in. by 125 in. (464.3 cm by 316.7 cm)
- DocuColor 2060 NPS/IPS printer with HCF and HCS
  - 221.3 in. by 125 in. (560.6 cm by 316.7 cm)

For additional space/configuration options, refer to the *Xerox DocuColor 2060 NPS/IPS Installation Planning Guide* (Pub #721P90520).

## System connections

One of the following network communications systems may be used to transport documents from the client workstation to the printer:

- Ethernet LAN running TCP/IP, AppleTalk, or Novell NetWare network protocol software.
- Token Ring running TCP/IP or AppleTalk network protocol software
- Bus and tag channel connection, using a PCI board and control unit

**Note:** DocuColor 2060 does not support multiple network interfaces simultaneously.

## Special considerations

- Color toner detection by Optical Character Recognition (OCR) scanners is wavelength dependent.
- Appearance of a very small, white transition region between solid color and solid black images is common to tri-level xerographic printing.
- Transference of the black toner to poly-vinyl surfaces is a common occurrence; color toner does not transfer.
- Print quality is guaranteed to a range of three to four millimeters for edge marking and six millimeters for text printing to the edge of the page.
- Xerox carbonless paper is approved for DocuColor 2060 only. Refer to the Xerox Supplies Catalog for the reorder numbers.
- Appearance of very small spots is a common occurrence on all xerographic printers. Consult your Xerox service representative for details on acceptable spot occurrence specifications.

## Environmental requirements

- Operating temperature:
  - Recommended: 72° +/- 4° F (22° +/- 2° C)
  - Min./Max.: 60° to 80° F (15.5° to 26.7° C)
- Humidity:
  - Recommended: 45% +/- 10% RH
  - Min./Max.: 30% to 65% RH
- Heat Dissipation (System Control Module): Max. 1,100 BTU/hour
- Heat Dissipation (Printer Module):
  - Standby mode (50/60 Hz): Max 9,100 BTU/hour
  - Operating mode (50/60 Hz): Max 14,980 BTU/hour

## Electrical requirements

- System Control Module (60 Hz):
  - 115 or 220 VAC
  - 15 amp service (for 115 VAC, NEMA 5-15R or ANSI C73, 11R)
  - 0.8 KVA rating
- System Control Module (50 Hz):
  - 100-240 VAC +/- 10%
  - 15 amp service (power connection per local codes/regulations)
  - 0.8 KVA rating
- Printer Module (60 Hz):
  - 120/208 or 120/240 VAC
  - 30 amp service (NEMA 14-30R)
  - 5.5 KVA rating (Operating mode)
- Printer Module (50 Hz):
  - 220, 230, 240 VAC
  - 30 amp service (power connection per local codes/regulations)
  - 5.5 KVA rating (Operating mode)

## Supplies

Xerox Color	Reorder # (US)	Reorder # (XE)	Reorder Quantity	Expected Yield (Prints/Carton)
Dry Ink, Black	6R975	6R90289	1	36,000 - 30% (7.5% per color) 25,000 - 45% (11.25% per color) 19,000 - 60% (15% per color)
Dry Ink, Cyan	6R976	6R90290	1	58,000 - 30% (7.5% per color)
Dry Ink, Magenta	6R977	6R90291	1	39,000 - 45% (11.25% per color)
Dry Ink, Yellow	6R978	6R90292	1	29,000 - 60% (15% per color)
Developer, Black	5R629	5R90246	1	100,000
Developer, Cyan	5R630	5R90247	1	100,000
Developer, Magenta	5R631	5R90248	1	100,000
Developer, Yellow	5R632	5R90249	1	100,000
Fuser Oil	8R3993	8R4004	1	200,000
Waste Dry Ink Container	8R12662	8R90352	1	50,000

### Notes:

- Dry Ink yield projections are based on 15 percent area coverage per color (4 colors = 60 percent) at standardized conditions on 8.5 x 11 inch Xerox Digital Color Brightwhite 94 (previously Xerox Color Xpressions) 24 lbs (90 gsm) and Colotech+ 24 lbs (90 gsm) reference paper.
- Actual yields vary greatly, depending on color intensity, area coverage, paper stock, and run mode selected.

## Xerox DocuColor 2060 NPS/IPS

### Customer Information

### Quick Reference Card

The Xerox DocuColor 2060 NPS/IPS is a full color printing system.