bizhub PRO 1050e

DO BUSINESS_BETTER

_PRODUCTION
_PRINTER
_COPIER
_SCANNER

| CONNECT_ | COMMUNICATE_ | CONTROL_ |

THE PRODUCTION PRO THAT GIVES YOU MORE.

More speed. More volume. More quality. More finishing power. Print-shop performance, at a cost far less than legacy "big iron" equipment – in a smaller footprint to save space on your production floor. Konica Minolta designed the bizhub PRO 1050e for one reason: to bring you more of everything you need in a true print professional, purpose-built for the rigors of day-in, day-out production. With high-quality output at 105 pages per minute. High-volume duty cycle of 1,500,000 impressions per month. Precision paper handling and registration accuracy. And pro-quality finishing options, including perfect binding. All to keep corporate in-plant, print-for-pay and commercial print customers satisfied – and coming back for more.
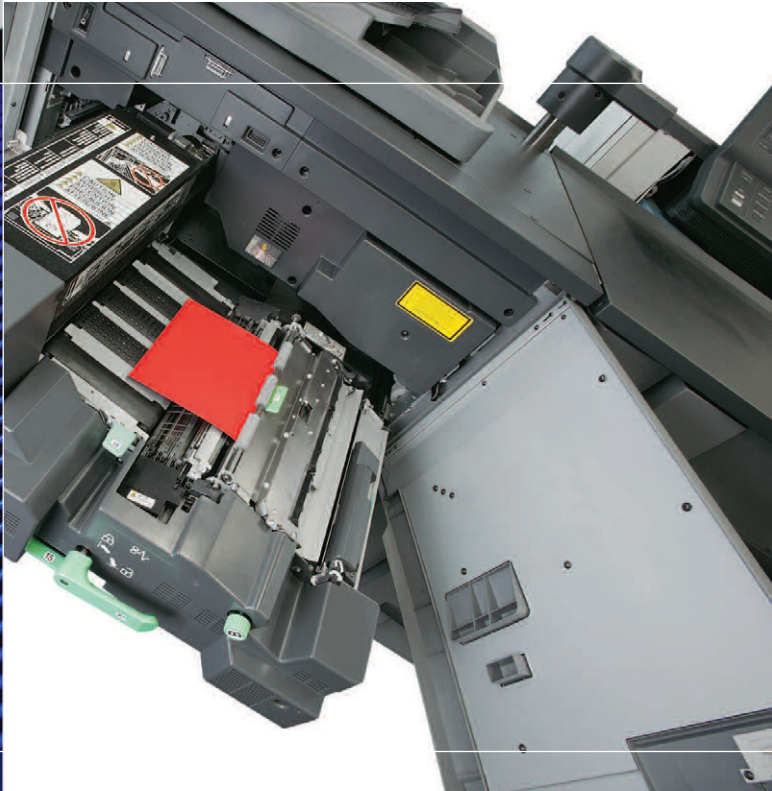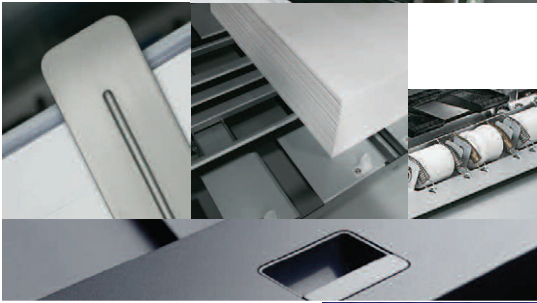
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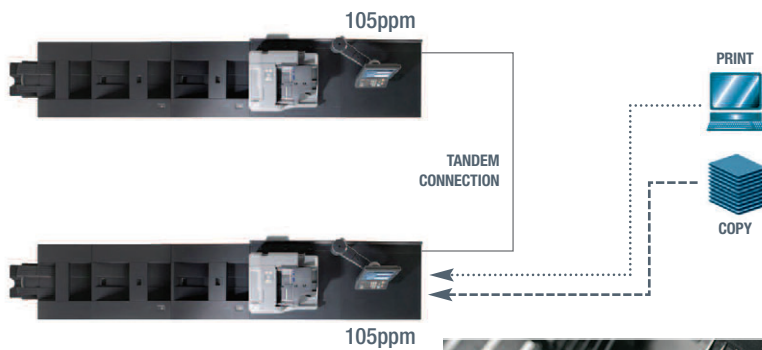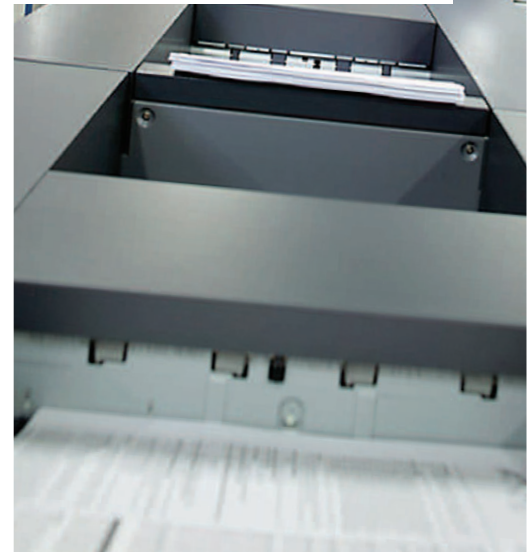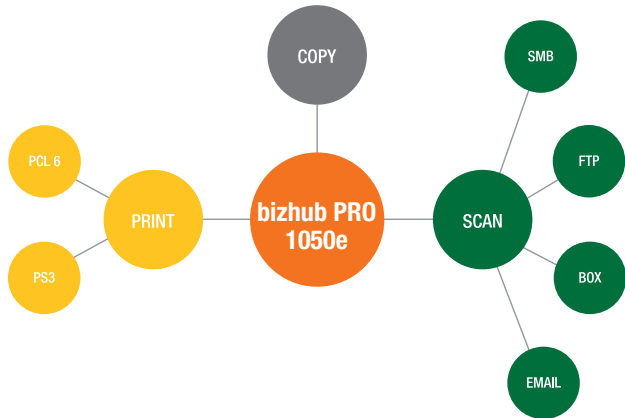
MORE ACCURACY, MORE DETAIL, MORE RELIABILITY.

At Konica Minolta, we did our homework. Talked to production print professionals. Listened to your problems. Understood your challenges. And created a new machine from the ground up, through an exhaustive process of technological innovation resulting in numerous pending patents – in make-ready, imaging and finishing.

The result is bizhub PRO 1050e – a true production powerhouse. A professional that carries you far beyond the capabilities of ordinary printer/copiers. And a proven replacement for offset systems in the digital era. Since its introduction, the original bizhub PRO 1050 has been hard at work – helping corporate CRDs and print shops produce more at lower cost, satisfying corporate and commercial customers, and winning industry awards.

Now the new bizhub PRO 1050e raises the standard for fast, efficient, full-featured production print performance – with tandem print/copy capability for 210 ppm output, HDD security enhancements to protect sensitive customer data, new ability to handle custom paper and registration adjustments, and a new perfect binder option that produces up to 600-page books, training manuals and other lengthy documents.

CONNECT_INPUT_OUTPUT_CLIENTS_PROJECTS_PRODUCTIVITY

105ppm

TANDEM
CONNECTION

105ppm

PRINT

COPY

Simitri

High-speed, high-volume production. With numerous metal component parts and robust internal design, the bizhub PRO 1050e can produce 105 ppm print/copy output through a workhorse monthly duty cycle of up to 1,500,000 impressions

The power to double your output speed. Tandem Print and Tandem Copy capabilities lets you link two bizhub PRO 1050e devices to produce up to 210 ppm – a real advantage for large jobs on tight deadlines.

Precise registration adjustment. Front-to-back registration accuracy of 0.5mm or less helps the bizhub PRO 1050e maintain job integrity, with independent adjustments for transversal direction, timing and image shift – plus low temperature fixing, improved sensing precision and creep adjustment in booklet mode.

Hands-off reliability. Air blowers in paper trays separate sheets to keep even coated paper stock moving smoothly – and ultrasonic sensors detect misfeeds to prevent paper jams before they occur and maximize print production efficiency.

Higher detail and definition. Better toner makes a big difference – and with Simitri® Polymerized Toner that uses particles of smaller size and more consistent shape, the bizhub PRO 1050e creates high-quality documents with more legible text and greater detail in halftones and graphics.

Built-in print control. The print controller is built-in, for PCL/PS3 printing and network scanning. And powerful software can streamline your workflow by helping you manage print queues, production cycles, documents and devices.
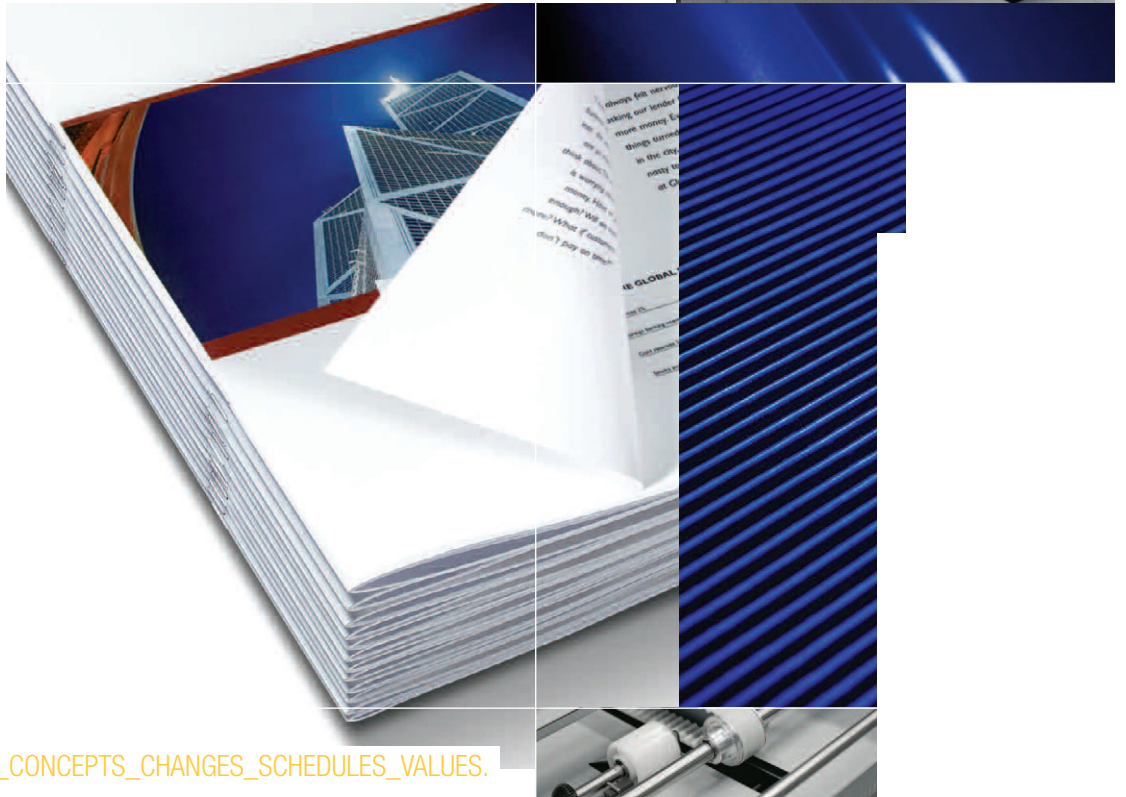
0.5mm

MORE WAYS TO GET THE JOB DONE BETTER.

The bizhub PRO 1050e is designed to work as hard as you do – and in any way that suits your workflow. It lets you customize paper handling, printing and finishing options, document data archiving and reprinting.

Powerful finishing options allow you to meet a superior range of production print demands. A multi-position staple/stacker lets you output 100-page reports with built-in staple-cutting function. Six folding options include gatefold and z-fold. You can also produce perfect-bound trimmed booklets of up to 600 pages, create saddle-stitched 200-page booklets – even add pre-printed covers or inserts post-process.

You can also handle heavy paper weights – from 16 lb. bond to 170 lb. index – and load sizes up to 12" x 18" in universal paper trays. Maximum paper capacity of 9,000 sheets lets you produce longer print/copy runs without operator intervention. And two optional rollaway stacker units, each with 5,000-sheet capacity, make it easy to move printed output for offline finishing or shipping.

COMMUNICATE_DISTRIBUTION_CONCEPTS_CHANGES_SCHEDULES_VALUES.

Feed originals faster. A standard 103 opm Reversing Auto Document Feeder handles originals up to 11" x 17" and loads up to 100 sheets – with Intelligent Job Building to let you go beyond 100 sheets.

An LCD screen that's easy to read. Simple commands and intuitive menus make operating the bizhub PRO 1050e simple for any user.

A powerful Staple/Stacker unit. The FS-503 Staple/Stacker unit provides multi-position stapling, 100-sheet staple capacity, staple cutting function, and 3,000-sheet capacity.

200-page booklet-making. The SD-501 Saddle-Stitch Unit center-staples up to 50 sheets to create 200-page booklets with in-line face trimming.

Six folding capabilities. The FD-501 Multi-Folding Unit provides six folding possibilities – half-fold, gatefold, letter fold-in, letter fold-out, double parallel fold, and z-fold – plus cover insertion and hole-punch capability.

3,000-sheet standard paper capacity. Two standard universal trays each hold up to 1,500 sheets.

6,000-sheet paper feed unit. The optional PF-701 Universal Paper Feed Unit provides three optional trays, each holding 2,000 sheets of paper in sizes up to 12" x 18".

Large-capacity stacker units. Optional LS-501 and LS-502 Large Capacity Stackers each provide 5,000-sheet capacity and roll-away carts.
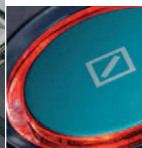
Perfect binding for books and manuals. The optional PB-501 Perfect Binder unit provides fast, inline perfect binding and trimming – with hot-melt gluing for strong, flexible 300-sheet, 600-page booklets, plus a cover tray that holds up to 1,000 wraparound covers.

Control at your fingertips: On-board control interface includes separate sequences for printing, copying and scanning – so even an untrained operator can print like a pro in no time.

On-screen preview: Check a thumbnail image of the document before you print – checking page layout, margins and overall appearance to cut the need for wasteful reprints.

Paper selection at a glance: Graphic icons highlight paper tray and output tray to make setup even easier.

MORE POWER TO SPEED PRINT PRODUCTION.

In today's world of rising costs and shrinking deadlines, output speed is important – but workflow efficiency is essential.

That's why every bizhub PRO 1050e has built-in print control, a powerful 40 GB hard disk drive and genuine Adobe PS3 and PCL5e/XL (PCL6) interpreters with versatile, easy-to-use print drivers. You'll also have on-board control of a wide range of print production and finishing functions – including Job Memory (up to 30 jobs), Recall and Reserve (up to 500 jobs) for quick printing and reprinting.

Controls are at your fingertips. Commands are logical. Menus are intuitive – and organized by function, with separate sequences for scanning, copying and printing. Without leaving your bizhub PRO 1050e, you can preview an on-screen thumbnail of the document you're about to print – allowing you to check page layout, margins and overall appearance to avoid wasteful re-runs. Comprehensive setup and input/output settings are made even easier by a graphic icon that highlights input and output paper tray location.

There's a complete suite of PageScope® software to speed your production workflow, including PageScope Direct Print for faster output of PDF and TIFF files, and PageScope Job Spooler for flexible print queue management. PageScope Web connection lets you check device status via your standard web browser. And PageScope Net Care helps IT administrators manage all MIB-compliant output devices from a single point – even models made by other manufacturers.

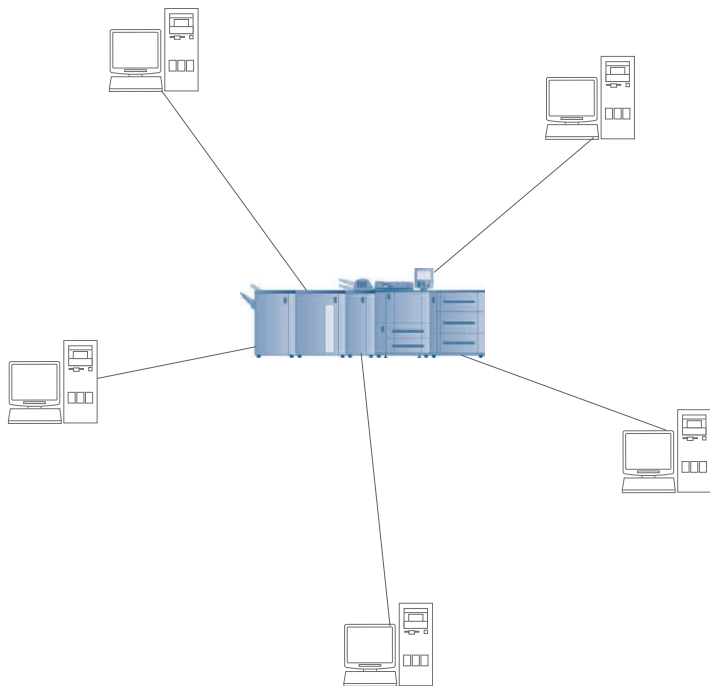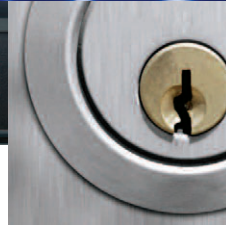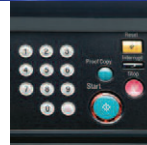**CONTROL**_SPEED_QUALITY_RELIABILITY_FLEXIBILITY_SECURITY

Fast, flexible scanning: The bizhub PRO 1050e provides Scan-to-Email, Scan-to-SMB (PC desktop), and Scan-to-HDD to store documents on your built-in high-capacity disk drive. Scan-to-FTP enables retrieval by any network user – and TWAIN scan permits retrieval of images scanned into your hard drive.

Control print queues more effectively. With PageScope Job Spooler, you can view and manage your bizhub PRO 1050e print queue from any network-connected PC.

Print jobs more quickly. PageScope Direct Print lets you send PDF or TIFF files to your bizhub PRO 1050e via simple commands without using print drivers or application software.

Printgroove – your total production solution. Input jobs 24/7 via the internet, handle files in any format, create and update job tickets, track jobs and manage account information - all automatically

0.5mm

bizhub PRO 1050e
GENERAL SPECIFICATIONS

TYPE:
CONSOLE DIGITAL PRINTER/COPIER/SCANNER

IMAGING SYSTEM:
LASER ELECTROSTATIC

DEVELOPMENT SYSTEM:
NEXT-GENERATION SIMITRI®
 POLYMERIZED TONER

MONTHLY DUTY CYCLE:
1,500,000 PAGES

PRINT/COPY SPEED:
105 PPM

PRINT RESOLUTION:
1200 X 600 DPI

REGISTRATION ACCURACY:
0.5MM OR LESS

SCANNING SPEED:
103 PPM

SCAN RESOLUTION:
200, 300, 400, 600 DPI

HALFTONE REPRODUCTION:
256 GRADATIONS

MEMORY:
512 MB (STANDARD)
40 GB (HDD)

WARM-UP TIME:
LESS THAN 6 MINUTES

FIRST COPY:
LESS THAN 3 SECONDS

COPY QUANTITY:
1 - 9,999 COPIES (COUNTDOWN,
 INTERRUPT CAPABILITY)

MAGNIFICATION:
ZOOM RANGE: 25 - 400%, 0.1% INCREMENTS
PRESET REDUCTION: 93%, 77%,65%, 50%
PRESET ENLARGEMENT: 121%,129%,
 155%, 200%

EXPOSURE MODES:
AUTO
TEXT
PHOTO
TEXT/PHOTO
MANUAL

ORIGINAL SIZE:
TO 11" X 17" MAXIMUM

PAPER SIZE:
4" X 6"* TO 12" X 18"

PAPER WEIGHT:
11 LB. BOND TO 140 LB. INDEX UP TO
 170 LB. INDEX /300 GSM (FROM TRAY 4)
OHP TRANSPARENCIES, TAB PAGES,
 COATED STOCK

PAPER SUPPLY:
TRAY 1: 1,500-SHEET UNIVERSAL PAPER TRAY
TRAY 2: 1,500-SHEET UNIVERSAL PAPER TRAY

OPTIONAL PAPER SUPPLY:
THREE-TRAY UNIVERSAL PAPER FEED
UNIT, INCLUDING:
 TRAY 3: 2,000-SHEET CAPACITY
 TRAY 4: 2,000-SHEET CAPACITY
 TRAY 5: 2,000-SHEET CAPACITY

MAXIMUM PAPER CAPACITY:
INPUT: 9,000 SHEETS (TOTAL, WITH OPTIONAL
 PAPER FEED UNIT)
OUTPUT: 10,000 SHEETS (TOTAL, WITH 2
 OPTIONAL STACKER UNITS)

DOCUMENT FEEDER:
DF-603 REVERSING AUTO DOCUMENT FEEDER
 (STANDARD)

SPEED:
103 OPM

PAPER CAPACITY:
UP TO 100 SHEETS

PAPER SIZE:
5-1/2" X 8-1/2" TO 11" X 17"

PAPER WEIGHT:
UP TO 110 LB. INDEX, 200 GSM

POWER REQUIREMENTS:
208 - 240 V, 17.6 A, 60 HZ

POWER CONSUMPTION:
3.66 KW (MAX. WITH FULL OPTIONS)

MAIN BODY DIMENSIONS (W X D X H):
35-1/4" X 30-1/2" X 46-7/8"
(895 X 775 X 1190 MM)

WEIGHT:
683 LBS. (310 KG) (WITH ADF)

OPTIONS:
PB-501 PERFECT BINDER
 (300-SHEET, 600 PAGE INLINE PERFECT
 BINDING WITH COVER PRINTING OR INSERTION)
FS-503 STAPLER/STACKER UNIT
 (100-SHEET CAPACITY, STAPLE,
 CUTTING FUNCTION)
FD-501 MULTI-FOLDING UNIT
 (6 FOLDING TYPES, COVER INSERTER, POST-
 INSERTION, HOLE-PUNCH)
SD-501 SADDLE-STITCH UNIT
 (50 SHEETS, 200-PAGE BOOKLET-MAKING)
LS-501 LARGE CAPACITY STACKER
 (5,000-SHEET CAPACITY)
LS-502 LARGE CAPACITY STACKER
 (5,000-SHEET CAPACITY)
PF-701 PAPER FEED UNIT
 (THREE UNIVERSAL TRAYS,
 EACH 2,000-SHEET CAPACITY)
PP-701 PAPER FEED ASSISTANCE FAN
 (DECREASES ADHESION TYPICAL OF
 PREPRINTED OR PRECONDITIONED STOCK)
RC-501 TONER RECYCLE BYPASS KIT
POSTCARD FEED KIT
SMALL CUSTOM SIZE UNIVERSAL FEED KIT
REMOVABLE HDD KIT

PAGESCOPE APPLICATIONS:
PRODUCTION PRINTING:
PAGESCOPE DIRECTPRINT
PAGESCOPE JOB SPOOLER

NETWORK & DEVICE MANAGEMENT:
PAGESCOPE EMS PLUG-INS
PAGESCOPE NDPS GATEWAY
PAGESCOPE NET CARE
PAGESCOPE NETWORK SETUP
PAGESCOPE WEB CONNECTION

AVAILABLE FUNCTIONS*

ANNOTATION (BATES STAMP)
AUTO PAPER SELECTION
AUTO MAGNIFICATION SETTING
AUTO DOCUMENT FEEDING
AUTO DUPLEX, STACKLESS
AUTO LAYOUT (CENTERING)
AUTO LOW POWER, RESET, SHUTOFF
AUTO/TEXT/PHOTO/INCREASE
CONTRAST EXPOSURE MODES
AUTO TRAY SWITCHING
BOOK COPY
BOOKLET MAKING
BORDER ERASE (FRAME, FOLD, FRAME & FOLD)
COVER INSERTION
ELECTRONIC COPY MONITOR (1,000 ACCOUNTS)
ENERGY SAVE MODE
ERASE (FRAME, FOLD, NON-IMAGE AREA)
FACE-UP OR FACE-DOWN OUTPUT
FOLDING (BOOKLET, GATEFOLD, LETTER
 FOLD-IN, LETTER FOLD-OUT, DOUBLE
 PARALLEL, Z-FOLD)
GROUPING
HOLE-PUNCHING (2-HOLE, 3-HOLE)
IMAGE INSERT
IMAGE OVERLAY (SCANNED IMAGE ONTO
 COPIED IMAGE)
IMAGE REPEAT
IMAGE ROTATION
IMAGE SHIFT
INTELLIGENT JOB BUILDING
INTERRUPT (PAUSE)
JOB MEMORY (30 JOBS), RECALL,
 RESERVE (100 JOBS)
JOB STATUS
MIXED ORIGINAL DETECTION
NEGATIVE IMAGE CAPABILITY
OHP INTERLEAVE (BLANK OR COPIED SHEETS)
PRINT SPOOLING
PROOF COPY
ROTATION EXIT (HORIZONTAL/VERTICAL)
SADDLE-STITCHING (CENTER-STAPLING UP TO
 50 SHEETS FOR 200-PAGE BOOKLETS)
SCANNING: EMAIL, FTP, PC, HDD,
TWAIN SCAN (HDD DATA CAN BE RETRIEVED
 THROUGH THE TWAIN DRIVER)
SECURE PRINT
SEPARATE SCANNING (JOB BUILDING)
SORTING
STAMPING
STAPLING
STORYBOARDING (2-IN-1, 4-IN-1, 8-IN-1,
 EVEN 16-IN-1 FROM PRINT DRIVER)
TABS (FROM TABBED ORIGINALS TO TABBED
 SHEETS WITH TAB EJECTION FEATURE)
TANDEM COPY/PRINT CAPABILITY
WEEKLY TIMER
ZOOM

PRINT CONTROLLER SPECIFICATIONS

TYPE:
INTERNAL PRINT CONTROLLER

CENTRAL PROCESSING UNIT:
INTEL® PENTIUM® III @ 933MHZ

MEMORY:
512 MB

HARD DISK DRIVE:
20 GB

PRINT DRIVERS:
WINDOWS, 98, ME, NT4.0, 2000, XP, 2003
MAC OS 8.0 OR LATER
MAC OS 10.2/10.3

PAGE DESCRIPTION LANGUAGE:
PCL5E/XL (PCL6)
ADOBE POSTSCRIPT 3

FONTS:
PCL FONTS: 88
POSTSCRIPT FONTS: 136
INTERFACE:
ETHERNET 10/100 BASE T
PARALLEL IEEE 1284

SECURITY:
ISO-15408 COMPLIANT
NETWORK SCANNING:
EMAIL, FTP, PC, HDD, TWAIN SCAN
 (HDD DATA CAN BE RETRIEVED
 THROUGH THE TWAIN DRIVER)