# PDL Reference Guide for the Xerox Color 550/560 Customer Tip

## Accessing Extended Features

### Overview

This document enables you to access the extended features of the Xerox Color 550/560 in environments that do not have a custom print driver.

**Note:**  The commands and syntax used in this document requires familiarity with either PostScript (PS) or Printer Command Language (PCL).

This document provides the Printer Description Language (PDL) commands and syntax for each feature. The following items are also included:

- A PCL table that describes the PCL features the WorkCentre supports and the syntax to use the feature.

- A PS table that describes the PS features the WorkCentre supports and the syntax to use the feature.

This document is not intended to be a complete PS or PCL reference manual. It is a guide for using the PS and PCL commands with the Xerox Color 550/560. Refer to these sources for additional PS and PCL information:

- *PostScript* Language *Reference Manual, Third Edition*, ISBN 0-201-38922-8,

- *PCL5 Printer* Language *Technical Reference Manual* (http://h20000.www2.hp.com/bc/docs/support/SupportManual/bpl13210/bpl13210.pdf),

- *Printer Job* Language *Technical Reference Manual* (http://h20000.www2.hp.com/bc/docs/support/SupportManual/bpl13208/bpl13208.pdf), a Hewlett-Packard manual.

### Using this Guide

- Search the Feature Table to determine whether the feature you wish to use is supported.

- Follow across the table to find the syntax listed for the PDL examples shown. Reference the "Dependencies/Caveats" section when working with PS and/or PCL commands.

# PCL

The Xerox Color 550/560 supports PCL5e and PCL XL emulations that enable the features listed in the following table.

| Feature | Description |
|---------|-------------|
| Job Type | Indicates that the print job being sent is either a Normal Print job, Proof Print or a Secure Print job. |
| Media Size | The size of media on which to print a job. |
| Media Type | Specifies the type of paper stock to be used. |
| Media Source | Specifies the tray to supply the job's media. |
| Manual Feed | Used when a user wants to print a job on a paper that is not loaded in the machine. The job will be held until the paper is manually fed by the user at the machine. |
| Copy Count | Use this command to specify the number of uncollated sets of a document in a print job. |
| Duplex | Delivers two-sided output. |
| Toner Saver | Produce images that are rendered efficiently and printed at 600 dpi in a manner that minimizes toner consumption. |
| Resolution | Resolution used to image a job. |
| Banner Page | Turns on/off the banner sheet that prints at the beginning of every job. |

# PCL/PJL Implementation

The following table contains the PCL feature commands and shows the syntax required to use the feature. After the table are examples of how to use these commands and examples of a PCL file.

| Feature | Implementation | Values |
|---------|----------------|--------|
| Job Type | PROOF<br> @PJL SET HOLD=PROOF | |
| | SECURE PRINT<br>@PJL SET HOLD=ON<br>@PJL SET HOLDTYPE=PRIVATE<br>@PJL SET HOLDKEY="*number*"; | Where *number* is an encrypted string of 4 to 10 bytes long. |

| Feature | Implementation | Values |
|---|---|---|
| Media Size (PCL5e) | [esc]&l*value*A | Where *value* is one of the following:<br>216: Postcard (4" x 6")<br>26: A4 (210 x 297 mm)<br>91: Envelope C5 (162 x 229 mm)<br>92: Envelope C6 (114 x 162 mm)<br>80: Envelope Monarch (3.875 x 7.5")<br>90: Envelope DL (110 x 220 mm)<br>12: ISO  B5 (176 x 250 mm)<br>2: Letter (8.5 x 11")<br>78:Index Card<br>301: Oficio (216 x 343 mm)<br>3: Legal (8.5 x 14")<br>25: A5 (148 x 210 mm)<br>81: Envelope No. 10 (4.125 x 9.5")<br>45: JIS B5 (182 x 257 mm)<br>1: Executive (7.25 x 10.5")<br>44: 8.5 x 13"<br>41: Statement (5.5 x 8.5")<br>203: A6 (105 x 148 mm)<br>101: Custom Paper |
| Media Size (PCL 6) | [esc]&l*value*A | Where *value* is one of the following:<br>216: Postcard (4" x 6")<br>2: A4 (210 x 297 mm)<br>8: Envelope C5 (162 x 229 mm)<br>202: Envelope C6 (114 x 162 mm)<br>7: Envelope Monarch (3.875 x 7.5")<br>9: Envelope DL (110 x 220 mm)<br>0: Letter (8.5 x 11")<br>    :Index (76 x 127mm)<br>153: Oficio (216 x 343 mm)<br>1: Legal (8.5 x 14")<br>15: A5 (148 x 210 mm)<br>6: Envelope No. 10 (4.125 x 9.5")<br>11: JIS B5 (182 x 257 mm)<br>    :ISO B5 (176 x 250 mm)<br>3: Executive (7.25 x 10.5")<br>212: 8.5 x 13"<br>41: Statement (5.5 x 8.5")<br>17: A6 (105 x 148 mm)<br>101: Custom Paper |

| Feature | Implementation | | Values |
|---|---|---|---|
| Media Source | <ESC>&l*value*H | PCL 5 Commands:<br>Where *int* is one of the following:<br>   **0**: Auto-select Tray<br>   **1**: Tray1<br>   **4**: Tray2<br>   **2**: Bypass Tray<br><br>PCL 6 commands:<br>   Auto-select Tray: ubyte eAutoSelect MediaSource<br>   Tray1: ubyte eUpperCassette MediaSource<br>   Tray2: ubyte eLowerCassette MediaSource<br>   Bypass Tray: ubyte eMultiPurposeTray MediaSource | |
| Manual Feed | @PJL SET MANUALFEED = *value* | | Where *value* equals:<br>   ON<br>   OFF |
| Media Type | @PJL SET PAPERTYPE= *"value"* | | Where *value* equals:<br>Supported Values :<br>   OFF<br>   NORMAL<br>   OHP<br>   LABEL<br>   PUNCHED<br>   RECYCLED<br>   USED<br>   CARD<br>   HEAVYWEIGHT<br>   LIGHTWEIGHT<br>   BOND<br>   LETTERHEAD<br>   CUSTOM1<br>   CUSTOM2<br>   CUSTOM3<br>   CUSTOM4<br>   CUSTOM 5<br>   CUSTOM 6<br>   CUSTOM 7<br>   ARCHIVE |
| Copy Count | @PJL SET QTY = *n* | | Where *n* equals a number from 1 – 9999. |
| Duplex | PCL5e:<br><ESC>&l*int*S | | Where *int* equals:<br>   2 = Short edge bind<br>   1 = Long edge bind |
| | PCL 6c:<br>DuplexPageMode (53) | | |
| | <ESC>&lS<br>OR<br><ESC>&l0S | | Image only one side of the output media |

| Feature | Implementation | Values |
|---------|----------------|--------|
| Job Offset | @ PJL SET JOBOFFSET=*value*; | Where *value* equals:<br>ON<br>OFF |
| Toner Saver | @PJL ECONOMODE=*value*; | Where *value* equals:<br>ON<br>OFF |
| Resolution (600x600) | @PJL SET RESOLUTION=600 | |
| Banner Page | @PJL SET BANNERSHEET=*value*; | Where *value* equals:<br>ON = Banner sheet on<br>OFF = banner sheet off. |

## PJL Template

This section illustrates a standard PJL template that is used to access general print features as well as product specific features.  This template lists each feature and the syntax, both PCL commands and PJL, required to use these features. The next section of this document contains other examples of how to use these commands.

**Section 1 (Opening Command, Required for all files)**

<ESC>%-12345X@PJL JOB MODE=PRINTER

**Section 2 (PJL Set Commands)**

@PJL SET RESOLUTION=600
@PJL SET QTY=1

**Section 3 (PCL Code used to invoke PCL Language**)

@PJL ENTER LANGUAGE=PCL

**Section 4 (PCL Data Stream or ASCII Document inserted here for Options such as selection Different Fonts, Simplex, Duplex, etc.)**
,,,,,,,,,,,

**Section 5 (Closing Command, Required at end of Document)**
        <ESC>%-12345X@PJL EOJ

### Sample PJL Headers

This section contains examples of these commands in use.

**Example 1 Proof Print**
 %-12345X@PJL JOB NAME = "File Name"
@PJL COMMENT "Username: SCOOTER"
@PJL COMMENT USERNAME=" SCOOTER "
@PJL COMMENT DOCNAME="Microsoft Word - 3550_pdl_guide.doc"
@PJL JOB NAME="Microsoft Word - 3550_pdl_guide.doc"
@PJL SET QTY=2
@PJL SET COLORMODE=MONO
@PJL SET RESOLUTION=600
@PJL SET IMAGEQUALITY=0
@PJL DEFAULT SERVICEDATE=20110623
@PJL SET PAPERTYPE=OFF
@PJL SET BANNERSHEET=OFF
@PJL SET TIMESTAMP=OFF

**@PJL SET HOLD=PROOF**
@PJL SET USERNAME=" SCOOTER "
@PJL SET JOBNAME="Microsoft Word - 3550_pdl_guide.doc"
@PJL SET ECONOMODE=OFF
@PJL SET DARKENTEXT=ON
@PJL ENTER LANGUAGE = PCLXL


**Example 3 Confidential (Secure) Print with encryption**
 %-12345X@PJL COMMENT SAMSUNG PCL XL Driver
@PJL COMMENT "Username: US966904"
@PJL COMMENT USERNAME="US966904"
@PJL COMMENT DOCNAME="Microsoft Word - 3550_pdl_guide.doc"
@PJL JOB NAME="Microsoft Word - 3550_pdl_guide.doc"
@PJL SET COLORMODE=MONO
@PJL SET RESOLUTION=600
@PJL SET IMAGEQUALITY=0
@PJL DEFAULT SERVICEDATE=20110623
@PJL SET PAPERTYPE=OFF
@PJL SET BANNERSHEET=OFF
@PJL SET TIMESTAMP=OFF
**@PJL SET HOLD=ON**
**@PJL SET HOLDTYPE=PRIVATE**
**@PJL SET HOLDKEY="encrypted password"**
@PJL SET USERNAME="US966904"
@PJL SET JOBNAME="Microsoft Word - 3550_pdl_guide.doc"
@PJL SET ECONOMODE=OFF
@PJL SET DARKENTEXT=ON
@PJL ENTER LANGUAGE = PCLXL

**Example 4 Banner Sheet**
 %-12345X@PJL JOB NAME = "File Name"
@PJL COMMENT "Username: US966904"
@PJL COMMENT USERNAME="US966904"
@PJL COMMENT DOCNAME="Microsoft Word - 3550_pdl_guide.doc"
@PJL JOB NAME="Microsoft Word - 3550_pdl_guide.doc"
@PJL SET COLORMODE=MONO
@PJL SET RESOLUTION=600
@PJL SET IMAGEQUALITY=0
@PJL DEFAULT SERVICEDATE=20110623
@PJL SET PAPERTYPE=OFF
**@PJL SET BANNERSHEET=ON**
@PJL SET TIMESTAMP=OFF
@PJL SET HOLD=OFF
@PJL SET USERNAME="US966904"
@PJL SET JOBNAME="Microsoft Word - 3550_pdl_guide.doc"
@PJL SET ECONOMODE=OFF
@PJL SET DARKENTEXT=ON
@PJL ENTER LANGUAGE = PCLXL

# PCL Font List

The following PCL fonts are resident on the device.

The commands in the table reference a 12-point font. If you wish to use any other point size, change the 12v within the PCL Escape Command to the desired size (.25 – 999.75).

| Font # | Font | 3550 Font Name | PCL Escape Command |
|---|---|---|---|
| 1 | Courier | Courier SWC | \<esc\>(\<esc\>(s0p12h0s0b4099T |
| 2 | Courier Bold | Courier SWC Bold | \<esc\>(\<esc\>(s0p12h0s3b4099T |
| 3 | Courier Italic | Courier SWC Italic | \<esc\>(\<esc\>(s0p12h1s0b4099T |
| 4 | Courier Bold Italic | Courier SWC Italic Bold | \<esc\>(\<esc\>(s0p12h1s3b4099T |
| 5 | Letter Gothic | Letter Gothic | \<esc\>(\<esc\>(s0p12h0s0b4102T |
| 6 | Letter Gothic Bold | Letter Gothic Bold | \<esc\>(\<esc\>(s0p12h0s3b4102T |
| 7 | Letter Gothic Italic | Letter Gothic Italic | \<esc\>(\<esc\>(s0p12h1s0b4102T |
| 8 | Naskh BT | Naskh BT | \<esc\>(\<esc\>(s0p12h0s0b4124T |
| 9 | Naskh BT Bold | Naskh BT Bold | \<esc\>(\<esc\>(s0p12h0s3b4124T |
| 10 | Koufi BT | Koufi BT | \<esc\>(\<esc\>(s0p12h0s0b4264T |
| 11 | Koufi BT Bold | Koufi BT Bold | \<esc\>(\<esc\>(s0p12h0s3b4264T |
| 12 | CourierPS | Courier SWA | \<esc\>(\<esc\>(s0p12h0s0b24579T |
| 13 | CourierPS Bold | Courier SWA Bold | \<esc\>(\<esc\>(s0p12h0s3b24579T |
| 14 | CourierPS Oblique | Courier SWA Italic | \<esc\>(\<esc\>(s0p12h1s0b24579T |
| 15 | CourierPS Bold Oblique | Courier SWA Italic Bold | \<esc\>(\<esc\>(s0p12h1s3b24579T |
| 16 | CG Times | Dutch801 SWC | \<esc\>(\<esc\>(s1p12v0s0b4101T |
| 17 | CG Times Bold | Dutch801 SWC Bold | \<esc\>(\<esc\>(s1p12v0s3b4101T |
| 18 | CG Times Italic | Dutch801 SWC Italic | \<esc\>(\<esc\>(s1p12v1s0b4101T |
| 19 | CG Times Bold Italic | Dutch801 SWC Italic Bold | \<esc\>(\<esc\>(s1p12v1s3b4101T |
| 20 | CG Omega | ZapfHumst Dm SWC | \<esc\>(\<esc\>(s1p12v0s0b4113T |
| 21 | CG Omega Bold | ZapfHumst Dm SWC Bold | \<esc\>(\<esc\>(s1p12v0s3b4113T |
| 22 | CG Omega Italic | ZapfHumst Dm SWC Italic | \<esc\>(\<esc\>(s1p12v1s0b4113T |
| 23 | CG Omega Bold Italic | ZapfHumst Dm SWC Italic Bold | \<esc\>(\<esc\>(s1p12v1s3b4113T |
| 24 | Coronet | Ribbon131 SWC Italic | \<esc\>(\<esc\>(s1p12v1s0b4116T |
| 25 | Clarendon Condensed | Clarendon SWC Condensed Bold | \<esc\>(\<esc\>(s1p12v4s3b4140T |
| 26 | Univers Medium | Swiss742 SWC | \<esc\>(\<esc\>(s1p12v0s0b4148T |
| 27 | Univers Bold | Swiss742 SWC Bold | \<esc\>(\<esc\>(s1p12v0s3b4148T |
| 28 | Univers Italic | Swiss742 SWC Italic | \<esc\>(\<esc\>(s1p12v1s0b4148T |
| 29 | Univers Bold Italic | Swiss742 SWC Italic Bold | \<esc\>(\<esc\>(s1p12v1s3b4148T |
| 30 | Univers Condensed | Swiss742 Cn SWC Condensed | \<esc\>(\<esc\>(s1p12v4s0b4148T |
| 31 | Univers Condensed Bold | Swiss742 Cn SWC Condensed Bold | \<esc\>(\<esc\>(s1p12v4s3b4148T |
| 32 | Univers Condensed Italic | Swiss742 Cn SWC Condensed Italic | \<esc\>(\<esc\>(s1p12v5s0b4148T |
| 33 | Univers Condensed Bold  Italic | Swiss742 Cn SWC Condensed Italic Bold | \<esc\>(\<esc\>(s1p12v5s3b4148T |
| 34 | Antique Olive | Incised901 SWC | \<esc\>(\<esc\>(s1p12v0s0b4168T |
| 35 | Antique Olive Bold | Incised901 SWC Bold | \<esc\>(\<esc\>(s1p12v0s3b4168T |
| 36 | Antique Olive Italic | Incised901 SWC Italic | \<esc\>(\<esc\>(s1p12v1s0b4168T |
| 37 | Garamond Antiqua | OrigGaramond SWC | \<esc\>(\<esc\>(s1p12v0s0b4197T |
| 38 | Garamond Halbfett | OrigGaramond SWC Bold | \<esc\>(\<esc\>(s1p12v0s3b4197T |
| 39 | Garamond Kursiv | OrigGaramond SWC Italic | \<esc\>(\<esc\>(s1p12v1s0b4197T |
| 40 | Garamond Kursiv Halbfett | OrigGaramond SWC Italic Bold | \<esc\>(\<esc\>(s1p12v1s3b4197T |

| Font # | Font | 3550 Font Name | PCL Escape Command |
|--------|------|----------------|--------------------|
| 41 | Marigold | Audrey Two SWC | <esc>(<esc>(s1p12v0s0b4297T |
| 42 | Flareserif821SWC | Flareserif821SWC | <esc>(<esc>(s1p12v0s1b4106T |
| 43 | Flareserif821SWC Extra Bold | Flareserif821SWC Extra Bold | <esc>(<esc>(s1p12v0s4b4106T |
| 44 | Ryadh BT | Ryadh BT | <esc>(<esc>(s0p12h0s0b4859T |
| 45 | Ryadh BT Bold | Ryadh BT Bold | <esc>(<esc>(s0p12h0s3b4859T |
| 46 | Swiss SWM | Swiss SWM | <esc>(<esc>(s1p12v0s0b4314T |
| 47 | Swiss SWM Bold | Swiss SWM Bold | <esc>(<esc>(s1p12v0s3b4314T |
| 48 | Swiss SWM Italic | Swiss SWM Italic | <esc>(<esc>(s1p12v1s0b4314T |
| 49 | Swiss SWM Italic Bold | Swiss SWM Italic Bold | <esc>(<esc>(s1p12v1s3b4314T |
| 50 | Times New Roman | Dutch SWM | <esc>(<esc>(s1p12v0s0b16901T |
| 51 | Times New Bold | Dutch SWM Bold | <esc>(<esc>(s1p12v0s3b16901T |
| 52 | Times New Italic | Dutch SWM Italic | <esc>(<esc>(s1p12v1s0b16901T |
| 53 | Times New Bold Italic | Dutch SWM Italic Bold | <esc>(<esc>(s1p12v1s3b16901T |
| 54 | Helvetica | Swiss SWA | <esc>(<esc>(s0p12h0s0b24580T |
| 55 | Helvetica Bold | Swiss SWA Bold | <esc>(<esc>(s0p12h0s3b24580T |
| 56 | Helvetica Oblique | Swiss SWA Italic | <esc>(<esc>(s0p12h1s0b24580T |
| 57 | Helvetica Bold Oblique | Swiss SWA Italic Bold | <esc>(<esc>(s0p12h1s3b24580T |
| 58 | Helvetica Narrow | SwissNarrow SWA Condensed | <esc>(<esc>(s0p12h4s0b24580T |
| 59 | Helvetica Narrow Bold | SwissNarrow SWA Condensed Bold | <esc>(<esc>(s0p12h4s3b24580T |
| 60 | Helvetica Narrow Oblique | SwissNarrow SWA Condensed Italic | <esc>(<esc>(s0p12h5s0b24580T |
| 61 | Helvetica Narrow Oblique Bold | SwissNarrow SWA Condensed Italic Bold | <esc>(<esc>(s0p12h5s3b24580T |
| 62 | Palatino Roman | ZapfCallig SWA | <ESC>(19U<ESC>(s1p0s0b24591T |
| 63 | Palatino Bold | ZapfCallig SWA Bold | <ESC>(19U<ESC>(s1p0s3b24591T |
| 64 | ZapfCallig SWA Italic | ZapfCallig SWA Italic | <ESC>(19U<ESC>(s1p1s3b24591T |
| 65 | Palatino Bold Italic | ZapfCallig SWA Italic Bold | <ESC>(19U<ESC>(s1p1s0b24591T |
| 66 | ITC Avant Garde Book | Geometric 711 | <ESC>(19U<ESC>(s1p0s0b24607T |
| 67 | ITC Avant Garde Demi | Geometric 711 Demi | <ESC>(19U<ESC>(s1p1s0b24607T |
| 68 | ITC Avant Garde Book Oblique | Geometric 711 Italic | <ESC>(19U<ESC>(s1p0s2b24607T |
| 69 | ITC Avant Garde Demi Oblique | Geometric 711 Italic Demi | <ESC>(19U<ESC>(s1p1s2b24607T |
| 70 | ITC Bookman Light | Bookman SWA Light | <ESC>(19U<ESC>(s0p0s2b24623T |
| 71 | ITC Bookman Demi | Bookman SWA Demi | <ESC>(19U<ESC>(s0p1s2b24623T |
| 72 | ITC Bookman Light Italic | Bookman SWA Italic Light | <ESC>(19U<ESC>(s0p0s-3b24623T |
| 73 | ITC Bookman Demi Italic | Bookman SWA Italic Demi | <ESC>(19U<ESC>(s0p1s-3b24623T |
| 74 | New Century Schlbk Roman | CenturySchbk SWA | <ESC>(19U<ESC>(s1p0s0b24703T |
| 75 | New Century Schlbk Bold | CenturySchbk SWA Bold | <ESC>(19U<ESC>(s1p0s3b24703T |
| 76 | New Century Schbk Italic | CenturySchbk SWA Italic | <ESC>(19U<ESC>(s1p1s3b24703T |
| 77 | New Century Schlbk Bold Italic | CenturySchbk SWA Italic Bold | <ESC>(19U<ESC>(s1p1s0b24703T |
| 78 | Times Roman | Dutch SWA | <esc>(<esc>(s1p12v0s0b25093T |
| 79 | Times Bold | Dutch SWA Bold | <esc>(<esc>(s1p12v0s3b25093T |
| 80 | Times Italic | Dutch SWA Italic | <esc>(<esc>(s1p12v1s0b25093T |
| 81 | Times Bold Italic | Dutch SWA Italic Bold | <esc>(<esc>(s1p12v1s3b25093T |
| 82 | ITC Zapf Chancery Italic | Chancery 801 Italic | <esc>(<esc>(s0p12h1s0b45099T |
| 83 | Symbol Set SWM | Symbol Set SWM | <esc>(19M<esc>(s1p12v0s0b4142T |
| 84 | MoreWingbatsSWC | MoreWingbatsSWC | <esc>(579L<esc>(s1p12v0s0b4266T |
| 85 | ITC Zapf Dingbats | DingDings | <esc>(14L<esc>(s0p12h0s0b45101T |
| 86 | SymbolPS | Symbol Set SWA | <esc>(19M<esc>(s0p12h0s0b45358T |
| 87 | Line Printer (Roman-8) | Line Printer 8U | <esc>(8U<esc>(s0p16.67h8.5v0s0b0T |
| 88 | Line Printer 0N | Line Printer 0N | <esc>(0N<esc>(s0p16.67h8.5v0s0b0T |

| Font # | Font | 3550 Font Name | PCL Escape Command |
|---|---|---|---|
| 89 | Line Printer (PC-8) | Line Printer 10U | <esc>(10U<esc>(s0p16.67h8.5v0s0b0T |
| 90 | Line Printer (PC-8 D/N) | Line Printer 11U | <esc>(11U<esc>(s0p16.67h8.5v0s0b0T |
| 91 | Line Printer (PC-850) | Line Printer 12U | <esc>(12U<esc>(s0p16.67h8.5v0s0b0T |
| 92 | Line Printer (Legal) | Line Printer 1U | <esc>(1U<esc>(s0p16.67h8.5v0s0b0T |
| 93 | Line Printer 2N | Line Printer 2N | <esc>(2N<esc>(s0p16.67h8.5v0s0b0T |
| 94 | Line Printer 5N | Line Printer 5N | <esc>(5N<esc>(s0p16.67h8.5v0s0b0T |
| 95 | Line Printer 6N | Line Printer 6N | <esc>(6N<esc>(s0p16.67h8.5v0s0b0T |
| 96 | OCR-A | OCR-A | <esc>(00<esc>(s1p12v0s0b104T |
| 97 | OCR-B | OCR-B | <esc>(10<esc>(s1p12v0s0b110T |
| 98 | Courier Miriam | Courier Miriam | <esc>(<esc>(s0p12h0s0b295T |
| 99 | Courier Miriam Bold | Courier Miriam Bold | <esc>(<esc>(s0p12h0s3b295T |
| 100 | Swiss 742 Miriam | Swiss 742 Miriam | <esc>(<esc>(s1p12v0s0b5159T |
| 101 | Swiss 742 Miriam Bold | Swiss 742 Miriam Bold | <esc>(<esc>(s1p12v0s3b5159T |
| 102 | Swiss 742 Miriam Italic | Swiss 742 Miriam Italic | <esc>(<esc>(s1p12v1s0b5159T |
| 103 | Swiss 742 Miriam Italic Bold | Swiss 742 Miriam Italic Bold | <esc>(<esc>(s1p12v1s3b5159T |
| 104 | Dutch 801 David | Dutch 801 David | <esc>(<esc>(s1p12v0s0b5415T |
| 105 | Dutch 801 David Bold | Dutch 801 David Bold | <esc>(<esc>(s1p12v0s3b5415T |
| 106 | Dutch 801 David Italic | Dutch 801 David Italic | <esc>(<esc>(s1p12v1s0b5415T |
| 107 | Dutch 801 David Italic Bold | Dutch 801 David Italic Bold | <esc>(<esc>(s1p12v1s3b5415T |
| 108 | Dutch 801 Frank | Dutch 801 Frank | <esc>(<esc>(s1p12v0s0b5671T |
| 109 | Dutch 801 Frank Bold | Dutch 801 Frank Bold | <esc>(<esc>(s1p12v0s3b5671T |
| 110 | Dutch 801 Frank Italic | Dutch 801 Frank Italic | <esc>(<esc>(s1p12v1s0b5671T |
| 111 | Dutch 801 Frank Italic Bold | Dutch 801 Frank Italic Bold | <esc>(<esc>(s1p12v1s3b5671T |

# PostScript

The WorkCentre supports PS 3 commands that enable the features listed in the following table.

| Feature | Description |
| --- | --- |
| Media Size | The size of media on which to print a job. |
| Media Type | Specifies the type of paper stock to be used. |
| Media Source | Specifies the tray to supply the job's media. |
| Manual Feed | Used when a user wants to print a job on a paper that is not loaded in the machine. The job will be held until the paper is manually fed by the user at the machine. |
| Copy Count | Use this command to specify the number of uncollated sets of a document in a print job. |
| Duplex | Delivers two-sided output. |
| Toner Saver | Produce images that are rendered efficiently and printed at 600 dpi in a manner that minimizes toner consumption. |
| Resolution | Resolution used to image a job. |

# PostScript Implementation

The following table contains the PostScript commands and shows the syntax required to use the feature listed. Following the table are examples of commands and a PS file.

For more details about PostScript commands, refer to the *PostScript Language Reference Manual, Third Edition*, ISBN 0-201-37992-8.

In the following table, default values are marked with an asterisk (*).

| Feature | Implementation | Media Size | Values in PS Points |
| --- | --- | --- | --- |
| Media Size | <</PageSize [*width height*] /ImagingBBox null>> setpagedevice | Postcard (4" x 6") <br> A4 (210 x 297 mm) <br> Envelope C5 (162 x 229 mm) <br> Envelope C6 (114 x 162 mm) <br> Envelope Monarch (3.875 x 7.5") <br> Envelope DL (110 x 220 mm) <br> ISO  B5 (176 x 250 mm) <br> Letter (8.5 x 11") <br> Oficio (216 x 343 mm) <br> Legal (8.5 x 14") <br> A5 (148 x 210 mm) <br> Envelope No. 10 (4.125 x 9.5") <br> JIS B5 (182 x 257 mm) <br> Executive (7.25 x 10.5") <br> 8.5 x 13" <br> Statement (5.5 x 8.5") <br> A6 (105 x 148 mm) <br> Index Card (3" x 5") <br> *Note*: /ImagingBBox null is optional | 288 x 432 <br> 595 x 842 <br> 459 x 649 <br> 323 x 459 <br> 279 x 540 <br> 312 x 624 <br> 499 x 709 <br> 612 x 792 <br> 612 x 972 <br> 612 x 1008 <br> 420 x 595 <br> 297 x 684 <br> 516 x 729 <br> 522 x 756 <br> 612 x 936 <br> 396 x 612 <br> 297 x 420 <br> 216 x 360 |

| Feature | Implementation | Values |
|---|---|---|
| Media Source | <</MediaPosition *int*>> setpagedevice | Where *int* is one of the following:<br>**1**: Tray1<br>**3**: Tray2<br>**2**: Bypass Tray<br><br>Bypass – use Manualfeed true; all other trays should use ManualFeed false |
| Manual Feed | <</ManualFeed *value*>> setpagedevice | Where *value* equals:<br>TRUE<br>FALSE |
| Media Type | <</MediaType (*string*)>> setpagedevice | Where *string* equals:<br>Supported Values :<br>Plain<br>Transparency<br>Labels<br>PrePunched<br>Recycled<br>Preprinted<br>Envelopes<br>Card Stock<br>HeavyWeight<br>LightWeight<br>Bond<br>Letterhead<br>Custom1<br>Custom2<br>Custom3<br>Custom4<br>Custom5<br>Custom6<br>Custom7<br>Archive |
| Copy Count | <</NumCopies *int*>> setpagedevice | Where *int* equals a number from 1 – 9999. |

| Feature | Implementation | Values |
|---|---|---|
| Duplex | <</Duplex true /Tumble *value*<br>setpagedevice | Where *value* equals:<br>    TRUE<br>    FALSE<br><br>Tumble: Duplex must be On for this setting to have any affect<br><br>Short edge bind (*Tumble TRUE)* = Duplex so that when page is rotated about the short edge, second side image is right side up.<br><br>Long edge bind (*Tumble FALSE*) = Duplex so that when page is rotated about the long edge, second side image is right side up. |
| | <</Duplex false /Tumble false>><br>setpagedevice | Image only one side of the output media |
| Toner Saver | << /PostRenderingEnhance boolean *value*<br>/PostRenderingEnhanceDetails<br>   << /Type 33<br>      /DensityControl integer<br>      /TonerSaver integer<br>      >><br>>> setpagedevice | Where *value* equals:<br>    true<br>    false<br>TonerSaver:<br>    0 = off<br>    1 = on.<br>DensityControl:<br>    -3 (light) to +3 (dark)<br><br>*Note*: It is necessary to send DensityControl and TonerSaver in the same command. |
| Resolution | <</DeviceRenderingInfo  << /Type 4 /ValuesPerColorComponent 2 >> >><br>setpagedevice<br><br><</HWResolution [600 600] >><br>setpagedevice | Resolution 600x600x1  (128 levels of gray) |
| | <</DeviceRenderingInfo  << /Type 4 /ValuesPerColorComponent 2 >>  >><br>setpagedevice<br><br><</HWResolution [1200 1200] >><br>setpagedevice | Resolution 1200x1200x1<br><br>1200 dpi in the Fast Scan direction, 1200 dpi in the Slow Scan direction.<br>*Note*: Set Bit depth first |
| | <</DeviceRenderingInfo  << /Type 4 /ValuesPerColorComponent 2 >>  >><br>setpagedevice<br><br><</HWResolution [ 200 200] >><br>setpagedevice | Resolution 200x200x1<br>*Note*: This resolution is for use with Fax Jobs only |

# Supported PostScript Fonts

AlbertusMT
AlbertusMT-Italic
AlbertusMT-Light
AntiqueOlive-Bold
AntiqueOlive-Compact
AntiqueOlive-Italic
AntiqueOlive-Roman
Apple-Chancery
Arial-BoldItalicMT
Arial-BoldMT
Arial-ItalicMT
ArialMT
AvantGarde-Book
AvantGarde-BookOblique
AvantGarde-Demi
AvantGarde-DemiOblique
Bodoni
Bodoni-Bold
Bodoni-BoldItalic
Bodoni-Italic
Bodoni-Poster
Bodoni-PosterCompressed
Bookman-Demi
Bookman-DemiItalic
Bookman-Light
Bookman-LightItalic
Carndid
Chicago
Clarendon
Clarendon-Bold
Clarendon-Light
CooperBlack
CooperBlack-Italic
Copperplate-ThirtyThreeBC
Copperplate-ThirtyTwoBC
Coronet-Regular
Courier
Courier-Bold
Courier-BoldOblique
Courier-Oblique
Eurostile
Eurostile-Bold
Eurostile-BoldExtendedTwo
Eurostile-ExtendedTwo
Geneva
GillSans
GillSans-Bold
GillSans-BoldCondensed
GillSans-BoldItalic
GillSans-Condensed
GillSans-ExtraBold
GillSans-Italic
GillSans-Light
GillSans-LightItalic
Goudy
Goudy-Bold

Goudy-BoldItalic
Goudy-ExtraBold
Goudy-Italic
Helvetica
Helvetica-Bold
Helvetica-BoldOblique
Helvetica-Condensed
Helvetica-Condensed-Bold
Helvetica-Condensed-BoldObl
Helvetica-Condensed-Oblique
Helvetica-Narrow
Helvetica-Narrow-Bold
Helvetica-Narrow-BoldOblique
Helvetica-Narrow-Oblique
Helvetica-Oblique
HoeflerText-Black
HoeflerText-BlackItalic
HoeflerText-Italic
HoeflerText-Ornaments
HoeflerText-Regular
JoannaMT
JoannaMT-Bold
JoannaMT-BoldItalic
JoannaMT-Italic
LetterGothic
LetterGothic-Bold
LetterGothic-BoldSlanted
LetterGothic-Slanted
LubalinGraph-Book
LubalinGraph-BookOblique
LubalinGraph-Demi
LubalinGraph-DemiOblique
Marigold
MonaLisa-Recut
Monaco
NewCenturySchlbk-Bold
NewCenturySchlbk-BoldItalic
NewCenturySchlbk-Italic
NewCenturySchlbk-Roman
NewYork
Optima
Optima-Bold
Optima-BoldItalic
Optima-Italic
Oxford
Palatino-Bold
Palatino-BoldItalic
Palatino-Italic
Palatino-Roman
StempelGaramond-Bold
StempelGaramond-BoldItalic
StempelGaramond-Italic
StempelGaramond-Roman
Symbol
Taffy
Times-Bold

Times-BoldItalic
Times-Italic
Times-Roman
TimesNewRomanPS-BoldItalicMT
TimesNewRomanPS-BoldMT
TimesNewRomanPS-ItalicMT

TimesNewRomanPSMT
Univers
Univers-Bold
Univers-BoldExt
Univers-BoldExtObl
Univers-BoldOblique
Univers-Condensed
Univers-CondensedBold
Univers-CondensedBoldOblique
Univers-CondensedOblique
Univers-Extended
Univers-ExtendedObl
Univers-Light
Univers-LightOblique
Univers-Oblique
Wingdings
Wingdings-Regular
ZapfChancery-MediumItalic
ZapfDingbats
Wingdings-Regular
ZapfChancery-MediumItalic
ZapfDingbats

# Additional Information

You can reach Xerox Customer Support at http://www.xerox.com or by calling Xerox Support in your country.

Xerox Customer Support welcomes feedback on all documentation - send feedback via e-mail to: USA.DSSC.Doc.Feedback@mc.usa.xerox.com.

Other Tips about Xerox multifunction devices are available at the following URL: http://www.office.xerox.com/support/dctips/dctips.html.