



MS820 Series

Reliability. Security. Productivity.



MS823dn



ENERGY STAR® certification is dn models only



This is a Class A device according to international electromagnetic emissions standards (i.e. FCC Rules, EN 55022/EN 55032, etc.). Class A products are intended for use in non-residential/non-domestic environments. Use of a Class A product in residential/domestic environments may cause interference to radio communications and require corrective measures.

Lexmark MS820 Series

Satisfy large-workgroup requirements for performance, reliability and security with the Lexmark MS820 Series. They deliver a first page in as little as 4 seconds and print up to 70 pages per minute*. Robust paper handling, Ultra High Yield replacement toner** and flexible input and output options add up to uninterrupted productivity.



Get more done

- ▶ Powerful 1-GHz dual-core processor and up to 4.5 GB of memory drives printing at up to 70 ppm.*
- ▶ Robust paper handling includes reliable feeding of a wide range of media types and sizes, up to 4400 sheets of standard input and optional finishing.
- ▶ Connect via Ethernet, USB, or simple mobile printing options.

Interact with ease

- ▶ 2.4-inch/6-cm color LCD lets you configure, interact and monitor vital system information.
- ▶ Front access to the paper path and power button means you'll virtually never have to access the back of the device, allowing placement in or on cabinets.
- ▶ Innovative serviceability features, starting with single-door access to parts and supplies, help you resolve problems quickly.

Ready when you are

- ▶ Long-life fuser and imaging components extend uptime.
- ▶ Unison™ Toner replacement cartridges deliver up to 55,000 pages** of high-quality printing (see specifications per model).
- ▶ Steel frame and durable design stands up to heavy use and harsh environments.

Full-spectrum security

- ▶ Lexmark's full-spectrum security architecture helps keep your information safe—in the document, on the device and over the network.
- ▶ Keypoint Intelligence - Buyers Lab honored Lexmark with a prestigious BLI PaceSetter award for Document Imaging Security***.



Built for planet earth

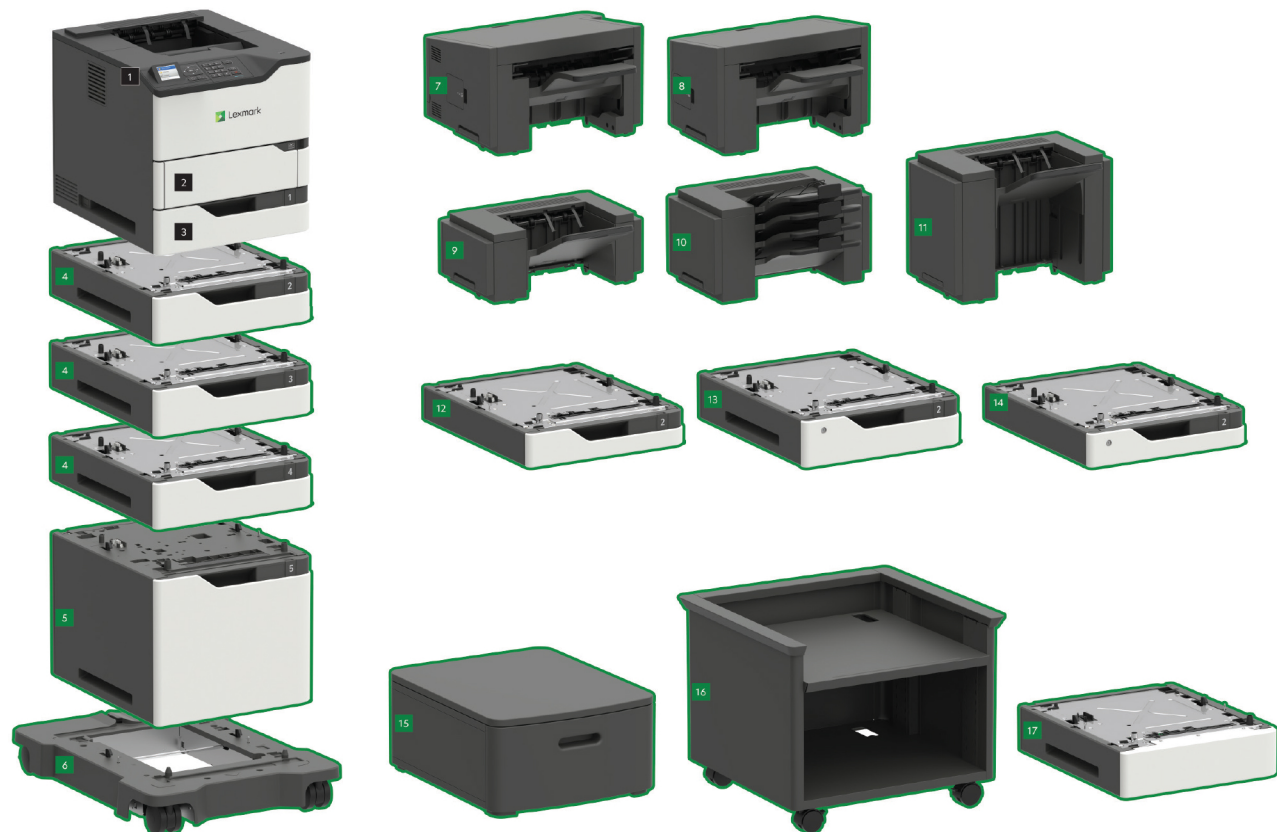
- ▶ Energy management features reduce power consumption in active use or sleep mode.
- ▶ Models with standard two-sided printing save paper.
- ▶ All models with two-sided printing are rated EPEAT® Silver and ENERGY STAR® certified.
- ▶ Recycle cartridges through the award-winning Lexmark Cartridge Collection Program (LCCP).

*Print and copy speeds measured in accordance with ISO/IEC 24734 and ISO/IEC 24735 respectively (ESAT). For more information see: www.lexmark.com/ISOspeeds.

**Average standard page yield value declared in accordance with ISO/IEC 19752. Ultra High Yield cartridge not available for all models.

***Award based on North America and/or Western Europe data

Lexmark MS820 Series



- 1 Printer with 2.4-inch (6 cm) display**
17.5 x 16.85 x 20.1 inches
445 x 428 x 510 mm
- 2 100-sheet multipurpose feeder**
Dimensions included as part of base model
- 3 550-sheet tray**
Dimensions included as part of base model
- 4 550-sheet tray**
4.3 x 16.85 x 20.1 inches
110 x 428 x 510 mm
- 5 2100-sheet tray**
13.8 x 16.85 x 20.1 inches
350 x 428 x 510 mm
- 6 Caster base**
5 x 20.5 x 27.3 inches
126 x 521 x 693 mm

- 7 Staple, hole punch finisher**
10.3 x 18.2 x 20.0 inches
263 x 462 x 507 mm
- 8 Staple finisher**
9.7 x 17.1 x 16.3 inches
246 x 435 x 414 mm
- 9 Output expander**
6.5 x 16.6 x 15.0 inches
165 x 421 x 380 mm
- 10 4-Bin mailbox**
10.7 x 16.6 x 15.1 inches
272 x 421 x 384 mm
- 11 High capacity output expander**
12.2 x 16.6 x 13.2 inches
310 x 421 x 335 mm
- 12 250-sheet tray**
3.2 x 16.85 x 20.1 inches
80 x 428 x 510 mm

- 13 550-sheet lockable tray**
4.3 x 16.85 x 20.1 inches
110 x 428 x 510 mm
- 14 250-sheet lockable tray**
3.2 x 16.85 x 20.1 inches
80 x 428 x 510 mm
- 15 Swivel cabinet**
10.4 x 18.7 x 23.6 inches
263 x 476 x 600 mm
- 16 Adjustable printer stand**
23 x 23.5 x 23.5
584.2 x 596.9 x 596.9
- 17 Spacer to add additional height**
4.3 x 16.85 x 20.1 inches
110 x 428 x 510 mm

Standard
 Optional

Note 1: Supports up to 4 optional trays. For maximum paper input capacity, install 3 optional 550-sheet trays and one optional 2100-sheet tray. When a 2100-sheet tray is installed, it must be the bottom tray, and a caster base is required.

Note 2: Supports many output configurations, including: any combination of up to three output expanders and 4-bin mailboxes; OR staple finisher with 4-bin mailbox; OR staple finisher with output expander; OR output expander with high capacity output expander; OR the staple, hole punch finisher; OR any single output option by itself. When installing the optional stapler, it must always be on top. When installing the optional high capacity output expander, it must always be on the bottom.

Note 3: All measurements are shown as height x width x depth. For more information about supported configurations, refer to the Printer, Option and Stand Compatibility Guide at http://www.lexmark.com/publications/furniture_safety/

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This product includes software developed by the OpenSSL Project for use in the Open SSL Toolkit (<http://www.openssl.org/>).

Printing

Display	2.4-inch (60 mm) Color LCD display		
Print Speed: Up to ⁶	Black: 55 ppm	Black: 65 ppm	Black: 70 ppm
Time to First Page: As fast as	Black: 4.5 seconds	Black: 4.2 seconds	Black: 4.0 seconds
Print Resolution	Black: 1200 Image Quality, 1200 x 1200 dpi	2400 Image Quality, 300 x 300 dpi, 600 x 600 dpi	Black: 1200 Image Quality, 1200 x 1200 dpi, 300 x 300 dpi, 600 x 600 dpi, 2400 Enhanced Mode
Memory	Standard: 512 MB / Maximum: 4608 MB		
Hard Disk	Option available		
Recommended Monthly Page Volume ²	3000 - 50000 pages	5000 - 75000 pages	5000 - 100000 pages
Maximum Monthly Duty Cycle: Up to ³	250000 pages per month	300000 pages per month	350000 pages per month

Supplies⁷

Laser Cartridge Yields (up to) ¹	7,500-page Cartridge, 15,000-page Black High Yield Cartridge	7,500-page Cartridge, 15,000-page High Yield Cartridge, 35,000-page Extra High Yield Cartridge, 55,000-page Ultra High Yield Cartridge
Imaging Unit Estimated Yield: Up to	150000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage	
Cartridge(s) Shipping with Product ¹	11,000-page Starter Return Program Toner Cartridge	

Paper Handling

Included Paper Handling	550-Sheet Input, 100-Sheet Multipurpose Feeder, 550-Sheet Output Bin, Integrated Duplex
Optional Paper Handling	250-Sheet Tray, 550-Sheet Tray, 2100-Sheet Tray, 250-Sheet Lockable Tray, 550-Sheet Lockable Tray, 4-Bin Mailbox, Staple Finisher, Staple Punch Finisher, High Capacity Output Expander, Output Expander
Paper Input Capacity: Up to	Standard: 650 pages 20 lb or 75 gsm bond / Maximum: 4400 pages 20 lb or 75 gsm bond
Paper Output Capacity: Up to	Standard: 550 pages 20 lb or 75 gsm bond / Maximum: 2550 pages 20 lb or 75 gsm bond
Media Types Supported	Card Stock, Dual Web Labels, Envelopes, Integrated Labels, Paper Labels, Plain Paper, Transparencies, Refer to the Paper & Specialty Media Guide
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, Oficio, A6

General Information⁴

Standard Ports	One Internal Card Slot, USB 2.0 Specification Hi-Speed Certified (Type B), Gigabit Ethernet (10/100/1000), Front USB 2.0 Specification Hi-Speed Certified port (Type A)
Optional Network Ports / Optional Local Ports	Marknet N8370 WiFi Option, MarkNet N8230 Fiber Ethernet Print Server / Internal RS-232C serial, Internal 1284-B Bidirectional Parallel
Noise Level: Operating	Print: 57 dBA Print: 58 dBA
Specified Operating Environment	Humidity: 8 to 80% Relative Humidity, Temperature: 10 to 32°C (50 to 90°F), Altitude: 0 - 2896 Meters (9,500 Feet)
Limited Warranty - See Statement of Limited Warranty	1-Year Advanced Exchange, Next Business Day
Size (in. - H x W x D) / Weight (lb.)	17.5 x 16.85 x 20.1 in. / 56.0 lb.

All information in this brochure is subject to change without notice. Lexmark is not liable for any errors or omissions. Some models may be available without duplex.

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Sales@UniLinkinc.com | www.UniLinkinc.com | 800.666.2980

¹Average standard page yield value declared in accordance with ISO/IEC 19752. 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. ⁴Printers are sold subject to certain license/agreement conditions. See www.lexmark.com/printerlicense for details. ⁵Actual Yield may vary based on other factors such as device speed, paper size and feed orientation, toner coverage, tray source, percentage of black-only printing and average print job complexity. ⁶Print and copy speeds measured in accordance with ISO/IEC 24734 and ISO/IEC 24735 respectively (ESAT). For more information see: www.lexmark.com/ISOspeeds. ⁷Product functions only with replacement cartridges designed for use in a specific geographical region. See www.lexmark.com/regions for more details.