

**EXHIBIT B**

**(FCC Ref. 2.1033(b)(4))**

**"Description of Circuit Functions"**

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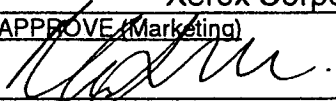

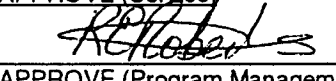
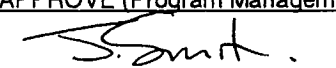
INTERLAGOS

PRODUCT SPECIFICATION

FOR

Xerox

Document number JDA-00054

Xerox Corporation		TOSHIBA TEC Corporation	
APPROVE (Marketing)	DATE	APPROVE (Sales Division)	DATE
	20/5/99		
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1.0 REVISION HISTORY  
1.1 REVISION RECORD

Revision	Approve	Check	Draft	Date
Revision1.0	IZAWA	YAMANAKA	SUGIYAMA	May. 17 '99



1.2 REVISION JOURNAL

Revision	Detail	Remarks
Revision 1.0	New issue.	-

## 2.0 INTRODUCTION

### 2.1 SCOPE

This product specification describes Business LASER multifunction products INTERLAGOS Series, designed, developed, and manufactured by TOSHIBA TEC Corporation for XEROX corporation. This document and its subsequent approved revisions and other documents referenced herein shall be utilized as the sole source of product test of this product. INTERLAGOS is a product code for development and business purpose. Appropriate product name shall be defined for commercial purpose.

The specification of INTERLAGOS series can be described on Appendix B.

If discrepancies or differences exist between this specification and other applicable specifications or documents, this document shall take precedence. However, it must be noted that other specifications and documents will be referenced herein to completely define this product.

Values are nominal value, unless otherwise specified.

### 2.2 PRODUCT OVERVIEW

The product is multi-national product designed for PC printing/scanning, coping and transmitting and receiving multiple documents automatically over the Public Switched Telephone Network. The product comply with ITU-T Group 3 Recommendations and T.30 as well as proving other optional modes of operation.

### 2.3 PRODUCT CONFIGURATIONS

The product shall consist of and include accessories described in Appendix A.

Feature table of INTERLAGOS Series is indicated in Appendix B and described in this specification, if appropriate.

### 2.4 ACCESSORIES

All products shall be equipped with appropriate accessories. Please refer to Appendix A.

The followings are common items for all Products:

- Drum Cartridge
- Toner Cartridge (Includes Initial Toner)
- Document Exit Tray
- Paper Exit Tray

- 2.5    **OPTION KITS**  
      - HANDSET (US, CA only)  
      - Auxiliary Paper Cassette

- 2.6    **CONSUMABLES**  
      Drum Cartridge  
      Toner Cartridge (Includes Developer)

The detailed descriptions of consumables are attached In APPENDIX Q.

- 2.7    **RELEVANT DOCUMENTATION**  
      OPERATIONAL FLOW CHART, INTERLAGOS  
      PARAMETER SPECIFICATION, INTERLAGOS  
      PART LIST AND RECOMMENDED PARTS LIST, INTERLAGOS  
      PC INTERFACE EXTERNAL SPECIFICATION  
      TOSHIBA TEC Qualification Test Plan for INTERLAGOS

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### 3.0 APPLICABLE REFERENCE

#### 3.1 MANDATORY REFERENCE

The following documents are used as mandatory references to this specifications.

ITU-T Recommendations      T.4, T.6, T.30, T.82 and T.85  
V.34, V.8, V.17, V.29, V.27ter and V.21

#### 3.2 INFORMATIONAL REFERENCE

The following referenced documents are included as part of this specification and shall be applicable in all respects. When this specification and these referenced documents are in conflict, this specification takes precedence.

ITU-T Recommendation T.21  
FDA 21 CFR. 1040. 10 (LASER) Class 1  
EN60825  
Energy 2000  
    (730.01 : Ordinance on Energy Use dated 22 January 1992, Appendix7  
    730.011.1 : Ordinance on energetical testing procedures for telefax  
                machines, 18 May 1994)

#### 3.3 TEST CHARTS

The following charts are referred in this specification and used to evaluate the characteristics of the terminal.

ITU-T #1 Test Document  
ITU-T #4 Test Chart  
IIEEJ #1 Test Chart  
TEC Original Test Chart  
XTP327.000  
XTP#90.000  
XTP#990.000

#### 3.4 PRINTING TEST PATTERN

PRINTING TEST PATTERN is attached on APPENDIX R.

#### 3.5 COMMUNICATION CODE

COMMUNICATION CODE TABLE is attached on APPENDIX S.

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## 4.0 GLOSSARY

The following definitions are given in order to assist in the interpretation of this specification.

ADF	Auto Document Feeder
ASF	Auto Sheet Feeder
CRP	CRP Protocol (Short Protocol)
DTMF	Dual Tone Multi Frequency
ECM	Error Correction Mode
GDI	Graphical Device Interface
IIEEJ	Institute of Image Electronic Engineer's of Japan
ITU	International Telecommunication Union
JBIG	Joint Bi-level Image experts Group
LASER	Light Amplitude Stimulation Emission of Radiation
LCD	Liquid Crystal Display
MH	Modified Huffman
MMR	Modified Modified Read
MPBF	Mean Paper Between Failure
MR	Modified Read
MTBF	Mean Time Between Failure
MTTR	Mean Time To Repair
NSC	Non Standard function Command
NSF	Non Standard Field
NSS	Non Standard function Setting
OD	Optical Density
OPC	Organic Photo Conductor
PABX	Private Automatic Branch Exchange
PSTN	Public Switched Telephone Network
RDC	Remote Diagnostic and Configuration
RTI	Receiver Terminal Identification
RX	Reception
TTI	Transmitter Terminal Identification
TX	Transmission
EET	Edge Enhancement Technology

5.0 PHYSICAL REQUIREMENTS

5.1 APPEARANCE

The overall appearance is shown Appendix C. KEYBOARD layout is shown Appendix D.

5.1.1 ENCLOSURE MATERIAL

The major cover sets shall be made of PPE+PS material. Plastic material code shall be put on each plastic parts >50 grams.

5.2 PHYSICAL DIMENSIONS

5.2.1 UNPACKED MAIN UNIT

Height	TBD mm (TBD inches)
Width (without handset)	TBD mm (TBD inches)
Width (with handset)	TBD mm (TBD inches)
Depth (without trays)	TBD mm (TBD inches)
Depth (with trays)	TBD mm (TBD inches)
Depth (with trays and extension)	TBD mm (TBD inches)
Weight	Less than 18 kg w/o Auxiliary Paper Cassette

5.2.2 PACKAGED, INDIVIDUAL

Height	TBD mm (TBD inches)
Width	TBD mm (TBD inches)
Depth	TBD mm (TBD inches)
Weight	TBD kg

5.3 PACKAGING

The product shall be packed in appropriate carton box. The packing materials shall be capable of three level (TBD) of stacking of the packaged products. BOX "package material" is recyclable and conform to international requirements.

Note: TOSHIBA TEC is currently developing BOX and packing materials. If they can not comply, TOSHIBA TEC will inform Xerox. An OPTION will be selected.

- 6.0 COMMUNICATION SUBSYSTEM
- 6.1 NETWORK INTERFACE
- The terminal shall operate via PSTN or PABX connecting with RJ-11 modular jack.
- 6.2 PIN ASSIGNMENT OF LINE JACK
- Refer to Appendix A for pin assignment of LINE JACK for respective destinations.
- 6.3 HANDSET (for North / South America version only)
- Handset is available for North American version as optional, and for South American version as standard. Dialing is done by the keypad of the terminal.
- 6.4 DIALING CAPABILITY
- 6.4.1 DIALING METHOD
- The terminal shall have the ability to perform tone (DTMF) or pulse dialing (10pps), and it shall select by a operator except some European countries.
- 6.4.2 PROGRAM DIALING
- The terminal shall have the ability to automatically dial any valid phone number stored in its dial directory.
- Alphabet Dial Directory : 145/238 stations maximum,  
20 characters / station,  
one touch + speed dial + group dial
- Speed Dial : 100/150 stations maximum
- One touch Dial: 20/38 stations
- Group Dial : 25/50 groups, 120/188 stations / group
- Phone number length : 128 digits, maximum
- 6.4.3 OTHER DIALING FEATURES
- Last Number Redial : In off-hook, last telephone call can be dialed.
- Automatic Redial : In on-hook, pending job(s) are automatically redialed, maximum 14 tries.
- Off-Hook Dial : Yes, with handset off-hook
- On-Hook Dial : Yes, with pressing Manual Dial key
- Listen to Dial : User can select to enable or disable this feature to hear the dialing tone when user dials.

6.5 FACSIMILE COMMUNICATION

6.5.1 OPTIONAL SIGNAL DEFINITIONS

The facsimile information field for the NSF, NSC, and NSS frames shall conform to the following general format:

<u>ORDER</u>	<u>OCTET</u>	<u>DESCRIPTION</u>
1st	00000000	ITU-T country code (T.35)
2nd	00000000	ITU-T members code (T.30)
3rd	00001001	Manufacturer's code (TOSHIBA)
4th		Information area
end of FIF		

6.5.2 BASIC MODULATION METHODS

INTERLAGOS - H: V.34, V.8, V.17, V.29, V.27ter, V.21

INTERLAGOS - L: V.17, V.29, V27ter, V21

6.5.3 COMMUNICATION PERFORMANCE (TBD)

Communication performance is specified in Appendix O and Appendix P.

Communication performance of Interlagos-L is specified in Appendix O.  
Communication performance of Interlagos-H is specified in Appendix P.

6.5.4 REDUNDANCY REDUCTION METHOD

ITU-T T.4 MH, MR, T.6 MMR, T.82/85 JBIG coding scheme shall be utilized by the terminal.

6.5.5 ERROR CORRECTION METHOD (ECM)

ITU-T ECM shall be utilized by the terminal.  
ECM Buffer memory size is 128 K Byte that occupy a part of the Image Memory when receiving. Performing of ECM shall be programmed. ON is default setting. For V.34 MODEM, ECM communication is mandatory required.

6.5.6 PROPRIETARY MODE

Between another INTERLAGOS or XEROX facsimile, INTERLAGOS shall communicate in XEROX proprietary mode as follows:  
(XEROX proprietary mode uses TOSHIBA NSF/NSS/NSC commands)

Short Protocol (CRP)  
Polling with Password



6.5.7 MESSAGE TRANSMISSION TIME (PHASE C)

The target message transmission time between two INTERLAGOSs is as follows:

Speed and Cording method	TEC Original Test Chart		
	Std.	Fine	S-Fine
33,600 bps(V.34), JBIG	2.4	3.1	7.0
33,600 bps(V.34), not JBIG	MMR 2.9	MMR 4.0	MMR 8.5
14,400 bps(V.17), JBIG	5.6	7.3	16.3
14,400 bps(V.17), not JBIG	MMR 6.7	MMR 9.3	MMR 19.9

Common Conditions : ECM , Memory to Memory

6.5.8 TRANSMISSION HEADER (TTI)

The terminal shall have the option of transmitting or not transmitting a header (TTI) that is printed out at the top of each received page of the remote receiving terminal.

Header shall be transmitted inside or outside (user selectable) of the document.

When in the ON state, the terminal shall transmit the following fields:

LOCAL MACHINE DATE AND TIME

LOCAL MACHINE NAME OR DEPARTMENT NAME

A 40 alpha-numerical field that can be programmed using any characters, numeric, and symbols from the terminal's character set. Serviceman can select either LOCAL NAME or DEPARTMENT NAME should be printed on TTI when the department code management function is enabled.

LOCAL MACHINE TELEPHONE NUMBER

A operator programmed 20 digit numeric and plus symbol. Typically this is the local phone number of the terminal.

TRANSMIT PAGE COUNT

The consecutive count of pages being transmitted in the format "PAGE n / N", where "n" is the page number count and "N" is the total scanned page number. "/ N" will be added after all documents are scanned in, or, "/N" will be transmitted if user set total page number prior to the scanning. Maximum Count = 999

JOB NUMBER

6.5.9 RTI PRINTING

Receiver's side information (as shown below) can be printed at bottom of received message. Printing ON / OFF of RTI is user-programmable.

DATE & TIME

REMOTE TERMINAL ID

RECEIVER TERMINAL ID

PAGE NUMBER : "n" , where "n" is page number count.

#### 6.5.10 PENDING JOB

The terminal can accept to reserve maximum 100 transmission jobs (include polling jobs). Transmission jobs will be started just after scanning start, if default is set to memory send and Quick Send function is turned on.

Note : "Job" means Memory Transmission (single, broadcasting, mailboxing, delayed) and Polling Reception (single, Multi, mailboxing, delayed).

#### 6.5.11 OVERSEAS TRANSMISSION

For poor line conditions such as overseas communication, user can select communication option to start 14400 bps, 9600 bps or 4800 bps.

#### 6.5.12 PAGE NUMBER SETTING OF TRANSMISSION

By entering total page number prior to transmission, total page number will be transmitted in TTI from the first page.

#### 6.5.13 SUB ADDRESS(ITU-T)

The terminal can communicate with appropriate remote terminal with using ITU-T compliant SUB / SEP / PWD command. The following mailbox and relay broadcasting functions will be available with these commands.

- |                                       |                |
|---------------------------------------|----------------|
| 1) CONFIDENTIAL TRANSMISSION :        | with SUB       |
| 2) CONFIDENTIAL POLLING :             | with SEP & PWD |
| 3) BULLETIN BOARD TRANSMISSION :      | with SUB & PWD |
| 4) BULLETIN BOARD POLLING :           | with SEP       |
| 5) RELAY BROADCASTING(Request only) : | with SUB & PWD |

The terminal has maximum 100 boxes and each box has maximum 20 digits box number and maximum 20 digits password.

#### 6.5.14 POLLING

Polling functions are divided into the polling transmission function when a preset document is sent upon receipt of a call from the other station and the polling reception function in which the calling side automatically receives a preset document.

Any machine which meets ITU-T recommendation can poll to and from INTERLAGOS.

On the other hand, INTERLAGOS has a polling function using XEROX proprietary mode which uses four-digit password.

- 
- 6.6 TEL/FAX Automatic Switch (Voice/Fax Switch)  
Facsimile incoming is automatically received by Interlagos if calling facsimile transmit CNG signal for 5.5 seconds after line is connected, when TEL/FAX reception mode is selected. After 5.5 seconds elapse without CNG signal, pseudo ring tone is emitted from monitor speaker as telephone incoming.
- 6.7 FAX/TAD Automatic Switch  
When Telephone Answering Device (TAD) is connected to "TEL" jack and TAD/FAX reception mode is selected, Interlagos does not answer until it detects CNG signal or detects no voice on the line or on hook for certain period.
- 6.8 Distinctive Ring Pattern Detection (Deferential Ringing)  
Some phone companies offer a service called distinctive Ring which allows two phone numbers to be applied to one phone line. This permits the customer to issue one number as a voice line and the other as fax line. Interlagos support this feature (in most areas). To identify which line is "active," the ringing pattern is altered by the phone company. Depending upon phone company specifications, this unit can answer as a telephone or a facsimile depending upon the Distinctive Ring setting.

7.0     TRANSCIEVER CHARACTERISTICS

7.1     COMMUNICATION RESOLUTION

7.1.1   TRANSMISSION RESOLUTION

The terminal shall have ability to transmit document in STANDARD, FINE, Super-FINE resolution. Switch to another resolution during scanning to memory or transmitting from ADF can be accepted before beginning of the document scan.

When the operator selects the resolution to Super-FINE in transmission reservation and the remote FAX machine has no capability to receive Super-FINE document, INTERLAGAOS fallbacks the resolution automatically as follows.

Document position	scale	Remote FAX machine capability					
	mm	8 x 7.7	8 x 15.4	16 x 15.4	8 x 7.7 & 11.8 X 11.8	8 x 15.4 & 11.8 x 11.8	16 x 15.4 & 11.8 x 11.8
	inch	203 x 196	203 x 392	406 x 392	203 x 196 & 300 x 300	203 x 392 & 300 x 300	406 x 392 & 300 x 300
Memory send	mm	8 x 7.7	8 x 15.4	16 x 15.4	11.8 x 11.8	11.8 x 11.8	16 x 15.4
	inch	203 x 196	203 x 392	406 x 392	300 x 300	300 x 300	406 x 392
Send from ADF	mm	8 x 7.7	8 x 15.4	16 x 15.4	8 x 7.7	8 x 15.4	16 x 15.4
	inch	203 x 196	203 x 392	406 x 392	203 x 196	203 x 392	406 x 392

7.1.2   RECEIVING RESOLUTION

The capability of receive resolution is as follows.

- 203 x 98 dpi     (STD)
- 203 x 196 dpi   (FINE)
- 203 x 392 dpi   (Semi-Super FINE)
- 300 x 300 dpi
- 406 x 392 dpi   (Super FINE)

7.2 GRAY REPRODUCTION (TBD)

With respect to the Xerox Test Pattern XTP 327.000(82P151), the terminal shall reproduce the optical density blocks at the top of the document as follows for default setting:

		Density Block Value					
Mode	Background	.20	.35	.45	.60	.85	1.20
Darken	White	White	*	Black	Black	Black	Black
Normal	White	White	*	*	Black	Black	Black
Lighten	White	White	*	*	Black	Black	Black

“\*” Indicates that these block may be reproduced as either white or black.

7.3 HALFTONE REPRODUCTION

The terminal shall provide 64 logical levels of gray scale processing. The terminal should visibly reproduce 9 levels of gray scale, including black and white, when processing IIEEJ #1 Test chart. The image are scanned and processed by ERROR DIFFUSION technique.

(The terminal should visibly reproduce 9 levels using XTP # 990.000)

## 7.4 COLOR REPRODUCTION

The test chart shall be the XTP #90.000 Standard Test Pattern. The reproduction test shall be in Copy mode. Reproduction for all characters except "Crayon Yellow" "Pencil No.3" shall be mode.

### <Judgment Criteria>

The test chart shall be reproduced for reading in normal mode in all areas except "Crayon Yellow" and "Pencil No.3". If it is not reproduced to be readable and the original test chart is judged to have low density, another test chart shall be used to repeat the test. Reproduction that yields readability in all areas except "Crayon Yellow" and "Pencil No.3" with test chart shall be acceptable.

When operating in the Lighten mode reproduction for all characters except for "Ditto Light", "Crayon Yellow", "Pencil No.3" and "Pencil No.2" shall also be reproduced.

When operating in the darken mode reproduction for all characters except for "Crayon Yellow" and "Pencil No.3" shall also be reproduced.(TBD)

## 7.5 RECORDING LEGIBILITY

At least 15 out of 18 characters within the same group should be read when reading "ISO Pattern"(Octagon pattern) of ITU-T #4 chart in FINE resolution. Legibility is measured by detecting character orientation.

## 7.6 JITTERS

Jitters caused through communication shall not exceed 1 peels total over adjacent lines.

## 7.7 SKEW

Document Skew : maximum + / - 3 mm (Letter)(0.12inches), where horizontal transmittable area is more than 199.6 mm(7.86inches) about the center of the document.

Recorded Paper Skew (Lead edge) : maximum + / - 2.5 mm (Letter)(0.10inches)  
Recorded Paper Skew (Side edge) : maximum + / - 3.5 mm (Letter)(0.14inches), where, horizontal reproducible area is more than 199.6 mm(7.86inches) about the center of the recorded data.

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**8.0 SCANNING SUBSYSTEM****8.1 SCANNING METHOD**

Scanner type is electrical scanning by contact image scanner with platen.

**8.2 SCANNING ILLUMINATION**

A LED Array whose wavelength is 570 nano meter shall be used as document illumination. Because of its single spectrum, yellow colored image on the document shall be reproduced as white.

**8.3 SCANNING SPEED**

The scanning speed is 2.5 milliseconds per line, so that pre-scanning for Memory Transmission is processed at a speed of 3.0 seconds per one A4 document in STANDARD resolution, 6.0 seconds in FINE resolution, and 12.0 seconds in Super-FINE resolution.

**8.4 SCANNING RESOLUTION**

Horizontal Scan Resolution : 8 dot/mm(203dpi), pseudo16 dot/mm(406dpi)

Vertical Scan Resolution

STANDARD : 3.85 lines / mm ( 98 dpi) +/-1 %

FINE : 7.7 lines / mm (196 dpi) +/-1 %

S-FINE : 15.4 lines / mm (392 dpi) +/-1 %

**8.5 EFFECTIVE SCANNING AREA**

Effective scanning width of the scanner shall be 212 mm (8.34inches) +/- 1%. Maximum of 216 mm (8.50inches) width paper can be inserted in the scanner. Scanning start position shall be 2.5 +/- 2 mm (0.1+/-0.08inches) from the leading edge of the document.

**8.6 CONTRAST CONTROL**

Scanning density can be changed by user according to image contrast on the document, in 3 steps (Darken / Normal / Lighten, Normal is default) .

**8.7 BACKGROUND CONTROL**

General variation of background density of the document should be controlled automatically for non-half-tone mode, so that the background can be present as white.

**8.8 INPUT DOCUMENT SPECIFICATIONS**

The terminal shall accept input document(s) that meet the following specifications.

**8.8.1 DOCUMENT THICKNESS**

Single page document : 0.06 through 0.15 mm (0.003 through 0.006inches)  
Multiple page documents : 0.065 through 0.1 mm (0.003 through 0.004inches)

**8.8.2 DOCUMENT WEIGHT**

Single page document : 52.6 through 120 g / m<sup>2</sup> (14lbs to 32lbs)  
Multiple page documents : 60 through 105 g / m<sup>2</sup> (16lbs to 28lbs)

**8.8.3 DOCUMENT WIDTH**

Minimum : 148 mm (5.83inches)  
Maximum : 216 mm (8.50inches)

**8.8.4 DOCUMENT LENGTH**

Minimum : 100 mm (3.94inches)  
Maximum

without operator assistance : 356 mm (14.02inches)

with operator assistance : 1000 mm (39.37inches)

If user need to scan a document longer than 1000 mm, user can select maximum document length to unlimited.

**8.8.5 DOCUMENT CONDITION**

The terminal shall accept documents normally used in a general office environment. Physical conditions not worse than the following conditions shall be accommodated.

**8.8.5.1 HOLES**

5 mm(0.20inches) max. holes, cleanly bored or drilled, in the document within 5 mm(0.20inches) of either the left or right edge of the document should be acceptable.

**8.8.5.2 EDGE**

To be flat and to be free of perforations. Tears, wrinkles, breaks, folds, or darting are not acceptable.

**8.8.5.3 SURFACE SUBSTANCE**

Glue, paste, and such materials heaped upon the paper are unacceptable. Paper clips, rubber bands, etc. are not acceptable.

8.9 DOCUMENT REMOVAL

It should be possible to remove document (s) from the scanner without damage to them in the event of power failure or document jam.

8.10 AUTOMATIC DOCUMENT FEEDER (ADF)

The information surface of documents to be transmitted or copied shall be placed downward in the ADF.

8.10.1 ADF CAPACITY

A4/Letter/Legal, 14lbs	:	max. 1 sheet
A4/Letter, 16lbs	:	max. 15 sheets
Legal, 16lbs	:	max. 10 sheets
A4/Letter, 20lbs	:	max. 30 sheets
Legal, 20lbs	:	max. 15 sheets
A4/Letter, 24lbs	:	max. 25 sheets
Legal, 24lbs	:	max. 10 sheets
A4/Letter/Legal, 32lbs	:	max. 1 sheet
Direct thermal printed copies (operator assisted):		max. 1 sheets

The ADF capacity should be as indicated in Appendix E for other different combinations of paper size and weight.

8.10.2 ADF ERROR TYPE DEFINITIONS

Document Jam

Defined as when a single page becomes jammed in the ADF mechanism.

Multi-feed

Defined as when more than one documents are fed into the ADF simultaneously.

Non-feed

Defined as when a document fails to feed into the ADF.

8.10.3 ADF ERROR RATE

ADF error rate shall not exceed the limit. ADF error rate is as follows.

Individual rates

Document Jam	:	<=4/1000 sheets
Multi-feed	:	<=4/1000 sheets
Non-feed	:	<=4/1000 sheets
Combined rate	:	<=6/1000 sheets

8.10.4 ADF TESTING

The test specification of ADF should be as indicated in Appendix F

8.11 SCANNED DOCUMENT STACKING

Scanned document (s) shall be stacked on the stacker. The number of stackable documents should be equal to that of set documents on the ADF. The documents are stacked in order..



9.0 RECORDING SUBSYSTEM

9.1 RECORDING TECHNOLOGY

Recording method utilizes plain paper recording with the following technology:

LASER Beam Scanning	:	LASER Diode
		Polygonal Mirror Scanning
Dry Type XEROGRAPHIC	:	Plain Paper Printing / Transparency
Photo Conductor	:	OPC Drum
Charger	:	Turn Brush + Pre-charge Film
Toner	:	Non Magnetic, Mono Component type
Transfer	:	Transfer Roller
Fixer	:	Heat & Pressure Roller
Cleaning	:	Cleaning-less

9.2 RECORDING RESOLUTION

Receiving	:	406 dpi x 392 dpi (16 dots/mm x 15.4 lines)
Copy	:	406 dpi x 392 dpi (16 dots/mm x 15.4 lines)
PC printing	:	600 dpi x 600 dpi

9.3 SUPER SMOOTHING

Recorded image quality will be enhanced with EET technology for both facsimile and printer printing.

9.4 EFFECTIVE RECORDING AREA

Effective recording area (width and length and margin) is specified in Appendix G.

9.5 RECORDING SPEED

A4, Letter	:	8.0 pages / minute (1 <sup>st</sup> tray)
Legal	:	6.9 pages / minute (1 <sup>st</sup> tray)
First Copy Output Time, hot start	:	28 seconds
First Copy Output Time, cold start	:	48 seconds (Power Save mode, 23° C)
Warm up time, cold start	:	20 seconds (Power Save mode, 23° C)

FCOT, Hot start is defined as a period of time from the moment the GREEN start button is pressed to the time when the trailing edge of the first printed page has fully exited into the output tray, provided that the heater is enough hot and is ready for printing anytime (for example, while Printer Power Save mode is OFF). FCOT, Cold start is defined as a period of time from the moment the GREEN start button is pressed to the time when the trailing edge of the first printed page has fully exited into the output tray, provided that the heater cools down like room temperature (for example, while Printer Power Save mode is ON).

Note:  
Recording speed will not change with any resolution specified in above Section 9.2.

9.6 RECORDING MEDIA

Recording Media :	Cut sheet plain paper
for North American :	Letter / Legal / A4
for South American :	Letter / Legal / A4
for European :	Letter / Legal / A4

Note : Specified envelope can be used only for PC printing via Bypass Tray.

Recording Paper Weight  
60 g / m<sup>2</sup> to 90 g / m<sup>2</sup> (16 lbs to 24 lbs)

Note: The cut sheet plain paper specified above can be fed by any of Paper Tray, Auxiliary Paper Cassette, and Bypass Tray. The Auxiliary Paper Cassette can feed the cut sheet plain paper only (includes recycle paper). The specified types of transparencies, labels, and envelopes can be fed via the paper pass as shown below.

	Type	Max. No. of Pages in Set	Paper Pass
Transparencies	Xerox #3R96023, #3R96002, #3R96000, or #3R91334	10	Paper Tray or
	Same as above	1	Bypass Tray
Labels	TBD*	1	Paper Tray or
		1	Bypass Tray
Envelope	TBD*	1	Bypass Tray

Note \*:  
The types of these media will be determined after testing with Xerox recommended media.