

# PROFESSIONAL COLOR OUTPUT Powerful Document Capture & Pouti

# **Powerful Document Capture & Routing**























BUSINESS-CLASS DOCUMENT SOLUTIONS



# **Exceptional Color Printing**

- The MFX-C2828 produces high-speed color output at up to 28 pages-per-minute
- Advanced color technology sharpens output to produce rich, highquality documents using ordinary office paper
- PCL 5c / 6 and PostScript3 enable printing from a variety of operating systems and network environments
- Secure printing suppresses document printout until a password has been entered on the control panel
- The MFX-C2828 can print on a variety of media including postcards, recycled paper; waterproof paper; envelopes, labels and even 11.75" x 47.25" banner paper
- Optional EFI Fiery™ Image Controller offers sophisticated color management and document printing tools. This option enables you to handle specific Pantone™ color requirements and fine-tune color output with advanced control capabilities.

# **Efficient Document Handling**

- 100-sheet reversing automatic document feeder (RADF) efficiently captures two-sided, multi-page documents
- II" x I7" platen glass enables the seamless copying of carbon papers, bound documents, photos, coated identification cards and other media that is not suitable for the RADF
- The MFX-C2828 comes standard with (2) 500-sheet paper cassettes that support paper sizes up to 11" x 17". The 150-sheet multipurpose bypass tray supports postcards, labels, 100 lb. cover stock, envelopes, waterproof paper and 11.75" x 47.25" banner sheets.
- Optional paper cassettes can be added to bring the total paper capacity to 3,650 sheets
- Supports mixed original copying
- Optional document finishing capabilities include stapling, booklet creation, hole punching and shift sorting



MFX-C2828

With the MFX-C2828 from Muratec offices will benefit from accelerated document processing, high-speed output, innovative document routing and cost-effective performance to keep pace with rising document demands. The MFX-C2828 is the perfect document solution for:

- Workgroups that want to cost-effectively add color to everyday business documents such as financial reports, sales forecasts and internal presentations.
- Sales representatives that demand exceptional color quality for client proposals and presentations.
- High-security office environments that require complete document & device integrity.
- Customer support groups that wish to easily create bound instruction manuals, add color to installation guides and more.

# **Digital Document Delivery**

- Easily deliver color documents to e-mail addresses, PC folders, user boxes and FTP sites
- Optional scanning & workflow tools enable direct scanning into SharePoint™, conversion of scanned PDF images into searchable documents, creation of customized document workflows and more
- Documents can be delivered in PDF, TIFF, IPEG and XPS file formats
- On-the-go users can conveniently scan documents to a portable USB flash drive
- Intuitive touchscreen QWERTY keypad, as well as the optional external keyboard, enables the quick customization of scan file names, e-mail text messages, e-mail addresses and more
- High-speed fax modem delivers faxes at up to 3 seconds-per-page.

# **Environmentally Responsible**

- Standard duplex (2-sided) printing reduces paper consumption
- Energy Star® compliance promotes responsible energy usage
- The MFX-C2828 uses Biomass toner, a renewable organic resource that is more environmentally friendly when compared to traditional toner compositions
- MFX-C2828 imaging supplies are designed for reclamation and recycling
- Consolidate multiple functions, such as printing, scanning and faxing, into a single, energy-efficient device
- Inbound fax routing to e-mail reduces paper consumption and increases document security

# STANDARD CONFIGURATION & BASIC OPTIONS

### **MFX-C2828 Standard Configuration**



#### MFX-C2828 Standard Features:

- 100-Sheet Reversing Automatic Document Feeder
- (2) 500-Sheet Paper Cassettes
- I 50-Sheet Multipurpose Bypass Tray
- Color scan to e-mail, PC, FTP and user box.

## **Document Finishing**



### Internal Finisher - C2828FN

- Staples up to 50 sheets.
- Multi-position stapling.



# Floor Finisher – C2828FN2

- Staples up to 50 sheets.
- Top tray output capacity = 200 sheets.
- Bottom tray output capacity = 3,000 sheets
- Hole Punching can be added (C2828PUN).
- Saddle stitch attachment (C2828FNSDL) can be added to enable booklet creation.

# **Paper Options**



#### C2828CASI

 Increases paper capacity to 1,650 sheets and includes small storage drawer



#### C2828CAS2

 Increases paper capacity to 2,150 sheets.



#### C2828CASL

 Increases paper capacity to 3,650 sheets (large capacity cassette supports letter-size paper only)



#### C2828CAB

 Raises machine height without increasing paper capacity.

\*For additional device options please consult the MFX-C2828 Accessories Guide.

# INTUITIVE OPERATION







What good is having a robust office solution if it's too hard to use? The MFX-C2828 combines advanced document technologies with an easy-to-use color touchscreen that enables users to take full advantage of the MFP's capabilities. The MFX-C2828 enables users to:

- · Quickly adjust document settings prior to job execution.
- Adjust the screen for maximum viewing & access (Meets Section 508 Accessibility Requirement)
- Guidance key provides users with immediate access to device assistance. Animations provide visuals that enable the end user to clearly understand job execution and device features.
- Release print jobs from device memory.
- Configure user settings and document security parameters.
- Access common functions (copy, fax and scan) at the touch of a button.
- The Enlarge Display mode displays text and illustrations in a larger size so
  that they can be more easily viewed and read. Enlarge Display is compatible
  with basic copy, scanning and fax functions.

# ADVANCED DOCUMENT & DEVICE SECURITY

The MFX-C2828 is certified for ISO 15408 Common Criteria security classification that meets the strict version 3.1. Standard security protections include:

- Secure print which requires device authentication before releasing a print job from memory
- Customized user authentication for printing, scanning, faxing and user boxes
- Encrypted PDF workflow protects information as it passes from the PC to the network
- IP Filtering restricts access to the device based on an IP address authentication list
- SSL/TLS encryption that protects data during an exchange with an LDAP server
- S/MIME encryption to safeguard e-mail exchanges
- Audit Log/Image Log to track usage and control access.

Optional authentication tools, such as the biometric authentication unit and HID authentication card reader and HID authentication tool kit, can provide additional layers of authentication without compromising user efficiency.



Optional Biometric Authentication Unit



# MEDIA FLEXIBILITY

Looking to add some spot color for an internal presentation? No problem.

Delivering that final proposal to an important client? We've got you covered.

Since every print job is unique the MFX-C2828 was designed with media flexibility in mind. With the MFX-C2828 users can interchange between everyday office paper, color laser copy paper, glossy paper, cover stock, waterproof paper and a variety of other

media types without hassle.



**See Management About Employee Discounts** 

Paper Tray	Min – Max Size	Min – Max Weight
Multipurpose Bypass Tray	4" × 6" – 12" × 18"	16 lb. bond – 100 lb. cover
Paper Cassette I	$5.5" \times 8.5" - 11" \times 17"$	16 lb. bond - 140 lb. index
Paper Cassette 2	$5.5" \times 8.5" - 11" \times 17"$	16 lb. bond - 140 lb. index
Paper Cassette 3 (Optional)	$5.5" \times 8.5" - 11" \times 17"$	16 lb. bond - 140 lb. index
Paper Cassette 4 (Optional)	$5.5" \times 8.5" - 11" \times 17"$	16 lb. bond - 140 lb. index
Large Capacity Cassette (Optional)	8.5" × 11"	16 lb. bond - 140 lb. index

# 11.25" x 47.25" - Banner

Color banners help draw attention to a special event.

Applications include:

- Trade Show Signage Party Store Profit Center (Birthday Banners)
- Event Announcements



# Recycled Paper

The MFX-C2828 delivers exceptional output results when using recycled papers featuring 30%, 50% and 100% post consumer recycled content.

# Waterproof Paper

Waterproof paper is designed for harsh applications & climates.

Applications include:

- Real Estate Collateral

Booklets If the optional

floor finisher and saddle stitcher have been installed

- Maps / Signs • Menus
- Outdoor Bulletins • Construction Site Collateral



8.5" x 11" - Letter

8.5" x 14" - Legal



# Specials

Chicken Pita Wrap Arugula Pecan Salad Tuna Ciabatta Melt Spinach Portabella Sandwich

# TOURNAMENT

users can create distribution-ready booklets. This is the perfect application for manuals, company brochures, financial reports, in-house publications, event guides and more.



# Specialty Paper

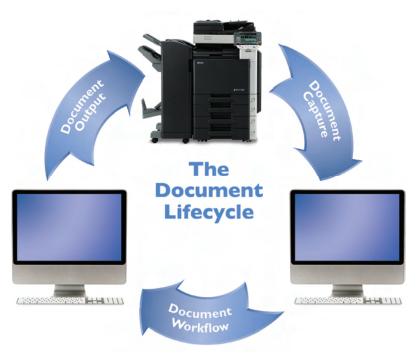
Speciality paper can enhance the perception and uniqueness of a document.

Applications include:

- Cover Letters / Resumes
- Menus / Wine Lists
- Special Recognition / Awards

# DOCUMENT DELIVERY SOLUTIONS

The MFX-C2828 is more than just a color printing solution. With the ability to electronically capture hardcopy documents and deliver them to e-mail addresses, PC locations, fax terminals and USB drives, the MFX-C2828 is a key component in the document lifecycle.



# E-mail

- Preview and edit scanned images on the MFP touch screen.
- Large color touch screen makes it easy to enter e-mail addresses, add text to an e-mail, select preregistered recipients and more.
- Ultra-Compact PDF technology produces smaller file sizes, while actually raising the quality of conventional compact PDF images to a level that approaches normal PDF. This solution can greatly reduce network bandwidth usage when scanning to an e-mail address.
- · Supports LDAP.

#### PC

• Deliver documents to a PC folder at the touch of a button utilizing scan profiles.

# **Advanced Scanning Solutions (Optional)**

- Scan to SharePoint™ option enables users to share hardcopy documents quickly and easily, as well as make document collaboration a highly efficient process.
- Web browser solution allows you to access the Internet from the panel of the MFX-C2828 through a built-in web browser. This enables you to view web page content directly from the LCD panel on the MFP.
- The searchable PDF solution adds transparent text data to scanned images during the scanning process, simplifying retrieval from your PC.

# Fax (Optional)

- 33.6 Kbps fax modem transmits documents at up to 3 seconds-per-page.
- Store up to 2,000 fax numbers in the address book for instant recall.
- Broadcast a document to up to 605 locations and create group dials with up to 500 locations per group.
- Quickly send documents from a PC using the fax driver.
- Route inbound fax documents to an e-mail address to reduce paper consumption, increase document security and receive critical communication when out-of-the-office.
- T.37 Internet Faxing is supported.

#### LISE

 Quickly and securely digitize documents, without a PC, by capturing images directly onto a USB flash drive via the side-mounted USB port.



- Documents can be printed directly from a USB flash drive. Supported file formats include PDF, IPEG, and TIFF.
- Administrators can enable/disable USB device usage in total, or restrict usage by user with user authentication.

### Scan to Box

- Scanned data can be sent to the MFX-C2828 hard disk drive and stored in "Boxes" for access and reuse by individual users, project teams or departments.
- Quickly enter a file name from the MFX-C2828 control panel.
- Documents that are stored in boxes can be printed directly from memory (on-demand printing)

# MFX-C2828 SPECIFICATIONS

Type	Full-Color Printer/Copier/Scanner
Type Print/Copy Process; Toner Type	Tandem Process; HD Toner with Biomass
Monthly Duty Cycle	75,000 pages
Print/Copy Speed	Full Color & B&W: 28 ppm (letter, portrait)
Print/Copy Resolution	1800 dpi x 600 dpi
Scan Speed/Resolution	Full Color: 70 opm (@300 dpi, letter), 42 opm (@600 dpi, letter), B&W: 70 opm (@300 dpi, letter), 42 opm (@600 dpi, letter) / 200 dpi, 300 dpi, 400 dpi, 600 dpi
Scan File Formats	TIFF, PDF, Compact PDF, IPEG, XPS, Compact XPS
Memory/Hard Disk Drive	2 GB (shared print, copy, scan and fax memory) / 250 GB HDD (shared print, copy, scan and fax)
Gradation	256 color shades per pixel
Original Size	Up to 11" x 17" (scanning/copying), Up to 11" x 17" full bleed on 12" x 18" paper (printing)
Warm Up Time (Full Color/B&W)	35 seconds or less / 27 seconds or less
First Copy Time	7.7 seconds or less / 5.8 seconds or less
Copy Quantity	1-9.999
Magnification	Zoom range: 25% - 400%, 0.1% increments, Preset reduction: 79%, 73%, 65%, 50%, Preset enlargement: 121%, 129%, 155%, 200%
Color Modes	Auto Color, Full Color, Black & White, 2-Color, Single Color
Copy Exposure Modes	Text (legible text), Text/Photo (clear text and halftones), Photo (optimized for gradations), Map (fine edges and legible text), Dot Matrix (dot matrix or pencil originals), Copied Paper
Faxing (Optional)	Super G3 compatibility, MH, MR, MMR, JBIG data compression, 33.6 Kbps modem speed, F-Code support
Fax Transmission Speeds	Less than 3 seconds/page (V.34, JBIG, Standard Resolution)
Fax Exposure Modes	Text, Text/Photo, Photo, Dot Matrix, Copied Paper
Standard Paper Capacity	500-sheet universal cassette (16 lb. bond to 140 lb. index), 500-sheet universal cassette (16 lb. bond to 140 lb. index), 150-sheet bypass (16 lb. bond to 100 lb. cover or up to 271 gsm)
Maximum Paper Capacity	3,650 sheets (total, with options)
Document Feeder	Reversing Automatic Document Feeder, Speed: Full Color: 70 opm, B&W: 70 opm, RADF Capacity: 100 sheets, Paper Size: 5.5" × 8.5" to 11" × 17"
Power Requirements/Consumption	120V, 60Hz / Less than 15kW
Dimensions (WxDxH)/Weight	25.31" × 33.38" (27.75" without control panel) × 35.38" (includes RADF) / 216 lb.
Options	Biometric Authentication Unit, HID Card Authentication Unit, iClass Card Unit, Magnetic Stripe Card Reader, Paper Cabinet, USB Interface for External Keyboard, Tax Kit, 2nd Fax Line, Floor Finisher, Inner Finisher, Image Controller (EFI Fiery Controller), Job Separator Tray, Job Separator Tray (3rd Output Tray), Keyboard Holder, Banner Paper Guide, Original Platen Cover, 500-sheet Paper Cassette, (2) 500-sheet Paper Cassettes, 2,500 sheet Large Capacity Cassette, Hole Punch Kit, Copy Guard Kit, Saddle Stitcher Kit, Fax Stamp Unit, i-Option Memory Upgrade Kit, Working Table, Working Table (Side Panel Kit), Video Interface Kit
Available Print/Copy Functions*	Account Track (1,000 accounts), Administration Mode, Auto Duplex, Auto Trapping, Auto Tray Switching, Bi-Directional Communication, Black Over Print, Bluetooth Printing, Card Shot, Color Modes & Functions (Auto Color/Full Color; Black & White Mode, Single Color Mode, 2-Color Mode), Color Adjustments, Copy Guard, Copy Modes (Simplex/Duplex, 2-in-1, 4-in-1, 8-in-1, Book, Booklet, Booklet + Bind), Cover Mode, Creative Functions (Mirror Image, XY Zoom, Image Center; Base Color; Neg/Pos. Reverse, Image Repeat), Encrypted Network Password Printing, Energy Save Mode, Enlarge Display, Erase (Border, Frame, Edge), Mode, Finishing (Group, Sort, Staple, Punch, Half-Fold, Center Staple and Fold), Form Overlay, Glossy Mode, HDD Encryption, HDD Job Overwrite, HDD Sanitizing, Image Adjustments (Color Matching, Pure Black Auto ON/OFF, Color Balance, Screen Settings, Image Smoothing ON/OFF), Image Preview (Job Finishing Image Display, Engine Configuration Display), Import/Export files to/from User Box, Interrupt, Job List, Job Reserve, Job Skip, LDAP, Mixplex, Mix-Media, MyTab, Non-Image Area Erase, OPI Interleaving, Outline PDF, Program/Recall Jobs, Paper Type Selection, (Normal, Thick 1, Thick 2, Thick 3, Thick 4), Password Copy, Print Modes (Simplex/Duplex, 2-in-1, 4-in-1, 6-in-1, 9-in-1, 16-in-1, Booklet, Booklet + Bind), Print from USB, Proof Copy, Searchable PDF, Secure Printing, Separate Scan, Text Enhancement, User Authentication (Up to 20 Authentication Servers) (Synchronize w/Account Track), User Box Function, Utility (Meter Count, Environment Setting, Default Setting, One-Touch Setting, Check Consumables Life), Watermark, Zoom Selection
Available Scan Functions*	Scan-to-Email, Scan-to-FTP, Scan-to-HDD (Scan-to-User Box), Scan-to-Me/Scan-to-Home, Scan-to-SharePoint, Scan-to-SMB (Scan-to-Desktop), Scan-to-USB, Scan-to-WebDAV, Network TWAIN, WS-Scan, Color Internet Fax
Available Fax Functions*	Autodialing (2,000 one-touches), Auto Memory Reception, Auto Reduction Printing, Broadcasting (maximum 605 locations), Bulletin Board, Duplex Transmission/Reception, Exposure Mode, Group Dialing (up to 500 one-touches per group), Image Rotation Transmission/Reception, Mailbox Transmission/Reception, Memory/Quick Dial, Overseas Transmission, Password Transmission/Reception, PC-Fax, Polling Transmission/Reception, Priority Transmission, Print Setting or Overnight Reception, Program Dialing (400 programs), Redial, Relay Broadcasting, Relay Transmission, Remote Reception, Timer Transmission, TSI Routing
Applications	Network & Device Management: PageScope Data Administrator, Driver Packaging Utility, HDD Back-Up Utility, Download Manager (ICC Color Profile Utility), Log Management Utility, User Tools: PageScope Web Connection, PageScope Direct Print, PageScope Box Operator, PageScope Print Status Notifier; Font Management Utility, Copy Protect Utility
Optional Software	Enterprise Suite: Account Manager, Authentication Manager, MyPrint Manager, MyPanel Manager, NetCare Device Manager (standard)
Processor	I GHz
Memory/HDD	2 GB (shared copier memory) / 250 GB (shared copier HDD)
Page Description Language	PCL5e/c, PCL6 (XL v.3.0) Emulation, PS3 (v.3016) Emulation, XPS v.2.1.4.0 (XML Paper Specification)
Fonts	PCL: 80 fonts, PostScript 3 Emulation: 137 fonts
Print Drivers	PCL6: Windows 2000 Professional, Windows NT 4.0, Windows XP Home/Professional (x32, x64), Windows Vista (x32, x64), Windows 7 (x32, x64), Windows Server 2003 (x32, x64), Windows Server 2008 (x32, x64) PS3: Windows 2000 Professional, Windows XP Home/Professional (x32, x64), Windows Vista (x32, x64), Windows XP Home/Professional (x32, x64), Windows Vista (x32, x64), Windows Server 2003 (x32, x64), Windows Server 2008 (x32, x64), Windows Server 2003, Windows Server 2008 (x32, x64) XPS: Windows Vista (x32, x64), Windows 7 (x32, x64), Windows Server 2008 (x32, x64) Mac: OS 9.2 (PPD file), OS X 10.2, 10.3, 10.4; Intel-based: 10.4 (print driver), 10.5, 10.6
Interface	10 Base-T/100 Base-TX/1000 Base-T, USB 1.1, USB 2.0, USB Host
Protocols	TCP/IP (IPv4/IPv6), BOOTP, ARP, ICMP, DHCP, DHCPv6, AutoIP, SLP, SNMP, FTP, LPR/LPD, RAW Socket, SMB, IPP, HTTP, POP, SMTP, LDAP, NTP, SSL, IPX/SPX, AppleTalk, Bonjour, NetBEUI, WebDAV, DPWS, S/MIME, IPsec, DNS, Dynamic DNS, LLMNR, LLTD

<sup>\*</sup>Some functions may require optional accessories.



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