

Savin®

MLP145 Network Laser Printer

FAST >

VERSATILE >

INTELLIGENT >

SECURE >

DELIVER >



Finish the way you want. Fast.

The network printer that fits the way you work.

The Savin MLP145 Laser Printer gives you high quality laser prints enhanced with many time-saving conveniences.



A user-friendly control panel makes it easy for anyone to review and program print functions at walk-up.

Performs the way you want.

The Savin MLP145 offers fast printing and advanced capabilities—making it the perfect fit for casual, print-intensive and advanced production environments.

- Save paper and filing space with standard duplexing. This can help you cut postage costs when mailing large documents.
- Print high-quality graphics with built-in genuine Adobe® PostScript® 3™ and 600 x 600 dpi resolution.
- Hands-free document assembly. Load up to five different paper sizes into separate trays and use Page Control to assign paper on a page-by-page basis in the same job. The 3,000-sheet Finisher Unit adds capacity and lets you easily sort, staple and hole-punch.
- Load paper quickly in frontloading trays with fully adjustable guides that fit up to 11" x 17" and other custom paper sizes.

Delivers the speed you want.

A next-generation 466MHz CPU runs even the largest jobs quickly and minimizes delays. Plus, it produces 45 pages per minute—simplex and duplex—and first output is in just 6.0 seconds.

- Print without interruptions with the Savin MLP145's generous maximum capacity of 3,500 sheets. You can even reload one tray while printing from another.
- Save time and prevent waste by using Sample Print to review proofs before running multiple-print jobs.
- Avoid network bottlenecks. Store frequently used jobs in the MLP145 for on-demand printing or use PDF Direct Print to send smaller files to the printer without opening the application.

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Standard 500-sheet
Output Tray

Optional Wireless
and Gigabit
Ethernet Interface
Connectivity

Two Standard
500-sheet
Input Trays

Two Optional
500-sheet
Input Trays

Print Double-Sided
Prints with the
Standard Duplex Unit

Load Special Stock
with the 50-sheet
Bypass Tray

Expand Paper Capacity
with the Optional 1,500-
sheet Large Capacity Tray



Add two optional 500-sheet paper trays and an optional large capacity tray for uninterrupted printing.



The optional 3,000-sheet Finisher sorts, staples and hole-punches.

Connects the way you want.

The Savin MLP145 offers advanced connectivity capabilities for hosted or mainframe environments. The MLP145 provides enough power to quickly spool the largest documents.

- Connect easily via a standard 10/100 Base-TX Ethernet and USB 2.0 interface. Add an optional high-speed Gigabyte Ethernet or wireless LAN for even more convenience.
- Use WebImageMonitor to remotely adjust settings and receive email system alerts.
- Program jobs from the convenience of your desktop with Savin's icon-based Refined Print Command Stream™ (RPCS) driver.

Protect your documents and data.

- Control unauthorized document distribution by embedding messages or patterns that appear if a document is copied on the latest Savin systems. Automatically overwrite data stored in the hard disk with the optional DataOverwriteSecurity System (DOSS).
- Temporarily store sensitive documents in the Savin MLP145 until released by the user at walk-up with Hold Print or password-protected Locked Print. Hold Print also works as a virtual mailbox.

Your Environmental Partner

Savin continues its long-standing commitment to developing a full line of environmentally friendly office solutions with superior energy and supply-saving features, including:

- Quick Start-Up (QSU) Technology
- Power-saving Sleep Modes
- Duplex and Combine Copy Modes
- Toner Recycling Mechanism
- Low Noise Levels
- Minimal Ozone Emissions
- Restriction of Hazardous Substances Compliant (RoHS)



MAIN UNIT

Configuration Technology	Desktop Twin Laser Beam Scanning & Electrophotographic Printing with Dry, Dual Component Toner (PLC5e) 600 x 600, 300 x 300 – dpi (PCL6) 600 x 600 – dpi (RPCS) 600 x 600 – dpi (PS3) 600 x 600, 300 x 300 – dpi
Resolution	45 ppm
Print Speed	45 ppm
Duplex Speed	6.0 seconds or less (A4/8.5" x 11" – LEF, 1st Tray)
First Print Speed	26.4" x 25.2" x 22.0" (670 x 640 x 560mm)
Dimensions	64 Kg, 141.1 lbs.
Weight	22 seconds or less
Warm-up Time	120V/60Hz/15A
Power Source	1400W or less, 6W or less (Energy Saver)
Power Consumption	500 x 2 + 50 sheet multi purpose tray
Standard Paper Capacity	500 x 2 sheets, PB3020 Paper Bank – 1,500 sheets, Large Capacity Tray RT45
Optional Paper Capacity	3,550 sheets
Maximum Paper Capacity	Standard Tray: A3 – A5 (SEF)/ 11" x 17" – 5.5" x 8.5" (SEF) Bypass Tray: A3 – A6 (SEF)/ 11" x 17" – 5.5" x 8.5" (SEF) Optional PB3020 Paper Bank: A3 – A5 (SEF)/11" x 17" – 5.5" x 8.5" (SEF) Optional Large Capacity Tray: A4 (LEF)/8.5" x 11" (LEF) only
Acceptable Paper Sizes	Standard Tray: 64 – 105g/m ² (20 – 28 lb.) Bypass Tray: 52 – 163g/m ² (14 – 44 lb.) Optional PB3020 Paper Bank: 60 – 105g/m ² (16 – 28 lb.) Optional Large Capacity Tray RT45: 60 – 105g/m ² (16 – 28 lb.)
Acceptable Paper Weights	500 Sheets
Standard Output Capacity	3,500 Sheets Finisher (SR3040)*
Optional Output Capacity	* Finisher SR3040 – requires the Bridge Unit Type2045 for installation. 3,000 sheet capacity is based on 69g/m ² paper.
* Finisher SR3040	Standard
Automatic Duplexing	64 – 105g/m ² (20 – 28 lb.)
Duplex Paper Weight	

CONTROLLER SPECIFICATIONS

CPU	RM7035C 466MHz
Printer Languages	PCL 5e/6 emulation Savin RPCS, Adobe PostScript3, PDF
Memory (RAM)	128MB (std)/512MB (max)
Standard Interfaces	USB2.0, 100Base-TX/10Base-T Ethernet
Optional Interfaces	IEEE1284, IEEE802.11b, Gigabit Ethernet
Network Protocols	TCP/IP, IPX/SPX, AppleTalk
Standard Print Utilities	SmartDeviceMonitor for Admin, Printer Utility for Mac, Desktop Binder Lite, Font Manager 2000
Optional Print Utility	DeskTopBinder Professional

DRIVERS/OPERATING SYSTEMS

Windows 95/98SE/NT4.0/2000/Me/XP/Server 2003
 Netware 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6
 Unix (using Savin UNIX filter)
 Mac OS 8.6 – 9.2x, OS X 10.1 or later
 USB print is supported for Mac OS X v.10.3.3 or later
 For Mac OS: Plug-in function for Sample Print, Locked Print and User Code is supported 10.2 or later.

MEMORY OPTIONS

Memory Options	Memory Unit Type D – 128 MB Memory Unit Type E – 256 MB
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CONTROLLER OPTIONS

Controller Options	*Printer Hard Disk Type 8100 **IEEE 802.11b Interface Unit Type H Gigabit Ethernet Board Type A IEEE1284 Interface Board Type A Data Overwrite Security Unit Type E User Account Enhance Unit Type E *USB Host Interface Unit Type 7300 ***Data Storage Card Type A ****VM Card Type D
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*The optional Printer Hard Disk is required to enable: Sample Print, Locked Print, Hold Print, Store Print and other functions, contact your sales representative for further details.

**128 MB Additional optional memory is required.

***Used to store digital certificates, which enable use of some security features, not necessary when a Hard Disk Drive is installed.

****Used for adding Java applications into the device by Ricoh developer program members.

IMAGE SCANNER IS300e (Optional)

Scanner Type	Flatbed color image scanner with built in ARDF
Resolution	Optical 600 dpi
Scanning Speed	Simplex: 31 black & white/10 color ppm @ 200 dpi Duplex: 12 black & white/7 color ipm @ 200 dpi Based on letter/portrait Original Sizes Up to 11" x 17"
ARDF Capacity	50 sheets
ARDF Document Weight	Simplex: 10 – 33 lb bond (40.7 – 128.0 g/m ²) Duplex: 14 – 28 lb bond (52.3 – 104.7 g/m ²)
Connectivity Scanner	10/100BaseTX (Standard) IEEE802.11b (Option)
Driver	Network TWAIN (Specify 100 – 2400 dpi resolution)
Data Compression	MH, MR, MMR, JPEG
Power Consumption	120V/60Hz
Dimensions	23.2" x 25.5" x 10.4" (590 x 647 x 265 mm)
Weight	Less than 64 lb. (29 kg)

CONSUMABLES & YIELDS

Toner Type 3105D Black – 30K LT pages at 5% toner coverage
 Printer Maintenance Kit Type 8100N A (Development Unit) – 150K LT pages
 Printer Maintenance Kit Type 8100N B (Fusing Unit and Transfer Unit) – 150K LT pages