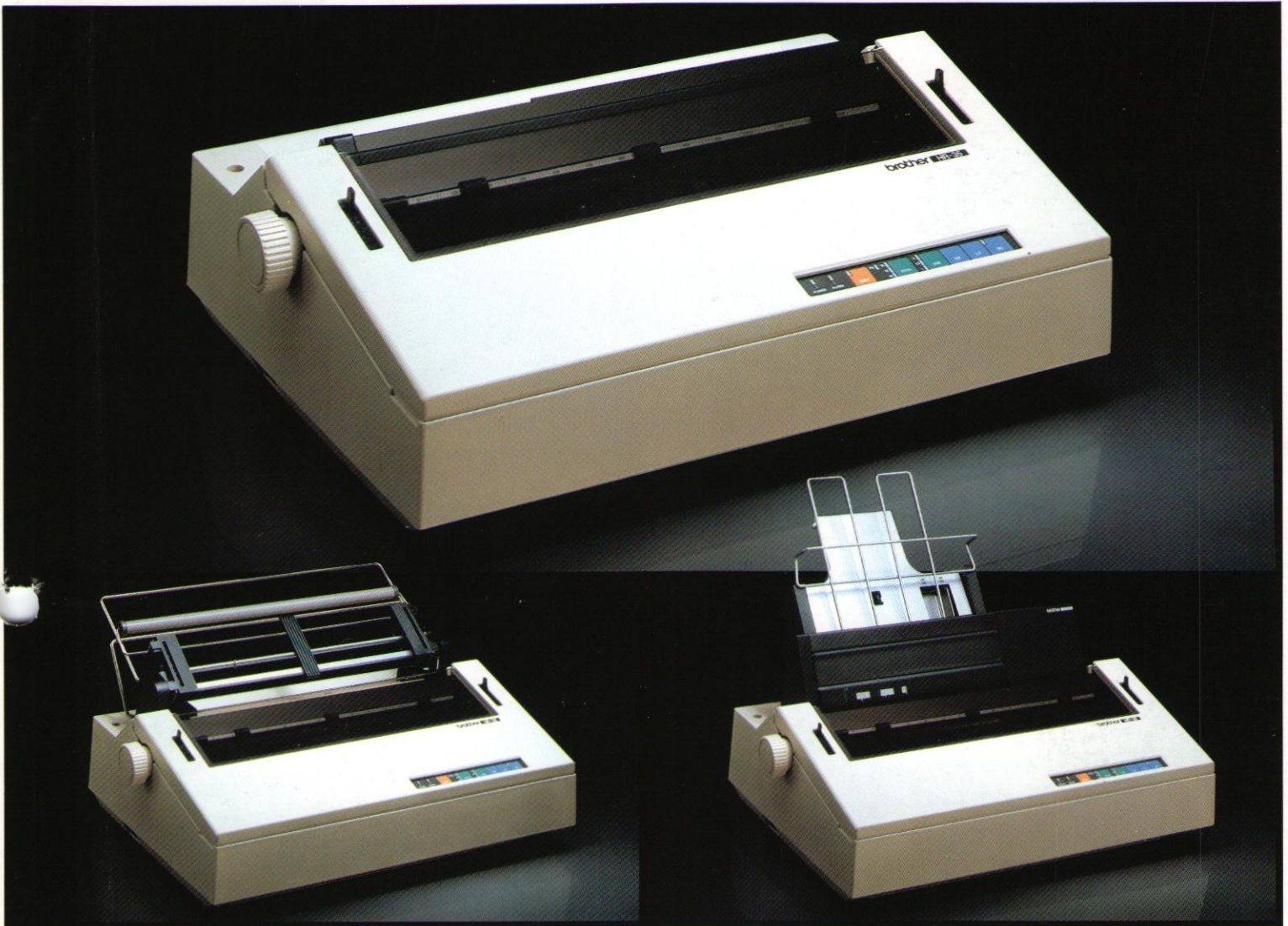# HR-35, High Speed!
High Performance!!

brother

FEATURES
- Buffer . . . 7K bytes
- Color printing
  (Red and black color printing)
- Super/sub script   • Auto underlining
- Bold printing   • Carriage skip movement
- Proportional spacing
- Text reprinting   • Clear buffer

OPTION
- **TF-100 tractor feeder**

Paper width	Max. 15 inches (381 mm)
Paper feed	Bi-directional

- **CF-100 cut sheet feeder**

Paper width	Max. 8½ inches (216 mm)
Paper capacity	150 sheets

SPECIFICATIONS

• Interface	CENTRONICS parallel, RS-232C serial
• Print speed	**Max. 36 CPS, 32 CPS** (Shannon Text)
• Paper width	16.5 inches (419 mm)
• Print width	13.2 inches (335 mm)
• Carriage motion	Bi-directional: 10, 12, 15, PS minimum increment 1/120 inch
• Paper feed	Bi-directional, friction platen
• Paper feed speed	4-inches/second
• Line spacing	6, 4, 3 positions/inch Minimum increment 1/48 inch
• Copy capacity	Original (45 kg) + 4 copies (15 kg)
• Print wheel	96 characters/wheel, cassette type (Easily changed by operator)
• Print wheel life	10 million characters min./wheel

|	
• Ribbon	Cassette type: Single strike ribbon Multi strike ribbon Fabric ribbon
• Noise	Less than 65 dB. A scale
• Temperature	10°C to 40°C (50°F to 104°F) (operating)
• Humidity	20% to 80% (operating, non-condensation)
• Power	115, 220, or 240V, 50/60 Hz, 65W
• Reliability	MTBF 3,000 hrs (25% duty)
• Dimensions	538(W) x 195(H) x 385(D) mm (21.2 x 7.7 x 15.2")
• Weight	14.7 kg (32.4 lbs)

* Specifications subject to change without notice.

BROTHER Daisy Wheel Printer HR-35
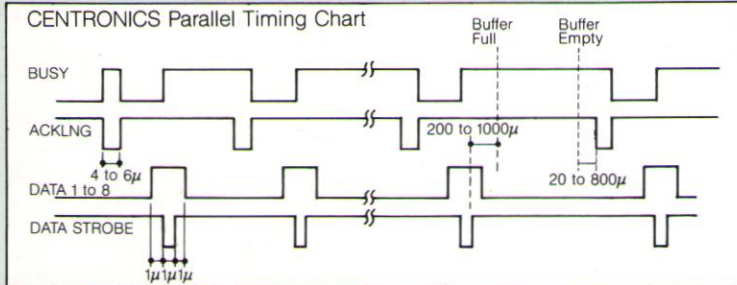
Printed in Japan
ER 4110269

brother
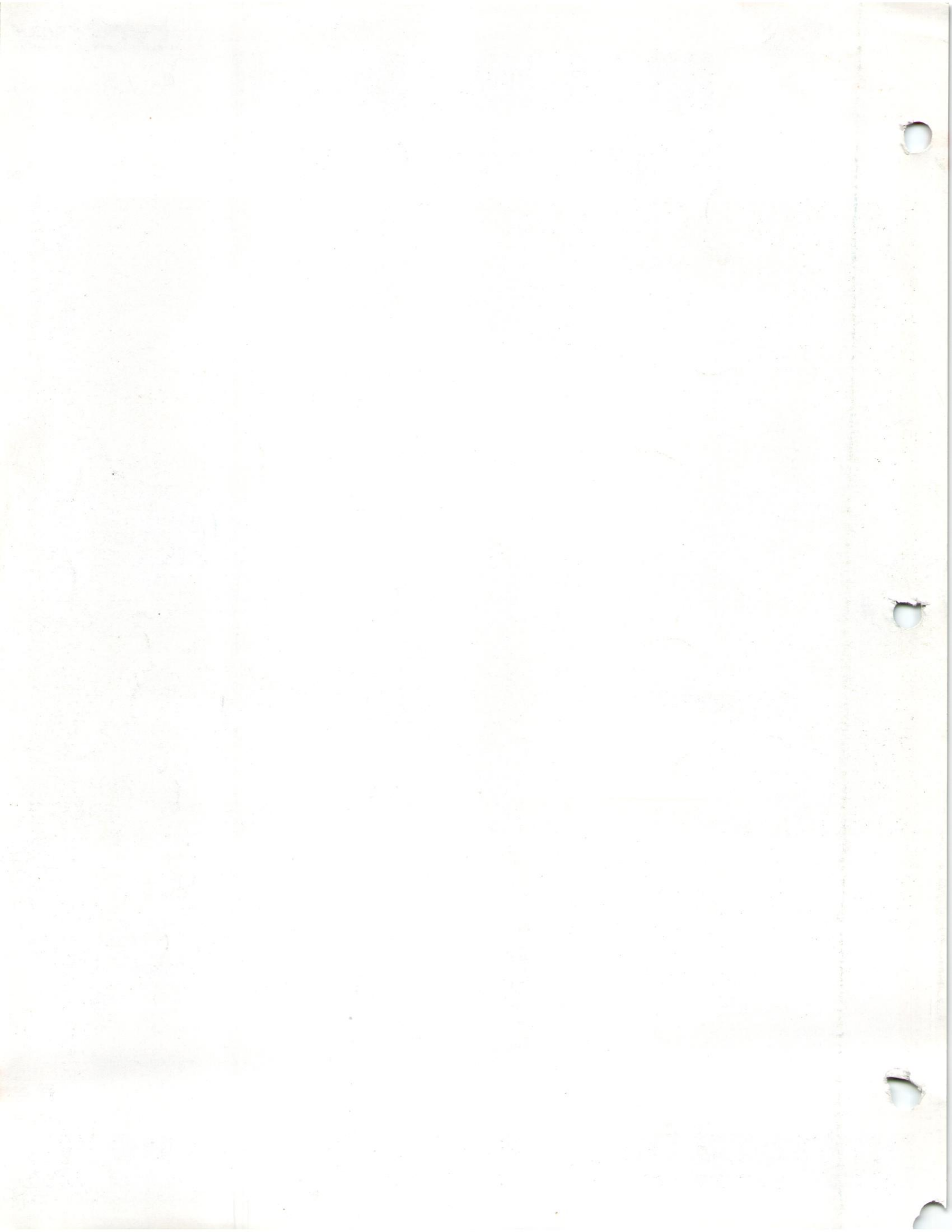
Features
- Buffer . . . 3K bytes (option 5K byte)
- Color printing (Red and Black)
- Shadow printing
- Super/sub script
- Auto underlining
- Carriage skip movement
- Proportional spacing
- Text reprinting
- Clear buffer

Specifications
■ HR-15XL Printer

Interface	CENTRONICS parallel, RS-232C serial

CENTRONICS Parallel Timing Chart

BUSY
ACKLNG — 200 to 1000µ
DATA 1 to 8 — 4 to 6µ — 20 to 800µ
DATA STROBE — 1µ 1µ 1µ

Buffer Full / Buffer Empty

Print speed	17 CPS
Print wheel	96 characters/wheel, Cassette type (Easily changed by operator)
Print wheel life	10 million characters Min./wheel
Character/line	110 characters (1/10″), 132 characters (1/12″), 165 characters (1/15″)
Paper width	13.5 inches (343 mm)
Copy capacity	Original (45 kg) + 4 copies (15 kg)
Carriage motion	Bi-directional: 10, 12, 15 positions/inch, Proportional spacing, Minimum increment 1/120 inch
Carriage return speed	1,100 ms Max.
Paper feed	Bi-directional, Friction platen
Paper feed speed	2.5 inches/second
Line spacing	6, 4, 3 positions/inch Minimum increment 1/48 inch
Ribbon	Cassette type: Single strike ribbon (60,000 char. Max.) Multi strike ribbon (150,000 char. Max.) Fabric ribbon (500,000 char. Max.) Correctable ribbon (60,000 char. Max.)
Control panel	Indicators: SELECT, POWER, ALARM, COPY, LINE, PITCH Switches: SELECT, LF, TOF, LINE, PITCH, COPY
Noise	Less than 65 d.B. A scale
Temperature	10°C to 40°C (50°F to 104°F) (operating)
Humidity	20% to 80% (operating, non-condensation)
Power	100, 115, 220, or 240 V AC, 50 & 60 Hz
Power consumption	50W
Reliability	MTBF 3,000 HRS (25% Duty)
Dimensions	464 (W) × 166 (H) × 330 (D) mm (18.3 × 6.5 × 13.0″)
Weight	8.9 kg (19.6 lbs)

Specifications are subject to change without notice.

Standard Control Codes

Symbol	Function
BEL	Bell
BS	Back space
LF	Print and Line Feed
FF	Print and Form Feed
CR	Print
DC1	Printer select
DC3	Printer deselect
CAN, DEL	Cancel
VT	Vertical Tabulation
HT	Horizontal Tabulation

ESC Control Codes

Symbol	Function
ESC+BS	1/120″ BS
ESC+HT+n	Absolute HT movement
ESC+LF	Reverse paper feed
ESC+VT+n	Absolute VT movement
ESC+FF+n	Page length set: Reset to DIP switch by ESC+S
ESC+CR+P	Printer reset
ESC+RS+n	VMI set: Reset to swtich panel by ESC+S
ESC+US+n	HMI set: Reset to switch panel by ESC+S
ESC+"	Auto LF "ON"
ESC+#	Auto LF "OFF"
ESC+&	Shadow, double print clear
ESC+−	VT set at current position
ESC+/	Auto backward print set
ESC+0	Right margin set at current position
ESC+1	HT set at current position
ESC+2	All HT, VT clear
ESC+5	Foward print set
ESC+6	Backward print set
ESC+8	Curent position HT clear
ESC+9	Left margin set at current position
ESC+A	Red print set
ESC+B	Black print set
ESC+C	Top margin, bottom margin clear
ESC+D	Paper feed backward 1/2 of VMI
ESC+E	Auto underline set
ESC+F	Double print set
ESC+H	Auto strike-out set
ESC+I	Auto strike-out clear
ESC+L	Bottom margin set at current position
ESC+P	PS mode set
ESC+Q	PS mode clear
ESC+R	Auto underline clear
ESC+S	Reset to switch panel, DIP switch
ESC+T	Top margin set at current position
ESC+U	Paper feed 1/2 of VMI
ESC+W	Shadow print set
ESC+X	WP clear
ESC+Y	Prints 20H of print code table
ESC+Z	Prints 7FH of print code table
ESC+\	Auto backward print clear

Optional accessories

KB-50 Keyboard
Plug in the KB-50 typewriter keyboard and turn the HR-15XL into a typewriter in just seconds!

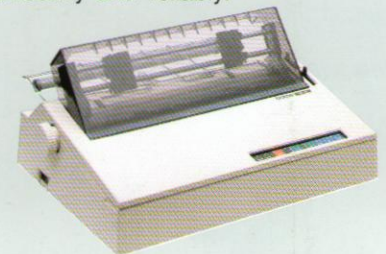|	
Key	46 keys
Key form	Step Sculpture
Key touch	Tactile feeling
Roll over	2 key Roll over
Dimensions	408 (W) × 20.5 (H) × 187 (D) mm (16.0 × 0.8 × 7.4″)
Weight	1.0 kg (2.2 lbs)

CF-50 Cut Sheet Feeder
The CF-50 will automatically feed up to 150 sheets of standard letter (8 1/2 × 11) paper into the HR-15XL to save time and effort.
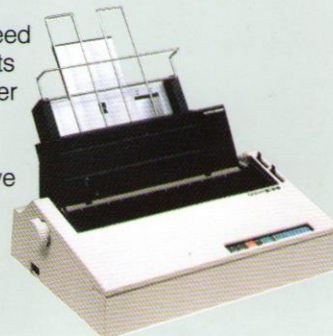
Paper width	Max. 8½ inches (216 mm)
Paper capacity	150 sheets
Paper feed speed	2.5 inches/second

TF-50 Tractor Feeder
The TF-50 continuously feeds fan fold paper to the HR-15XL smoothly and reliably.

Paper width	Max 12 inches (305 mm)
Paper feed speed	2.5 inches/second

$600

brother®

HR-15XL, The Affordable Daisy Wheel Printer

Printout quality need not be sacrificed simply because of cost. This is the philosophy behind Brother's new HR-15XL daisy wheel printer. Features such as a 3K (5K optional) buffer, text reprinting (copy), two-color printing, and shadow printing team up to provide quick, clear printouts. Such options as paper feeders and the exclusive Brother keyboard unit offer further versatility. HR-15XL also incorporates such welcome functions as bidirectional 17 character per second printing, proportional spacing, automatic underlining, super and sub script capabilities. Brother HR-15XL . . . in a class way ahead of the rest.
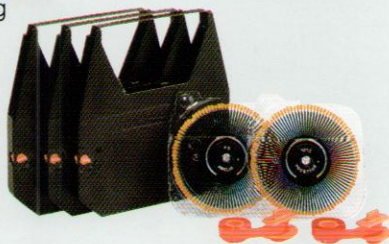

Brother's advanced printer features for the highest quality letters.

Daisy wheel cassettes
Brother daisy wheel cassettes slip in and out without getting ink on fingers or damaging the elements.

Ribbon cassettes
Brother mess-less ribbon cassettes snap in and out with minimum effort and no dirty fingers.

Text reprinting
Set the printer to continuously print out whatever is stored in its buffer with the press on a button.

Proportional spacing
Unnecessary gaps between characters are eliminated by adjusting the space allotted for each letter according to its size for uniform appearance and professional finish.

Impact control
Allows control of the print impact.

Two-color printing
Characters, words or phrases can be printed in another color for added emphasis.

Direct printing
Lets you use your computer's keyboard as an electronic typewriter.

Shadow printing
Ideal for stressing text segments and other items that require emphasis.

Auto underlining
Underline anything automatically during printout.

Super/sub script
Ideal for fractions, exponential and other notations.

Control panel

- Power Lamp
- Indicates ribbon-out, paper-out, etc.
- Reprints or clears data in buffer
- Specifies character spacing — 10, 12 or 15 per inch

- Determines line spacing — 1, 1.5 or 2.
- Advances paper to top of form position.
- Feeds paper at specified pitch.
- Puts printer in ON/OFF line mode.

The printer control panel makes settings quick and easy.