Lexmark XS790 Series Color laser MFP

Work smart. Color smart.

- Color
- 10.2-In. Touch Screen
- Copy
- Scan
- Fax
- Solutions
- Up to 50 ppm
- Duplex
- Network
Why Lexmark?

Founded in 1991 from an IBM heritage in Lexington, Kentucky, Lexmark is one of the few American companies to own, develop and market inkjet, monochrome laser and color laser print technologies. Lexmark is poised to deliver on its promise to produce quality, dependable products well into the future.

Lexmark XS790 Series Highlights

Make a lasting impression with award-winning color.
The documents you print define an important image - yours. That's why Lexmark color MFPs help businesses be more productive and stand out with vibrant color. With the ability to print professional-quality color in-house, you can add instant impact and save costs by virtually eliminating the need to outsource print jobs. Lexmark also offers a host of color-access and control tools to manage costs.

Eco-responsible. Printing responsibly means everyone wins – your business, your budget and the environment. Lexmark's award-winning products are designed for ease of use, high-quality output and reliable performance, with innovative capabilities that help you minimize the number of cartridges you use over the life of the printer and conserve paper and energy. Our goal is to design, package and deliver innovative products and solutions in an environmentally responsible manner.

The Lexmark Cartridge Collection Program is active around the world, providing a variety of methods for free returns of your empty cartridges to Lexmark or our collection partners. Our goal: Make it easy to do the right thing.

Environmental protection is a shared responsibility.
Through work with industry groups, Lexmark helps guide the formation of standards and guiding principles for environmental sustainability.

Our memberships include
AeA Europe
American National Standards Institute (ANSI)
Ecma International
Electronics Industry Citizenship Coalition (EICC)
European Information & Communications Technology Industry Association (EICTA)
Information Technology Industry Council (ITI)
ITI Environmental Leadership Council
Lexmark XS790 Series Overview

**Robust color output.** Designed for busy color environments, the Lexmark XS790 Series delivers vibrant, professional quality output that is consistent from the first page to the last.

- Lexmark Extra High Yield Print Cartridges are available, offering yields of up to 20,000¹ pages
- Print and copy at speeds as fast as 50 ppm in both black and color
- PANTONE® calibration for consistent color tones
- Named Color Replacement for easy color matching
- Lexmark ColorCare Technology to manage color usage and control costs
- Instant warm-up fuser to help reduce energy consumption and improve time to first page

**Business productivity.** The Lexmark XS790 Series combines exceptional multifunction performance with time-saving applications designed to make you more productive. These MFPs can deliver the performance of much larger copiers, but with a smaller footprint and a more affordable price.

- Duplex scanning to scan both sides of your documents in one pass
- Advanced copy functions let you interrupt long print runs to make a quick copy and proof the first copy set before completing your copy job
- Scan to multiple destinations, including scan to email, scan to FTP, scan to fax, scan to network, and more
- Preloaded applications to drive greater efficiency, and Lexmark Embedded Solutions Framework to further extend the capabilities of the device

**Easy and intuitive.** The Lexmark XS790 Series is designed for easy operation and maintenance.

- Extra large, easy to navigate 10.2-inch color touch screen provides audible and tactile feedback to make completing tasks intuitive
- Print and scan preview features help you select documents or specific pages within a document
- Directional lights on the device provide visual cues to guide you through tasks
- Eco-friendly settings such as the Sleep Button and Hibernate Mode
- Available device fleet management software
Save time and money through solutions

Reduce unnecessary printing and simplify work processes through Lexmark solutions. The Lexmark XS790 Series features the Lexmark Embedded Solutions Framework (eSF), our platform that enables you to add a wide range of software applications directly onto the device. Solutions are designed with your productivity in mind, helping you streamline—or even eliminate—paper intensive business processes.

Lexmark XS790 Series Solutions

The right touch. The Lexmark e-Task color touch screen is a key access point to your device. The extra large, customizable, 10.2-inch interface gives you the ability to preview thumbnails of documents prior to printing, as well as change print jobs at the device. You can even view, select and print specific pages within a document directly from the touch screen. Its easy-to-use, intuitive navigation provides fast access to the functions and shortcuts.

The following are solutions that come preloaded on the XS790 Series MFPs.

- **Forms and Favorites**
  Eliminate waste and inefficiencies associated with preprinted forms. Store frequently printed forms, marketing materials or other documents online, then print them on demand.

- **Scan to Network**
  Scan a hard copy document and route the image to one of 30 predefined or public shared network folders.

- **Card Copy**
  Same time and effort in copying identification cards, licenses and insurance cards by automatically scanning, enlarging and copying both side of a two-sided card onto one side of a sheet of paper.

- **Scan-to-Network – Premium**
  Preview, enhance and index images of scanned hard copies, then route them to a shared network folder. Create high-quality images and confirm their delivery directly from the Lexmark MFP device.

- **Downtime Reports**
  Access critical forms and reports, even if your IT system fails or the network goes down. During a downtime event, simply tap the touch screen, choose a folder, and select the documents you need to print.
Lexmark XS790 Series Vertical solutions

Clinical Assistant Solution for the healthcare industry designed to save clinicians time and improve patient care by streamlining common healthcare workflow processes. Consists of Scan to EMR, Physician Order Routing, Clinical Forms and Card Copy.

Education Station Solution integrated into the educational space where classroom testing and paperwork tasks can be performed with just one touch. Consists of Scan to Classroom, Print Test, Grade Test and Forms and Favorites.

Insurance Agent Solution helps an insurance company improve its common paper workflow process. Consists of Insurance Forms, Insurance Card Copy, Scan to Policy Manager, Eco Copy and Background/Idle Screen.

Contact your Lexmark Business Solutions Dealer for additional vertical solutions. Solutions are customized through dealer.

Lexmark’s standard security features for your network, data and devices.

Output security has never been more important to businesses of all sizes. Lexmark’s security functions include device management, device hardening and device operation. Strong multilayered security is built-in.

Device management. Tools include administrative access and passwords, HTTPS, SNMPv3, IP security (IPSec) and 802.1x support to remotely monitor and manage device usage.

Device hardening. Includes port filtering, TCP connection filtering, hard drive encryption, hard disk wiping and digitally signed firmware updates that enhance the security of the device’s network interface.

Device operation. Utilizes user authentication, address book lookup via LDAP over SSL and device lockout for protection of user information.

Lexmark has shown its strength and leadership with respect to security.

- Forming and chairing the group that created the IEEE 2600 standards for security on hard copy devices.
- Becoming the first hard copy device manufacturer to take a holistic approach with the National Information Assurance Partnership (NIAP) Common Criteria evaluation.
Features that help you optimize your work

1) 10.2-inch color touch screen
Operate your device with ease through smart and intuitive navigation with audible and tactile feedback when you use the touch screen.

2) Flexible output options
Choose from four output options, including a five-bin mailbox, an offset stacker, a staple finisher and a staple with hole punch finisher.

3) Single-pass automatic document feeder
Save time by scanning both sides of your document in one pass with robust color-scanning capabilities and an input capacity of up to 75 pages.

4) Direct USB
The front USB port allows for convenient walk-up preview, printing and scanning and is compatible with most printable image file formats.

5) Lexmark solutions
Reduce unnecessary printing and simplify work processes through solutions applications preloaded on your device. Choose additional Lexmark solutions to fit your unique workflow needs.

6) Long-lasting toner
The Lexmark Extra High Yield Print Cartridge delivers up to 20,000 pages, reducing interventions, cartridge waste and cost.

7) Eco-friendly features
Easy-to-access features like Eco-Mode to reduce paper and toner consumption, the Sleep Button and Hibernate Mode make it easy to print responsibly and help you save energy.
Lexmark XS790 Series Ordering information

### Standard Features
- 75-Sheet Automatic Document Feeder
- 500-Sheet Output Bin
- Integrated Duplex
- 160-GB Hard Disk
- 100-Sheet Multipurpose Feeder
- 550-Sheet Drawer

### Optional Features
- 2,000-Sheet High-Capacity Feeder
- 500-Sheet Offset Stacker
- 500-Sheet Staple Finisher
- 5-Bin Mailbox
- 500-Sheet Staple Punch Finisher
- Banner Media Tray Available

### Compatible on the XS790 Series

<table>
<thead>
<tr>
<th>Part #</th>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>47B1290</td>
<td>Lexmark XS790dte</td>
<td></td>
</tr>
<tr>
<td>47B1287</td>
<td>Lexmark XS795dte</td>
<td></td>
</tr>
</tbody>
</table>

### Ordering Information

<table>
<thead>
<tr>
<th>Part #</th>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>28B6022</td>
<td>XS795, XS798 Black Extra High Yield Return Program Print Cartridge</td>
<td></td>
</tr>
<tr>
<td>28B6018</td>
<td>XS795, XS798 Cyan Extra High Yield Return Program Print Cartridge</td>
<td></td>
</tr>
<tr>
<td>28B6019</td>
<td>XS795, XS798 Magenta Extra High Yield Return Program Print Cartridge</td>
<td></td>
</tr>
</tbody>
</table>

### Additional Accessories

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>28B6022</td>
<td>Stand-alone 28B6022 Black Extra High Yield Return Program Print Cartridge</td>
</tr>
<tr>
<td>28B6018</td>
<td>Stand-alone 28B6018 Cyan Extra High Yield Return Program Print Cartridge</td>
</tr>
<tr>
<td>28B6019</td>
<td>Stand-alone 28B6019 Magenta Extra High Yield Return Program Print Cartridge</td>
</tr>
</tbody>
</table>

### Memory Options

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1025043</td>
<td>1GB DDR3-1600MHz Memory Card</td>
</tr>
<tr>
<td>1025042</td>
<td>2GB DDR3-1600MHz Memory Card</td>
</tr>
</tbody>
</table>

### Connectivity

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1021294</td>
<td>USB 2.0 (2-meter)</td>
</tr>
<tr>
<td>1021231</td>
<td>Parallel 128-B Interface Card</td>
</tr>
<tr>
<td>1021232</td>
<td>Parallel Cable (10-meter)</td>
</tr>
<tr>
<td>14F0020</td>
<td>MarkNet® N8250-G2 Wi-Fi Print Server</td>
</tr>
<tr>
<td>14F0021</td>
<td>MarkNet® N8130 Gigabit Ethernet Print Server</td>
</tr>
</tbody>
</table>

### Optional Fonts

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30G0287</td>
<td>Arabic Font Card</td>
</tr>
<tr>
<td>30G0825</td>
<td>Arabic Font Card</td>
</tr>
<tr>
<td>30G0826</td>
<td>Simplified Chinese Font Card</td>
</tr>
<tr>
<td>30G0827</td>
<td>Traditional Chinese Font Card</td>
</tr>
</tbody>
</table>
Lexmark XS790 Series

Product specifications

<table>
<thead>
<tr>
<th>Lexmark XS795dte</th>
<th>Lexmark XS798dte</th>
</tr>
</thead>
</table>

### Printing

#### Display
Lexmark e-Task 10.2-inch (25.9 cm) color touch screen with audible and tactile feedback.

#### Print Speed: Up to
- **Black**: 37 ppm / **Color**: 37 ppm
- **Black**: 50 ppm / **Color**: 50 ppm

#### Time to First Page: As fast as
- **Black**: 9 seconds / **Color**: 10 seconds
- **Black**: 8 seconds / **Color**: 8.5 seconds

#### Print Resolution, Color
- 1200 x 1200 dpi, 4800 Color Quality (2400 x 600 dpi)

#### Processor Speed
1.2 GHz

#### Memory
- **Standard**: 1024 MB / **Maximum**: 2048 MB
- **Standard**: 2048 MB / **Maximum**: 2048 MB

#### Hard Disk
- **Included in configuration**

#### Recommended Monthly Page Volume
- 2500 - 14000 pages
- 2500 - 17000 pages

#### Maximum Monthly Duty Cycle
- Up to
- 150000 pages per month

#### Copying

- **Copy Speed: Up to**
  - **Black**: 37 cpm / **Color**: 37 cpm
  - **Black**: 50 cpm / **Color**: 50 cpm

- **Time to First Copy: As fast as**
  - **Black**: 11.5 seconds / **Color**: 13.5 seconds
  - **Black**: 10 seconds / **Color**: 11 seconds

- **Reduce / Enlarge Range**
  - 25 - 400%

#### Scanning

- **Duplex Scan Speed: Up to**
  - A4/Ltr, Black: 56 / 58 sides per minute - A4/Ltr, Color: 52 / 54 sides per minute

- **Simplex Scan Speed: Up to**
  - A4/Ltr, Black: 47 / 49 sides per minute - A4/Ltr, Color: 47 / 49 sides per minute

- **Scanner Type**
  - Flattened scanner with ADF

- **Hardware Scanning Resolution**
  - 600 x 600 dpi

### Faxing

- **Modem Speed**
  - 33.6 Kbps

### Supplies

- **Supplies Yield**
  - 18,000¹-page Color Extra High Yield Print Cartridges (CMY), 20,000¹-page Black Extra High Yield Print Cartridge

### Paper Handling

- **Paper Handling Standard**
  - 500-Sheet Output Bin, Integrated Duplex, 100-Sheet Multipurpose Feeder, 550-Sheet Input Tray, 2 x 550-Sheet Drawers

- **Paper Handling Optional**
  - 5-Bin Mailbox, 550-Sheet Drawer, Banner Media Tray, 500-Sheet Offset Stacker, 500-Sheet Staple Finisher, 500-Sheet Staple Punch Finisher

- **Paper Input Capacity: Up to**
  - Standard: 1750 pages 20 lb or 75 gsm bond / **Maximum**: 3200 pages 20 lb or 75 gsm bond (Remove 550-Sheet Drawer, add 2000-Sheet High Capacity Feeder and a finishing option)

- **Paper Output Capacity: Up to**
  - Standard: 500 pages 20 lb or 75 gsm bond / **Maximum**: 1000 pages 20 lb or 75 gsm bond

- **Media Types Supported**

- **Media Sizes Supported**
  - 10 Envelope, 7 3/4 Envelope, 9 Envelope, A4, A5, B5 Envelope, C5 Envelope, DL Envelope, Executive, Folio, JIS-B5, Legal, Letter, Statement, Universal

### General

- **Standard Ports**
  - USB 2.0 Specification Hi-Speed Certified (Type B), Front USB 2.0 Specification Hi-Speed Certified Port (Type A), Rear USB 2.0 Specification Hi-Speed Certified Port (Type A), Ethernet 10/100/1000 BaseTX (RJ-45)

- **Optional Network Ports**
  - External MarkNet™ N7020e Gigabit Ethernet, Internal MarkNet™ N8130 Fiber Fast Ethernet, Internal MarkNet™ N8250 802.11b/g/n Wireless

- **Optional Local Ports**
  - Internal RS-232C serial, Internal 1284-B Bidirectional Parallel

- **Noise Level, Operating**
  - Printing: 51 dBA / Copy: 52 dBA / Scan: 54 dBA
  - Printing: 52 dBA / Copy: 53 dBA / Scan: 54 dBA

- **Energy Star**
  - Yes

- **Specified Operating Environment**
  - Temperature: 16 to 32°C (60 to 90°F), Humidity: 8 to 80% Relative Humidity, Altitude: 0 - 3048 Meters (10,000 Feet)

- **Size (in. - H x W x D) / Weight (lb.)**
  - 47.4 x 24.05 x 25.9 in. / 247 lb.

---

¹ Based on approximately 5% print coverage. Actual yields may vary based on factors such as page coverage, image type, job size, print/copy/scan modes, and duplexing.

² Recommended Monthly Page Volume is a range of pages that helps customers evaluate Lexmark’s product offerings based on the average number of pages customers plan to print on the device each month. Lexmark recommends that the number of pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals, paper loading intervals, speed, and typical customer usage.

³ Maximum Monthly Duty Cycle is defined as the maximum number of pages a device could deliver in a month using a multishift operation. This metric provides a comparison of robustness in relation to other Lexmark printers and MFPs.