## Product range/positioning

The Xerox DocuPrint 92C NPS is a highlight color network-connected production printing system for the client/server environment. The DocuPrint 92C NPS is targeted for 250K-1.3 million impressions per month. Usage outside this range may vary the service frequency.

## Speed

Data can be printed at rates up to 92 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 by 10 in. (203 by 254 mm) to 8.5 by 14 in. (216 by 356 mm), including A4

**Input:**
- Main Tray (Tray 1): 1000 sheet capacity of 20 lb. (80 gsm) bond paper
- Auxiliary Tray (Tray 2): 500 sheet capacity of 20 lb. (80 gsm) bond paper
- High Capacity Feeder (Optional): Two additional 1000 sheet 20 lb. (80 gsm) bond input feeders

**Output:**
- Dual Stacker: Each tray holds 750 sheets of 20 lb. (80 gsm) bond with offset capability
- Sample Tray: 100 sheets of 20 lb. (80 gsm) bond
- Stitcher/Stacker: 2000 sheets of 20 lb. (80 gsm) bond, up to 50 sheets stitched, offset capability. Capacity may vary depending on the number of sheets stitched per set.

## System control module
### (High performance Sun workstation)

**Note:** This configuration may change due to Xerox policy of staying abreast of current technology.
- 512 MB RAM
- Rigid disk drives:
  - 4.2 GB primary disk drive
  - Up to three additional disk drives in increments of 4 or 9 GB
- 1.44 MB 3.5-inch diskette drive
- Internal CD ROM
- 4 mm DAT SCSI tape drive (optional)
- 21-inch color monitor
- Type 4 or 5, 107-keyboard

## Printer module

- No throughput degradation for highlight color printing
- Simultaneous exposure of both black and color images for excellent registration
- Black dry ink (permanent) plus one color Customer Changeable Unit (CCU) which will be either Red, Blue, Green, Cyan, Magenta, Cardinal, Royal, Ruby, Violet, or Brown
- Operator attention light

## System connections

Ethernet / Token Ring / FDDI:
- Novell
- TCP-IP
- Appletalk

## PDL compatibility

The system interprets the following text formats:
- PostScript level 1
- PostScript level 2
- PCL5c
- PCL5e
- ASCII

## Space requirements

**Controller**:

**Note:** The following data is accurate for the Sun Ultra 2 workstation and is presented as an example of typical space requirements for workstations.

Space requirements for the printer controller are 36 by 36 inches/ 91 by 91 cm.
- Processor
  - 17.5 in. deep by 17.5 in. wide by 5 in. high (44.5 cm by 44.5 cm by 12.7 cm)
- Monitor
  - 21 in. deep by 19 in. wide by 21 in. high (53.3 cm by 48.3 cm by 53.3 cm)
- 4 mm DAT SCSI tape drive (optional)
  - 12.25 in. deep by 7.5 in. wide by 2.75 in. high (31 cm by 19 cm by 7 cm)
- Keyboard
  - 7.5 in. deep by 20 in. wide (19.1 cm by 50.8 cm)

**Printer**:

Space requirements (physical hardware and required service area) for each of the printer configurations are:
- DocuPrint 92C printer with dual stacker
  - 164 in. by 106.5 in. (417 cm by 271 cm)
- DocuPrint 92C printer with stitcher/stacker
  - 162 in. by 106.5 in. (411 cm by 271 cm)
- DocuPrint 92C printer with high-capacity feeder and dual stacker
  - 186 in. by 106.5 in. (473 cm by 271 cm)
- DocuPrint 92C printer with high-capacity feeder and stitcher/ stacker
  - 184 in. by 106.5 in. (467 cm by 271 cm)

**Note:** Additional space (6 in. by 64 in. / 15 cm by 163 cm) is required in front of the printer for CCU cart operability.

For additional space/configuration options, refer to the *Xerox DocuPrint 92C NPS Installation Planning Guide* (Pub #721P8XXXX).

## 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 DocuPrint 92C 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$^o$ +/- 4$^o$ F (22$^o$ +/- 2$^o$ C)
  - Min./Max.: 60$^o$ to 80$^o$ F (15.5$^o$ to 26.7$^o$ 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)
  - 0.4 KVA rating
- System Control Module (50 Hz):
  - 100-240 VAC +/- 10%
  - 15 amp service (power connection per local codes/regulations)
  - 0.4 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, DELTA configuration (50 Hz):
  - 220, 230, 240 VAC
  - 30 amp service (power connection per local codes/regulations)
  - 5.5 KVA rating (Operating mode)

## Submitting 600 dpi jobs

To submit 600 dpi jobs on your Xerox DocuPrint 92C NPS, use one of the job submission methods described below.

**Note:** These methods are required only until the Common Client 2.3 driver becomes available.

1. Install the revised 4890 PostScript Printer Description (PPD) file from your NPS 1.6.1 system with the existing Common Client 2.1 driver (refer to the *Guide to Submitting Jobs from the Client*). This PPD file allows both models 4890 and 92C to utilize the 4890 driver with no limitation.

2. Install the Xerox INF file for use with the Microsoft PScript driver (refer to the *Guide to Submitting Jobs from the Client*), then use the native driver with the new PPD file (enhanced for DocuPrint 92C NPS).

   **Note:** Use this method when native 600 dpi is required but access to Xerox job ticketing is not required.

3. Install the Xerox INF file for use with the Microsoft PScript driver (refer to the *Guide to Submitting Jobs from the Client*), then use the native driver with the new PPD file and generate a PostScript (.ps) file. Finally, use DigiPath QuickPrint job submission client to submit your job. The job will be submitted to a 4890 printer.

   **Note:** Use this method when both native 600 dpi and Xerox job ticketing are required.

## Supplies

| Xerox Color | Reorder # (US) | Reorder # (XE) | Cartridges per Carton | Expected Yield (Prints/Carton) |
|---|---|---|---|---|
| Dry Ink, Black | 6R296 | 6R90193 | 6 | 180,000 |
| Dry Ink, Red | 6R297 | 6R90194 | 3 | 270,000 |
| Dry Ink, Blue | 6R754 | 6R90225 | 3 | 270,000 |
| Dry Ink, Green | 6R299 | 6R90196 | 3 | 270,000 |
| Dry Ink, Cyan | 6R755 | 6R90226 | 3 | 270,000 |
| Dry Ink, Magenta | 6R816 | 6R90227 | 3 | 270,000 |
| Dry Ink, Royal | 6R826 | 6R90232 | 3 | 270,000 |
| Dry Ink, Cardinal | 6R825 | 6R90231 | 3 | 270,000 |
| Dry Ink, Violet | 6R828 | 6R90243 | 3 | 270,000 |
| Dry Ink, Ruby | 6R827 | 6R90242 | 3 | 270,000 |
| Dry Ink, Brown | 6R842 | 6R90245 | 3 | 270,000 |
| Fuser Lubricant | 8R983 | 8R983 | 2 Tubes | 240,000 |
| Stitcher Wire | 8R1174 | 8R1174 | 1 Reel | 32,000 Staples |

**Notes:**

- Expected dry ink yield is based on a 5% black and 1.5% color area coverage. This yield will vary depending on area coverage of the application and darkness settings of the printer.
- Use only dry ink that is specified for use in the DocuPrint 92C printer even when printing non-colored jobs.
- Purchase of colored dry ink is required to operate your DocuPrint 92C NPS highlight color system.

  A small amount of colored dry ink is consumed even when printing non-colored jobs, except in the Black Executive mode.

  For further information on this topic, consult your local Xerox service representative.

## Reference material

- Refer to the *Helpful Facts About Paper* to help in selection of preprinted forms, perforated stock and labels.
- Refer to the *Highlight Color in Business Documents -- a Practical Guide* for information on how to leverage the business benefits of HLC documents.

# XEROX

# Xerox DocuPrint 92C NPS

## Customer Information

## Quick Reference Card

The Xerox DocuPrint 92C NPS is a highlight color printing system. Refer to this card for information on the Xerox DocuPrint 92C NPS.