

# Ficha técnica

Epson

## Modelos / familias

LX-1350II

## Fuente del fabricante

LX-1350II User/Technical Guide

<https://download.epson-europe.com/pub/download/6348/epson634848eu.zip>

Las páginas siguientes son un extracto técnico del documento oficial del fabricante.

# Printer Specifications



LX-1310/LX-1350



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## Printer Specifications

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### Mechanical

|                        |                                                                                                                                               |                                                                                                  |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Printing method:       | 9-pin impact dot matrix                                                                                                                       |                                                                                                  |
| Printing speed:        | High speed draft                                                                                                                              | 347 cps at 10 cpi<br>357 cps at 12 cpi<br>390 cps at 15 cpi                                      |
|                        | High speed draft condensed                                                                                                                    | 383 cps at 17cpi<br>298 cps at 20 cpi                                                            |
|                        | Draft                                                                                                                                         | 260 cps at 10 cpi<br>312 cps at 12 cpi<br>223 cps at 15 cpi                                      |
|                        | Draft condensed                                                                                                                               | 222 cps at 17 cpi<br>260 cps at 20 cpi                                                           |
|                        | Draft emphasized                                                                                                                              | 130 cps at 10 cpi                                                                                |
|                        | NLQ                                                                                                                                           | 65 cps at 10 cpi<br>78 cps at 12 cpi<br>55 cps at 15 cpi<br>47 cps at 17 cpi<br>56 cps at 20 cpi |
| Printing direction:    | Bidirectional logic seeking for text and graphics printing. Unidirectional text or graphics printing can be selected using software commands. |                                                                                                  |
| Line spacing:          | 4.23 mm (1/6-inch) or programmable in 0.118 mm (1/216-inch) increments                                                                        |                                                                                                  |
| Printable columns:     | 136 columns (at 10 cpi)                                                                                                                       |                                                                                                  |
| Resolution:            | 240 × 144 dpi maximum                                                                                                                         |                                                                                                  |
| Feeding method:        | Friction feed (rear paper entry)<br>Push tractor feed (rear paper entry)                                                                      |                                                                                                  |
| Feeder:                | Rear push tractor<br>Roll paper holder (Optional)                                                                                             |                                                                                                  |
| Paper feed speed:      | Continuous                                                                                                                                    | 63 mm/second<br>(2.5 inches/second)                                                              |
|                        | Intermittent                                                                                                                                  | 63 msec/line at 1/6-inch line spacing                                                            |
| Reliability:           | Total print volume                                                                                                                            | 20 million lines<br>(except print head)<br>MTBF 10,000 POH<br>(25% duty)                         |
|                        | Print head life                                                                                                                               | 400 million strokes per wire                                                                     |
| Dimensions and weight: | When using continuous paper:                                                                                                                  |                                                                                                  |
|                        | Height                                                                                                                                        | 199 mm (7.8 inches)                                                                              |
|                        | Width                                                                                                                                         | 537 mm (21.1 inches)                                                                             |
|                        | Depth                                                                                                                                         | 355 mm (14.0 inches)                                                                             |
|                        | (including the paper supports and knob.)                                                                                                      |                                                                                                  |
|                        | When using single sheets:                                                                                                                     |                                                                                                  |

|                                                    |                                          |                        |
|----------------------------------------------------|------------------------------------------|------------------------|
|                                                    | Height                                   | 207 mm (8.1 inches)    |
|                                                    | Width                                    | 537 mm (21.1 inches)   |
|                                                    | Depth                                    | 317 mm (12.5 inches)   |
|                                                    | (including the paper supports and knob.) |                        |
|                                                    | Weight                                   | approx. 6 kg (13.2 lb) |
| Ribbon:                                            | Black ribbon cartridge (S015642)         |                        |
| Ribbon life<br>(Draft, 10 cpi, 14 dots/ character) | Black ribbon                             | 4 million characters   |
| Acoustic noise:                                    | Approx. 53 db (A) (ISO 7779 pattern)     |                        |

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## Electronic

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interfaces:       | One standard bidirectional, 8-bit, parallel interface with IEEE-1284 nibble mode support, one EIA-232D serial interface, and one USB (ver. 2.0) interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Buffer:           | 128 KB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Built-in fonts:   | Bitmap fonts:<br>EPSON Draft 10, 12, 15 cpi<br>EPSON Roman 10, 12, 15 cpi, proportional<br>EPSON Sans Serif 10, 12, 15 cpi, proportional<br>Bar code fonts:<br>EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Character tables: | Standard:<br>One Italic and 12 graphical character tables:<br>Italic table, PC 437 (US, Standard Europe), PC 850 (Multilingual), PC 860 (Portuguese), PC 861 (Icelandic), PC 865 (Nordic), PC 863 (French-Canadian), BRASCII, Abicomp, ISO Latin 1, Roman 8, PC 858, ISO 8859-15<br>Expanded:<br>One Italic and 42 graphical character tables:<br>Italic table, PC 437 (US, Standard Europe), PC 850 (Multilingual), PC 860 (Portuguese), PC 861 (Icelandic), PC 865 (Nordic), PC 863 (French-Canadian), BRASCII, Abicomp, ISO Latin 1, Roman 8, PC 858, ISO 8859-15, PC 437 Greek, PC 852 (Eastern Europe), PC 853 (Turkish), PC 855 (Cyrillic), PC 857 (Turkish), PC 866 (Russian), PC 869 (Greek), MAZOWIA (Poland), Code MJK (CSFR), ISO 8859-7 (Latin/Greek), ISO Latin 1T (Turkish), Bulgaria (Bulgarian), PC 774 (LST 1283: 1993), Estonia (Estonian), PC 771 (Lithuanian), ISO 8859-2, PC 866 LAT. (Latvian), PC 866 UKR (Ukrainian), PC APTEC (Arabic), PC 708 (Arabic), PC 720 (Arabic), PC AR 864 (Arabic), Hebrew7, Hebrew8, PC862 (Hebrew), PC437 Slovenia, PC MC, PC1250, PC1251, KZ1048 (Kazakhstan) |
| Character sets:   | 13 international character sets:<br>USA, France, Germany, UK, Denmark 1, Sweden, Italy, Spain I, Japan, Norway, Denmark 2, Spain 2, Latin America                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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## Electrical

This product will enter sleep mode after a period of nonuse. The time interval has been set at the factory to ensure that the product meets Energy Star standards of energy efficiency and cannot be modified by the consumer.

|                       | 220 to 240 V Model                                                                                                                                              |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input voltage range   | AC 198 to 264 V                                                                                                                                                 |
| Rated frequency range | 50 to 60 Hz                                                                                                                                                     |
| Input frequency range | 49.5 to 60.5 Hz                                                                                                                                                 |
| Rated current         | 0.5 A (maximum 0.9 A depending on the character type)                                                                                                           |
| Power consumption     | Approx. 33 W (ISO/IEC 10561 letter pattern)<br>Approx. 10 W in ready mode<br>Approx. 1.1 W in sleep mode*<br>Approx. 0.5 W in auto off mode<br>0 W in power off |

\* sleep mode: When 4 minutes and 30 seconds pass in the following condition, the printer enters sleep mode.

- No operation
- No error
- There is no data in input buffer



Note:

Check the label on the back of the printer for the voltage of your printer.

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## Environmental

|           | Temperature<br>(without condensation) | Humidity<br>(without condensation) |
|-----------|---------------------------------------|------------------------------------|
| Operation | 5 to 35 °C (41 to 95 °F)              | 10 to 80% RH                       |
| Storage   | -30 to 60 °C (-22 to 140 °F)          | 0 to 85% RH                        |

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## Paper



Note:

- Use recycled paper, envelopes, and single-sheet multipart forms only under normal temperature and humidity conditions, as follows:  
Temperature: 15 to 25 °C (59 to 77 °F)  
Humidity: 30 to 60% RH
- Do not load paper that has been folded or is damaged, wrinkled, or curled.

### Single sheets (standard): paper guide entry

|           |                                          |
|-----------|------------------------------------------|
| Width     | 148 to 420 mm (5.8 to 16.5 inches)       |
| Length    | 100 to 364 mm (3.9 to 14.3 inches)       |
| Thickness | 0.065 to 0.14 mm (0.0025 to 0.0055 inch) |
| Weight    | 52 to 90 g/m <sup>2</sup> (14 to 24 lb)  |

### Single-sheet multipart forms: paper guide entry

|           |                                         |
|-----------|-----------------------------------------|
| Width     | 148 to 420 mm (5.8 to 16.5 inches)      |
| Length    | 100 to 364 mm (3.9 to 14.3 inches)      |
| Copies    | 1 original + up to 4 copies             |
| Thickness | 0.12 to 0.39 mm (0.0047 to 0.015 inch)  |
| Weight    | 40 to 58 g/m <sup>2</sup> (12 to 15 lb) |
| Binding   | Line-glued at the top of form           |

### Envelopes: paper guide entry

|           |                                                                                  |
|-----------|----------------------------------------------------------------------------------|
| Size      | No. 6: 165 × 92 mm (6.5 × 3.6 inches)<br>No. 10: 241 × 105 mm (9.5 × 4.1 inches) |
| Thickness | 0.16 to 0.52 mm (0.0063 to 0.0205 inch)                                          |
| Weight    | 45 to 90 g/m <sup>2</sup> (12 to 24 lb)                                          |

### Continuous paper (standard and multipart): rear entry

|                                    |                                          |
|------------------------------------|------------------------------------------|
| Width                              | 101.6 to 406.4 mm (4.0 to 16.0 inches)   |
| Length (one page)                  | 101.6 to 558.8 mm (4.0 to 22.0 inches)   |
| Copies                             | 1 original + up to 4 copies              |
| Thickness                          | 0.065 to 0.39 mm (0.0025 to 0.015 inch)  |
| Weight<br>(not multipart)          | 52 to 82 g/m <sup>2</sup> (14 to 22 lb)  |
| Weight<br>(one sheet of multipart) | 40 to 58 g/m <sup>2</sup> (12 to 15 lb)  |
| Binding                            | Point glue or paper staple on both sides |

Roll paper: rear entry with optional roll paper holder

|           |                                         |
|-----------|-----------------------------------------|
| Width     | 216 mm (8.5 inches)                     |
| Thickness | 0.07 to 0.09 mm (0.0028 to 0.0035 inch) |
| Weight    | 52 to 82 g/m <sup>2</sup> (14 to 22 lb) |

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Recommended printable area

 **Note:**

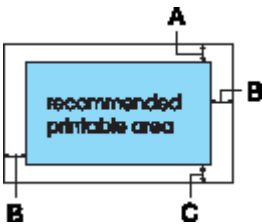
For best results, print within the recommended printable area. The printer may not print outside this area.

Single sheets:



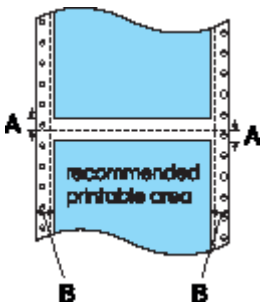
- A The minimum top margin is 4.2 mm (0.17 inch).
- B The minimum left and right margins are 3.0 mm (0.12 inch) each.  
For single sheets the maximum paper width is 420 mm (16.5 inches).  
The maximum printable width is 345.44 mm (13.6 inches). If the paper size is substantially wider than this, the side margins will be wider than the minimum, but the printable width does not increase beyond 345.44 mm (13.6 inches).
- C The minimum bottom margin is 4.2 mm (0.17 inch).

Envelopes:



- A The minimum top margin is 4.2 mm (0.17 inch).
- B The minimum left and right margins are 3.0 mm (0.12 inch) each.  
For envelopes the maximum paper width is 241 mm (9.5 inches).  
The maximum horizontal printable area is 234.9mm (9.25 inch). If the envelope size is substantially wider than this, the side margins will be wider than the minimum, but the printable width does not increase beyond 234.9 mm (9.25 inches).
- C The minimum bottom margin is 4.2 mm (0.17 inch).

Continuous paper:



- A The minimum top and bottom margins above and below the perforation are 4.2 mm (0.17 inch) each.
- B The minimum left and right margins are 13 mm (0.51 inch) each.  
The maximum paper width is 406.4 mm (16.0 inches).  
The maximum printable width is 345.44 mm (13.6 inches). If the paper size is substantially wider than this, the side margins will be wider than the minimum, but the printable width does not increase beyond 345.44 mm (13.6 inches).

#### Roll paper:

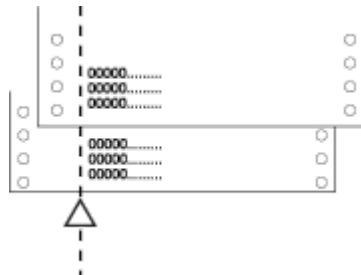


- A The minimum top margin is 4.2 mm (0.17 inch).
- B The minimum left and right margins are 3.0 mm (0.12 inch) each.  
The maximum printable width is 203.2 mm (8.0 inches).

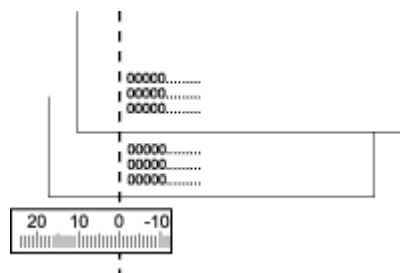
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## Paper alignment

For continuous paper, printing starts at the arrow mark on the printer. The unprintable area is to the left of the arrow mark.



For single sheets, printing starts at "0" on the paper guide scale. The unprintable area is to the left of the "0."



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# Command Lists



## LX-1310/LX-1350



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## Command Lists

[EPSON ESC/P control codes](#)

[IBM PPDS emulation control codes](#)

Your printer supports the EPSON ESC/P control codes and IBM PPDS emulation control codes listed below.

### EPSON ESC/P control codes

Selecting an EPSON ESC/P printer in your software allows you to use advanced fonts and graphics.

General operation:

ESC @, ESC U

Paper feeding:

FF, LF, ESC 0, ESC 1, ESC 2, ESC 3, ESC A, CR

Page format:

ESC (C, ESC C, ESC C 0, ESC Q, ESC I, ESC (c, ESC N, ESC O, ESC (U

Print position motion:

ESC \$, ESC \, ESC D, HT, ESC B, VT, ESC J

Font selection:

ESC k, ESC x, ESC y, ESC P, ESC M, ESC g, ESC p, ESC 4, ESC 5, ESC E, ESC F, ESC !

Font enhancement:

ESC W, DC4, SO, DC2, SI, ESC w, ESC G, ESC H, ESC T, ESC S, ESC -

Spacing:

ESC Space

Character handling:

ESC t, ESC (t, ESC R, ESC %, ESC &, ESC :, ESC I, ESC 6, ESC 7

Bit image:

ESC K, ESC L, ESC Y, ESC Z, ESC \*, ESC ^

Bar code:

ESC (B

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### IBM PPDS emulation control codes

This printer emulates the IBM Proprinter using the commands below. For detailed information, see the IBM PPDS reference manual.

General operation:

NUL, DC3, ESC j, BEL, CAN, DC1, ESC Q, ESC [ K, ESC U

Paper feeding:

FF, LF, ESC 5, ESC A, ESC 0, ESC 1, ESC 2, ESC 3, CR, ESC ]

Page format:

ESC C, ESC C0, ESC X, ESC N, ESC O, ESC 4

Print position motion:

ESC d, ESC R, ESC D, HT, ESC B, VT, ESC J