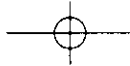
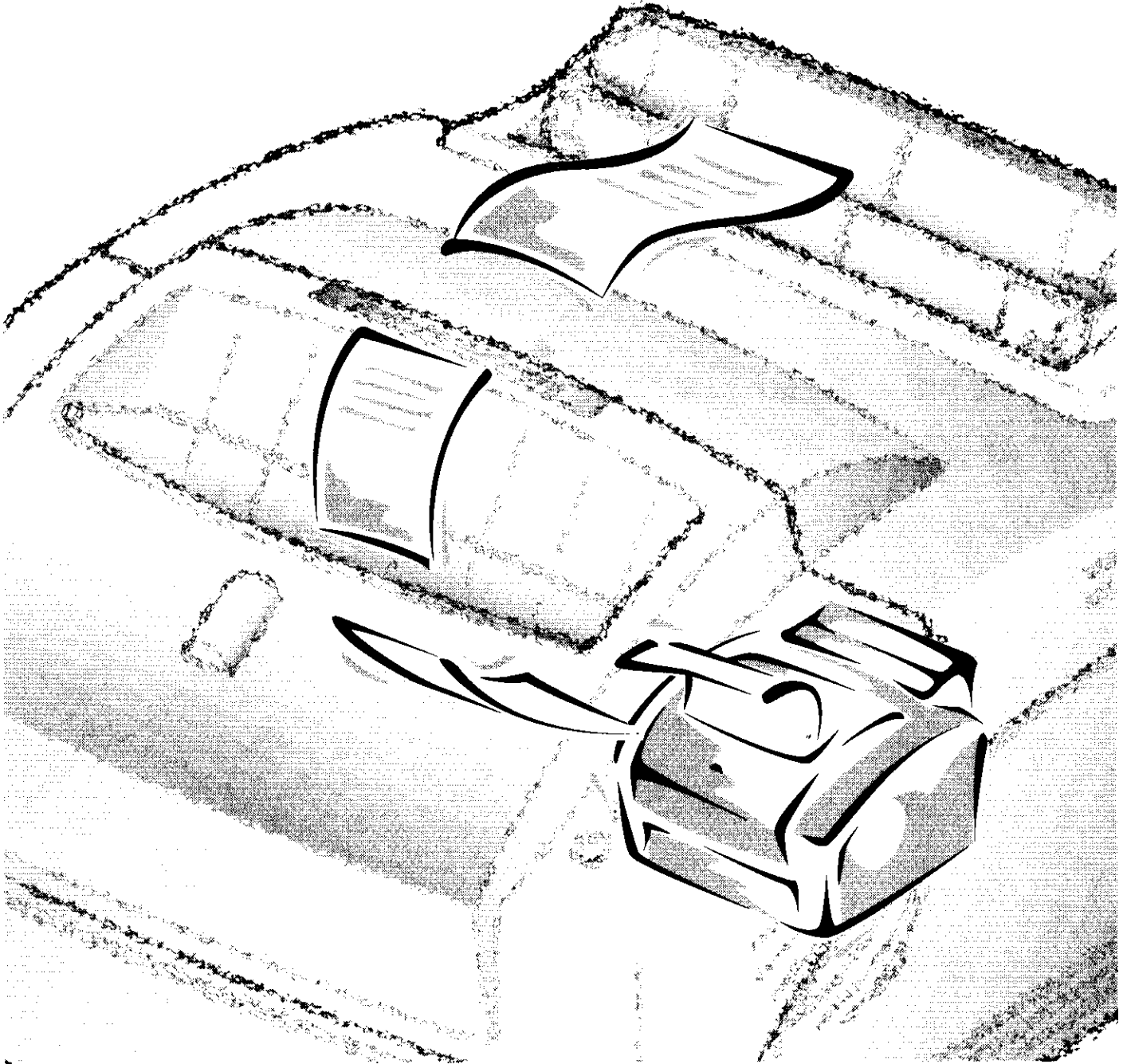


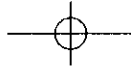


Samsung Laser Printer

ML-5000A

User's Manual



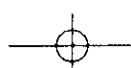
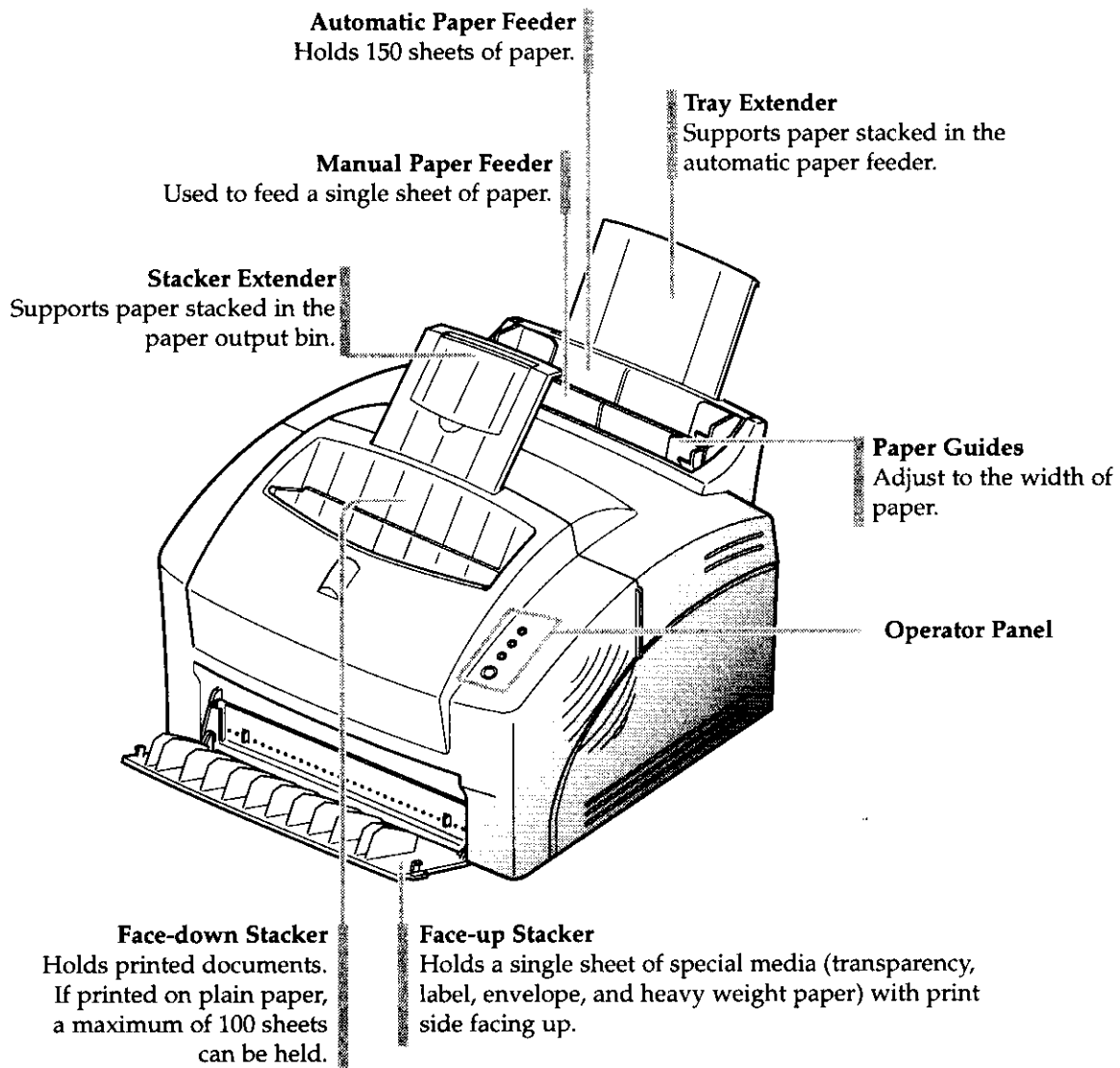


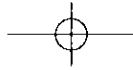
Chapter 1

Introducing Your Printer

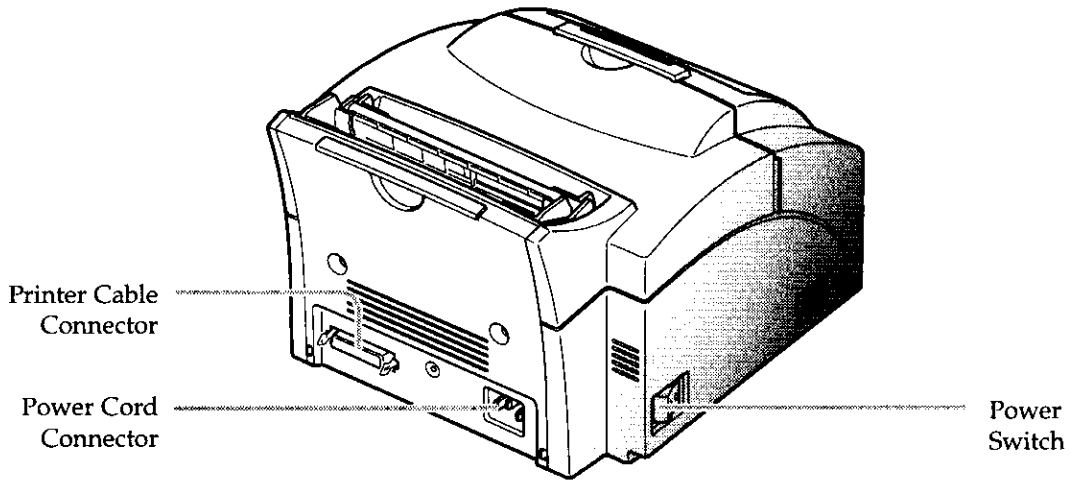
Control Locations and Functions

Front View

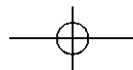
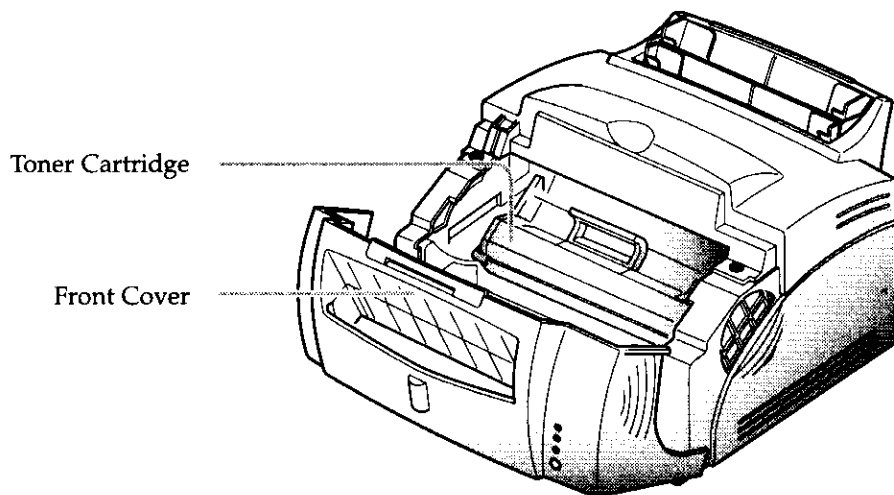




Rear View



Inside





Chapter 2

Paper Handling

Selecting Paper Types and Feed Source

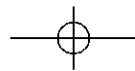
One of the most important things you can do to assure the best possible print quality from your printer is to select the correct paper. Your printer produces letter quality output on most plain bond papers, including cotton bond and photocopying papers; it does not require special papers. However, the print quality varies with different paper types. Be sure to test a small quantity of paper before you purchase a large quantity.

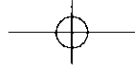
You can print on any of the following paper types:

Type	Size	Feed Source	Capacity
Plain paper (20 to 30 lb)	Letter: 8 1/2 x 11" Legal: 8 1/2 x 14" Executive: 7 1/4 x 10 1/2" A4: 210 x 297 mm B5: 182 x 257 mm	Automatic feeder	150 sheets (Approx.)
		Manual feeder	1 sheet
Envelopes	#10: 4 1/8 x 9 1/2" Monarch: 3 7/8 x 7 1/2" C5: 162 x 229 mm DL: 110 x 200 mm	Automatic feeder	10 envelopes (Approx.)
		Manual feeder	1 envelope
Cards (16 to 32 lb) Transparency Film Paper Labels		Automatic feeder	10 items (Approx.)
		Manual feeder	1 item

Notes:

- When you print, select the correct paper size and source in your application.
- Depending on paper thickness, the maximum capacity may be reduced.





Appendix

FCC Regulations

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Do not make any changes or modifications to the equipment unless specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

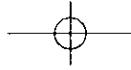
Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of FCC Rules.

Canadian Radio Interference Regulations

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus", ICES-003 of the Industry and Science Canada.

Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: "Appareils Numériques", NMB-003 édictée par l'Industrie et Sciences Canada.





Laser Safety Statement

The printer is certified in the U.S. to conform to the requirements of DHHS 21 CFR Subchapter J for Class I(1) laser products, and elsewhere is certified as a Class I laser product conforming to the requirements of IEC 825.

Class I laser products are not considered to be hazardous. The laser system and printer are designed so there is never any human access to laser radiation above a Class I level during normal operation, user maintenance, or prescribed service condition.

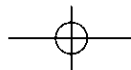
WARNING Never operate or service the printer with the protective cover removed from the Laser/Scanner assembly. The reflected beam, although invisible, can damage your eyes.

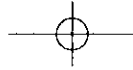


CAUTION	-INVISIBLE LASER RADIATION WHEN THIS COVER IS OPEN. DO NOT OPEN THIS COVER
VORSICHT	-UNSIHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET. NICHT DEM STRAHL AUSETZEN.
ATTENTION	-RAYONNEMENT LASER INVISIBLE EN CAS D'OVERTURE. DANGEREUSE AU FAISCEAU.
ATTENZIONE	-RADIAZIONE LASER INVISIBLE IN CASO DI APERTURA. EVITARE L'ESPOSIZIONE AL FASCIO.
PRECAUCION	-RADIACION LASER IVISIBLE CUANDO SE ABRE. EVITAR EXPONERSE AL RAYO.
ADVARSEL	-USYNLIG LASERSTRÅLNING VED ÅBNING NÅR SIKKERHEDSBRYDERE ER UDE AF FUNKTION UNDGÅ UDSAETTEELSE FOR STRÅLNING.
ADVARSER	-USYNLIG LASERSTRÅLNING NÅR DEKSEL ÅPNES. STIRR IKKE INN I STRÅLEN. UNNGÅ EKSPONERING FOR STRÅLEN.
VARNING	-OSYNLIG LASERSTRÅLNING NÅR DENNA DEL ÅR ÖPPAND OCH SPÄRREN ÅR URKOPPLAD. BETRakta EJ STRÅLEN STRÅLEN ÅR FARLIG.
VARO	-AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE ÄLÄ KATSO SÄTEESEEN.

CAUTION

- Avoid exposure to invisible laser radiation when the development unit is not installed.





Laser product labels are located above the print cartridge.

CLASS 1 LASER PRODUCT
LASER KLASSE 1
LUOKAN 1 LASERLAITE
APPAREIL À LASER DE CLASSE 1
TO IEC 825

Figure will be added

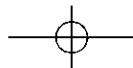
Safety Information

PRODUCT SAFETY

USA	UL 1950 (UL LISTING)
CANADA	CSA C22.2 No. 950 & UL 1950 (CSA Certification)
EEC (Europe)	IEC 60950/EN 60950 (TÜV GS Certification)
CB	IEC 60950

LASER SAFETY

EEC (Europe)	HD 194. & EN 60825
USA	21 CFR, Chapter 1, Subchapter J (CDRH Certified)





Specifications

Item	Description	Remarks	
Engine	Speed	8 PPM	
	Resolution	600 DPI	
	Developing method/Toner	Eletrophotography Non-mag monocomponent	
	Warm up time	Less than 30 sec.	at normal condition
	First print time	Less than 15 sec.	from idle mode
	Duty cycle	Maximum 30,000 pages per month	
	Size (w x d x h)	13.6 x 14 x 8.8 in (345 x 358 x 222.4 mm)	
	Weight	Less than 16.5 lb (7.5 Kg)	
	Power consumption	Printing: 150 W avg./450 W max. Sleep mode: Less than 30 W	USA: 100~127 VAC, 47~63 Hz EUROPE: 220~240 VAC, 47~63 Hz
	Noise level	Printing: <47 dB	
		Sleep mode: Background noise	
Paper Handling	Input capacity	150 sheets (automatic feeder) 1 sheet (manual feeder)	Multi-Page Feeding
	Output capacity	100 sheets in face-down stacker 1 sheet in face-up stacker	
	Sizes paper	A4, Letter, Legal, EXE, ISO B5 COM-10, MON, DL, C5, C6, OHP, Cardstock (16 ~ 32 lb)	
Toner Cartridge	Type	Cartridge	
	Life time	5,000 pages at 5 % density	
	Charging/Transfer	Contact roller Charging & Transfer	
	Toner save	Yes	
Controller	CPU	32 bit RISC CPU 33 MHz	By Controller
	Emulation	PCL5e	
	Memory	4 Mb Standard Max up to 32 Mb	
	Interface	IEEE1284 B type 1	
Other	Control panel	1 key and 3 LED	Parallel Interface
	Power switch	Yes	

