# Installation Preparation Document (for physical installation of the product only)
# Xerox DocuTech 6155/6180

## Customer Support

The Xerox Customer Support Center is available to provide general information, answer questions, and take service calls. You can reach the Customer Support Center at the following toll-free phone number:
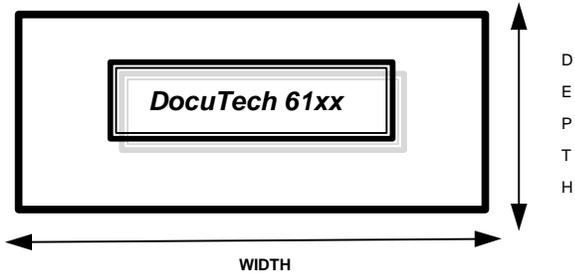
United States      1-800-821-2797

Your Xerox Analyst will provide fee-based training upon request.

## Space Requirements / Service Envelope

The components of the DocuTech 6180 system are:
- DocuSP Controller (monitor, keyboard, mouse)
- Printer



**WIDTH**

**Representation only.**

Note: The 6155 and 6180 are available with and without a stand to support the controller.  If a stand (098S04797) is ordered, it will be positioned to the left of the printer, within the service space envelope. If no stand is ordered, the controller will be placed on the floor to the left of the printer in the service space envelope.

Note:  The dimensions shown below provide the overall service space required, including the space to the nearest obstruction.  The dimensions are in *inches* and are absolute minimums

| Configuration | With stand | | Without stand | |
|---|---|---|---|---|
| | Width | Depth | Width | Depth |
| 6155, 6180 with interposer and finisher | 243.0" | 114.0" | 240.0" | 114.0" |

## Electrical Requirements – DocuTech 6155 / 6180

For the printer one (1) electrical service option is available – 2-phase, dual power cord.

| | MultiSource 2-phase, dual power cord configuration | |
|---|---|---|
| Voltage | 208/240 (4 wire) | 208/240 (4 wire) |
| Amperage | 50 | 30 |
| Cycles | 60 Hz | 60 Hz |
| Receptacle Xerox Part No. | 600S3779 | 600S3277 |
| Receptacle NEMA Part No. | 14-50R | 14-30R |
| Receptacle Diagram |  |  |
| Power Cord Kit Number | 98K59581 | |
| Power Cord Length | 15 feet | 15 feet |

## Electrical Requirements

**Digital Front End (DFE) Controller Platform:**

| Line Options: | Dedicated |
|---|---|
| Voltage | 110 |
| Amperage | 15 |
| Cycles | 60 Hz |
| 15 amp Receptacle Xerox Part No. 20 amp Receptacle Xerox Part No. | 600S3704 600S3703 |
| Receptacle NEMA Part No. | 5 - 20R or 5 - 15R |
| Receptacle Diagram |  or |

- *All controller configurations require a 110VAC, 15 Amp grounded receptacle for the outlet strip that provides receptacles for the controller and its peripheral devices (monitor, modem, CDROM drive, and tape drive)*
- *Adapters that eliminate the ground connection to the outlet can not be used.*
- Xerox provides 15 feet of cabling with Teflon coating (Plenum rated), to connect the controller to the Processor/Finisher.

## Environmental Requirements

| | Recommended | Min. | Max. |
|---|---|---|---|
| Temperature | $68^o$ F – $76^o$F ($20^o$ C-$24^o$ C) | $50^o$ F ($10^o$ C) | $85^o$ F* ($29^o$ C) |
| Humidity | 45% +/-10% | 30% RH | 60%  RH |
| Heat Emission – with Binder On (with processor, interposer, finisher and binder) | - | 14,185 BTU/Hr (with vent kit) | 22,165 BTU/Hr (Running) |
| Heat Emission – with Binder Off (with processor, interposer, finisher and binder) | - | 13,609 BTU/Hr (with vent kit) | 21,265 BTU/Hr (Running) |
| Altitude (above sea level) | Up to 6,000 ft. | - | 9,000 ft. |

* The system will inhibit software problems and shut down above 90 $^o$ F

**Please ensure electrical, space, and supplies are available prior to equipment delivery.**

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### Installation Considerations

- There should be a minimum of 78 inches (1,981mm) clearance from the floor to the nearest overhead obstruction.
- Dedicated power outlets are required. Ensure each power cord has a separate circuit that cannot be shared with other devices.
- Electrical outlet must be located within 13.1 feet of the equipment.
- Mobility Assist Device - The optional mobility assist device reduces the installation clearance required to 30 inches (760mm) at the processor end of the printer and 15 inches (380 mm) at the finisher end.
- For proper operation, the printer must be perfectly level. The floor must be level within 2 degrees in any direction. On floors less than 2 degrees out of level, installation personnel install a leveling kit to level the machine.
- If the floor is more than 2 degrees out of level, this condition cannot be corrected by the leveling kit. Another suitable location must be found for the printer to be installed properly.
- A minimum 50-inch clearance of exclusive operator area must be maintained in front of each component. This space cannot be shared.
- A minimum of 36 inches of clearance in the back of each component for general service clearance.

### Physical requirements

- The DocuSP Controller Monitor and Keyboard are designed to be positioned on top of the DocuTech 61XX printer. The controller platform is designed to either be mounted in a stand to the left of the printer, or to be positioned on the floor to the left of the printer

- *Warning: Due to safety requirements, under no circumstances should the user interface be visually separated from the printer module. All system installations must enable mobility of the user interface to within 30" (760 mm) of the printer for service and customer maintenance actions.*

### Operating Supplies

|  | Reorder No. | Impressions / Unit |
|---|---|---|
| Dry Ink | 6R206 | 220,000 / Carton [1] |
| Developer | 5R161 | 600,000 / Carton |
| Fuser Agent | 8R2955 | 250,000 / Bottle |
| Stitcher Wire | 8R1174 | 32,000 / Reel |
| Binder Tape - Black | 8R2928 | 425 Binds / Reel |
| Binder Tape - White | 8R3601 | 425 Binds / Reel |
| Binder Tape - Gray | 8R3602 | 425 Binds / Reel |
| Binder Tape - Blue | 8R3603 | 425 Binds / Reel |
| Binder Tape - Brown | 8R3604 | 425 Binds / Reel |
| Binder Tape - Red | 8R3824 | 425 Binds / Reel |

[1] Expected dry ink yield is based on 6% coverage on letter paper. Actual usage will vary widely with % area coverage, density settings, and paper size used.

The US supplies Marketing Center, 1.800.822.2200 is available for ordering all Xerox supplies, including paper and throughput material.

### Network Requirements

- The Ethernet interface on the DocuSP controller is a 10/100-MB/sec twisted pair standard (10BaseT).
- The Ethernet connection to the DocuSP controller must be compatible with the Institute of Electrical and Electronics Engineers (IEEE) 802.3 standard. (The physical form of this connector is RJ45 and must be correctly wired.)
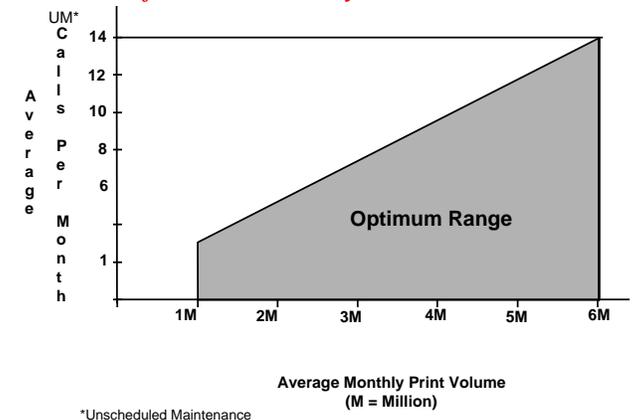- The DocuSP controller supports TCP-IP, SPX/IPX, and EtherTalk Link Access Protocol (ELAP) protocols if the proper gateways are installed on the controller.
- The DocuSP controller does not provide Novell Server network services. To use the SPX/IPX protocol, a Novell server installed on the network is required.
- A Xerox Token Ring solution is available for the 61XX family. When Token Ring is installed, it becomes a Token Ring **only** connectivity solution. The NetWare gateway and AppleTalk gateway will not function, and the built in Ethernet bge0 twisted pair interfaces are disabled. (Gigabit Ethernet is supported – some customers have asked for this option.)

### Telephone Requirements

A voice telephone line is required where the DocuTech 6155 or 6180 is installed.

Voice line will be used when the operator, administrator, or Xerox Service Personnel is asked to read the screen information from the DocuSP controller dialogs to Xerox Customer Support or Technical Support Center Personnel.

### Position / Performance at Maturity



**Average Monthly Print Volume (M = Million)**

*Unscheduled Maintenance

Note:
- This product is targeted for the 1.8 to 6.0 million impressions per month market segment. Usage above this range may result in a higher service frequency.
- Variables other than monthly print volume affect average number of service calls. Please contact your sales representative or Customer Service Engineer for more information.

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