Engineered, built and backed by the company that's committed to delivering value better than anyone else, the Optra™ S 1250 or network-ready Optra S 1250n arrives on your desktop ready for performance printing. Whether your workgroup prints a little or a lot, these printers' innovative, modular design lets you build the paper handling to support your unique business needs. What's more, they do your thinking for you, automatically switching between the appropriate network protocols and data streams for each job.

Remarkable performance enhances productivity and your business image
- 12-page-per-minute monochrome print engine
- 1200 Image Quality at 12-ppm full speed when printing detailed graphics or images*
- True 1200 x 1200 dpi*
- Enhanced duplex option for two-sided printing at near-rated speed
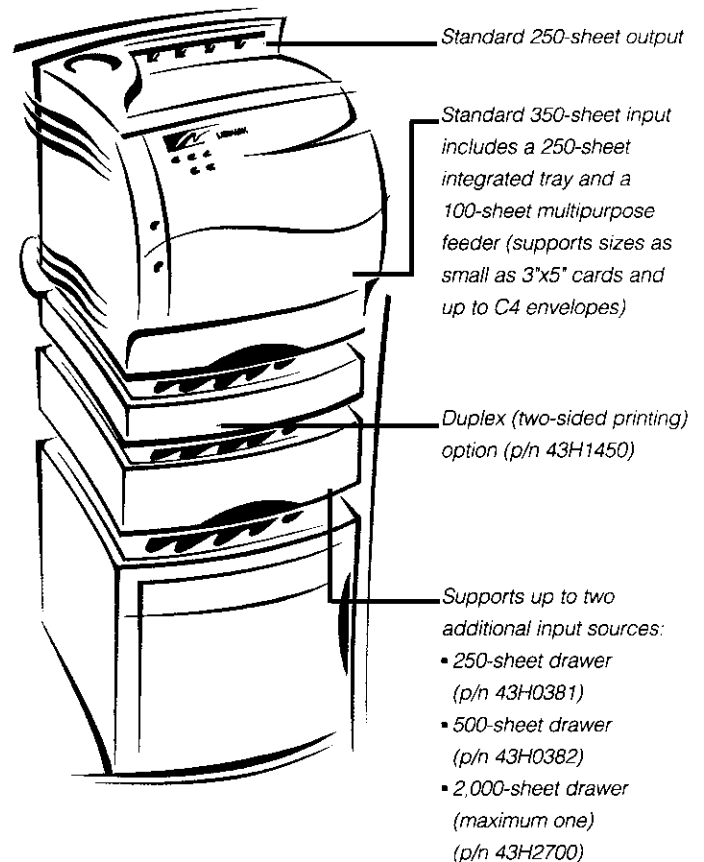
Effective, versatile solutions lower your total cost of printing
- Affordable purchase price includes PostScript Level 2 and PCL® 6 emulations
- Modular paper handling lets you buy only what you need today and add options tomorrow if your needs change
- MarkVision™ network printer management software makes setup, control and monitoring intuitively easy
- Money-saving multi-up, toner-saver and optional duplex printing
- Supplies monitoring feature alerts you before you run out of paper or toner
- Uses high-capacity, long-lasting and environmentally friendly Prebate™ toner cartridges
- Backed by Lexmark's excellent technical and service support

A world of configurations and performance capabilities to choose from
- Rich selection of paper handling options to keep your letterhead, special stationery, card stock, transparencies, envelopes, labels or forms on hand and ready to print
- Works in all major network environments, whether you're standardized on one or running several
- Prints from virtually any of today's PC software applications right out of the box

Printing complex files may require additional memory

Paper Handling

85-envelope feeder option (p/n 43H1600)

Standard 250-sheet output

Standard 350-sheet input includes a 250-sheet integrated tray and a 100-sheet multipurpose feeder (supports sizes as small as 3"x5" cards and up to C4 envelopes)

Duplex (two-sided printing) option (p/n 43H1450)

Supports up to two additional input sources:
- 250-sheet drawer (p/n 43H0381)
- 500-sheet drawer (p/n 43H0382)
- 2,000-sheet drawer (maximum one) (p/n 43H2700)

Solutions Chart

Standard input	250-sheet tray + 100-sheet multipurpose feeder=**350**
Standard output	**250**
Total standard inputs/outputs	**350/250**
Duplex (option)	**Yes**
85-Envelope feeder (option)	**Yes**
Optional input	250-sheet, 500-sheet, 2,000-sheet drawers**
Maximum sheets input/output (excluding envelopes)	**2,850/250**
Total sources inputs†/outputs	**5/1**

** Limit of one 2,000-sheet input drawer per printer configuration
† Includes envelope feeder

Additional Capabilities
- Printer automatically senses paper low, paper out and paper size (A5, JIS, B5, Executive, Letter and Legal)
- Input trays are universal, supporting A5 up to Legal and any custom size in between
- Paper weights supported include Xerographic or business papers up to 176 g/m², card stocks up to 216 g/m², labels up to 300 g/m², integrated forms up to 175 g/m² and transparencies up to 146 g/m²

Technical Specifications

Part Numbers
- Optra S 1250: 43J1000
- Optra S 1250n: 43J1038

Technology
- Laser

Performance
- 12 ppm (8 ppm @ 1200 x 1200 dpi)
- 15 seconds time to first page from integrated 250-sheet tray

Processor
- 33 MHz Intel i960®JF processor

Memory
- 4MB standard
- One additional memory slot to expand up to 68MB with optional SIMMs: 4MB (p/n 45H0023), 8MB (p/n 45H0024), 16MB (p/n 45H0025), 32MB (p/n 45H0026), 64MB (p/n 45H0027)
- RAMSmart™ intelligent memory management
- Hard disk options available (p/n 45H0000 adapter w/hard disk) (p/n 45H0001 adapter w/o hard disk)
- Optional flash memory modules for permanently storing fonts, forms and macros: 1MB (p/n 45H0020), 2MB (p/n 45H0021), 4MB (p/n 45H0022)

Connectivity
Optra S 1250
- High-speed bidirectional parallel port (IEEE 1284 ECP compliant)
- One PCI-based Internal Solutions Port (ISP) which supports the following options:
  - Tri-Port Adapter (p/n 44H0008) with concurrent support for the following:
    - Serial RS-232C/RS-422
    - LocalTalk
    - IrDA-compliant High Speed Infrared (requires the Infrared Adapter p/n 44H0009)
  - MarkNet™ S internal network adapters:
    - Ethernet 100BaseTX and 10BaseT using Intel EtherExpress Pro/100 technology with auto-speed negotiation (p/n 44H0003)
    - Ethernet 10Base2 and 10BaseT with auto-media detection (Available 2Q97) (p/n 44H0005)
    - Token-Ring using IBM PCI Token-Ring Adapter technology, 4/16Mbps with auto-ring speed detection, UTP and STP with auto-media detection (p/n 44H0001)
  - Coax/Twinax Adapter for SCS for connectivity to IBM 3270 and 5250 environments (p/n 44H0011)
  - Hard disk for job buffering (see Memory, above, for p/ns)

Optra S 1250n ships standard with Ethernet 100BaseTX and 10BaseT Adapter

MarkNet S Protocols and Network Operating System Support
- MarkNet S Adapters support the following protocols:
  - LexLink (DLC/LLC)
  - Novell (IPX/SPX, including full support for NetWare Directory Service - NDS)
  - AppleTalk (EtherTalk and TokenTalk)
  - TCP/IP
- Complete TCP/IP support is provided via a set of standard application services:
  - DHCP, WINS, http, lpr/lpd, ftp, tftp, finger, ping, telnet, bootp, rarp, and SNMP - MIB II and industry standard printer MIB (RFC1759)
- The following Network Operating Systems are directly supported:
  - Novell NetWare (including full NDS support)
  - Microsoft Windows NT Server V3.1, 3.5, 3.51 and 4.0
  - Microsoft Windows 95 (Peer-to-Peer) Networking
  - IBM OS/2 Warp (LAN) Server
  - IBM OS/400 V3R1 or V3R6 and later with LexLink or TCP/IP
  - AppleTalk (TokenTalk or EtherTalk)
  - Virtually any platform that supports TCP/IP printing
  - Various UNIX platforms with TCP/IP
    To assist in the MarkNet S remote setup, MarkVision for UNIX Networks and MarkVision for UNIX Intranet Servers are recommended. (Licensed program product p/n 13A2120) UNIX platforms include: AIX, NCR, HP-UX, SCO, Sun Solaris x86, Sun Solaris, SunOS, Silicon Graphics, UnixWare

Management and Control
- MarkVision Printer Management Utility for the following client environments: Windows 3.x, Windows 95, Windows NT 4.0, OS/2 Warp, Mac OS, UNIX
- WWW browser-based Intranet and Internet printer management:
  - MarkVision for UNIX Intranet Servers (requires MarkVision for UNIX Networks)
  - MarkNet S with embedded html and http protocol support
- Support for open printer management standards
  - SNMP - MIB II and industry standard printer MIB (RFC 1759)
  - Industry standard printer MIB ensures support for virtually any SNMP-based network management application
- MarkVision automatically integrates into the following network management applications:
  - Novell ManageWise
  - HP OpenView for Windows
  - HP OpenView Network Node Manager
  - IBM NetView/6000, SystemView for AIX
  - Tivoli (IBM) TME10 NetFinity for OS/2
  - Tivoli (IBM) TME10 for AIX

Compatibility
- PostScript Level 2 emulation standard
- PCL 6 emulation standard
- SmartSwitch printer language sensing
- State Preservation saves resources when switching between data streams
- PPDS Migration Tool
- IPDS emulation requires the optional SIMM for IPDS (p/n 44H0010)

Print Quality
- True 1200 x 1200 dpi*
- 1200 Image Quality*
- 600 x 600 dpi with PQET (Print Quality Enhancement Technology)
- 300 x 300 dpi with PQET

Font Selection
- 75 PostScript scalable fonts (39 Optra compatible plus 36 additional fonts)
- 75 PCL scalable fonts (45 LaserJet 5 compatible plus 30 additional fonts)
- 2 PCL bitmapped fonts (POSTNET and Line Printer)
- World-class international font support
- 77 Symbol sets, including Latin 1, Latin 2, Latin 5, Latin 6, Cyrillic and Greek
- FontVision™ Font Management Utility available, plus 110 additional fonts

Maximum Print Line
- 13.66" (347.1mm) landscape, 8" (203.2mm) portrait
- New Fit-To-Page mode compresses edge-to-edge data to capture information on the page

Usability Features
- Easy-to-use 16-character x two-line LCD information center operator display
- Front accessibility of printed collated output, easy-to-load toner cartridge, paper tray customization, paper tray indicator knob
- Easy-to-load universal paper trays
- Quick Start utility for setup, network configuration and helpful tool kit
- Online technical support by directly accessing Lexmark's web site: www.lexmark.com/tsc/tsc.html

Environmental Features
- Energy Star compliant Power Saver mode
- Up to 16-up printing
- Optional duplexing capability
- Ozone-free electrophotography
- Operation ReSource℠ processes returnable print cartridges

Size/Weight
- 15.9" W x 19.5" D x 13.2" H (405mm x 495mm x 335mm)
- 41 lbs. (18.6 kg)

Acoustics
- 46 dBA printing, 26 dBA idling

Cable
- Lexmark recommends the following (a cable is not included with the printer):
  - Parallel cable 10' (p/n 1329605), 20' (p/n 1427498)

Supplies
- Ships with a 7,500-page toner cartridge at 5% coverage
- A 17,600-page toner replacement cartridge is also available

Duty Cycle
- Maximum of 35,000 pages per month

Warranty
- One-year LexExpress℠ Warranty extendable to Four-Year Warranty

Printing complex files may require additional memory

PRINT LEXMARK™

To purchase Lexmark products, or for more information, call Lexmark at 1-800-LEXMARK. Canadian residents call 1-888-453-9226. Visit our web site at www.lexmark.com.
Lexmark laser printers are manufactured under the ISO 9002 approved quality process.
Lexmark International is a global developer, manufacturer and supplier of laser, inkjet and dot matrix printers and associated supplies for the office and home markets.
Sales in 1996 were $2.4 billion. Lexmark (LXK) stock is publicly traded on the New York Stock Exchange.