# DOT MATRIX PRINTER
## 24-PIN NARROW CARRIAGE
## LQ-310

**EPSON**

EXCEED YOUR VISION

# YOUR FAST AND AFFORDABLE PRINTING SOLUTION.

Designed to do more with less, Epson LQ-310 offers fast-printing at a low cost. Compact and capable, Epson LQ-310 24-pin dot matrix printer features extraordinary speed, output quality and reliability. Epson's constant innovations in printing solutions give you the best performing printer that suits your fast paced environment.

Print

Cost Effective

Power Savings

# ENGINEERED FOR BUSINESS

### High Processing Speed
You can now enjoy high-speed processing time, with 128KB data buffer that will reduce waiting time.

### Fast Print Speed
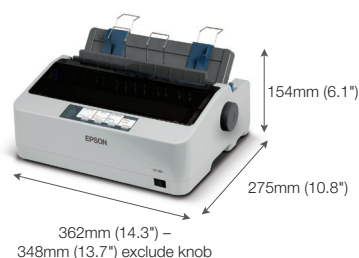Maximize productivity with a fast print speed of up to 416 characters per second (12 cpi).

### Long-life Reliability
With a Mean Time Between Failure (MTBF) rating of 10,000 POH (power on hours), it saves cost on electricity without compromising good quality printing.

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| MODEL NUMBER | | LQ-310 |
|---|---|---|
| **Printing Technology** | | |
| Print Method | | Impact dot matrix |
| Number of Pins in Head | | 24 pins |
| Print Direction | | Bi-direction with logic seeking |
| Control Code | | ESC/P2 and IBM PPDS emulation |
| **Print Speed** | | |
| High Speed Draft | 10 / 12 cpi | 347 / 416 cps |
| Draft | 10 / 12 / 15 cpi | 260 / 312 / 390 cps |
| Draft Condensed | 17 / 20 cpi | 222 / 260 cps |
| LQ | 10 / 12 / 15 cpi | 86 / 103 / 129 cps |
| LQ Condensed | 17 / 20 cpi | 147 / 172 cps |
| **Print Characteristics** | | |
| Character Sets | | Italic table, PC437 (US Standard Europe), PC850 (Multilingual), PC860 (Portuguese), PC861 (Icelandic), PC863 (Canadian-French), PC865 (Nordic), Abicomp, BRASCII, Roman 8, ISO Latin 1, PC 858, ISO 8859-15 |
| Bitmap Fonts | | Epson Draft: 10, 12, 15 cpi; Epson Roman & San Serif: 10, 12, 15 cpi, Proportional; Epson Courier: 10, 12, 15 cpi; Epson Prestige: 10, 12 cpi; Epson Script, OCR-B, Orator & Orator-S: 10cpi; Epson Script C: Proportional |
| Scalable Fonts | | Epson Roman, Epson San Serif, Epson Roman T & Epson San Serif H: 10.5pt., 8pt. - 32pt. (every 2pt.) |
| Barcode Fonts | | EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, Postnet |
| **Printable Columns** | | |
| Pitch | 10 / 12 / 15 / 17 / 20 cpi | 80 / 96 / 120 / 137 / 160 cpl |
| **Paper Handling** | | |
| Paper Path | Tractor | Rear in, Top out |
| | Manual Insertion | Rear in, Top out |

| Paper Size | Length | Width | Thickness |
|---|---|---|---|
| Cut Sheet (Single Sheet) | 100 ~ 364 mm (3.9 ~ 14.3") | 100 ~ 257 mm (3.9 ~ 10.1") | 0.065 ~ 0.14 mm (0.0025 ~ 0.0055") |
| Cut Sheet (Multi Part) | 100 ~ 364 mm (3.9 ~ 14.3") | 100 ~ 257 mm (3.9 ~ 10.1") | 0.12 ~ 0.32 mm (0.0047 ~ 0.0126") (Total) |
| Envelope (No.6) | 92 mm (3.6") | 165 mm (6.5") | 0.16 ~ 0.52 mm (0.0063 ~ 0.0205") (Total) |
| Envelope (No.10) | 105 mm (4.1") | 241 mm (9.5") | 0.16 ~ 0.52 mm (0.0063 ~ 0.0205") (Total) |
| Continuous Paper (Single Sheet and Multi part) | 101.6 ~ 558.8 mm (4.0 ~ 22.0") | 101.6 ~ 254.0 mm (4.0 ~ 10.0") | 0.065 ~ 0.32 mm (0.0025 ~ 0.0126") (Total) |
| Roll Paper | NA | 216 mm (8.5") | 0.07 ~ 0.09 mm (0.0028 ~ 0.0035") |

| | | |
|---|---|---|
| Paper Feeding | | |
| Standard | | Friction, Push Tractor |
| Optional | | N/A |
| Copies | | Original + 3 copies |
| Line Spacing | | 4.23mm (1/6") or programmable in increments of 0.118mm (1/216") |
| **Input Data Buffer** | | 128KB |
| **Interface** | | |
| Standard | | Bi-directional parallel interface (IEEE-1284 nibble mode supported) |
| | | USB 2.0 Full-Speed |
| | | Serial |
| **Ribbon Cartridge** | | |
| Standard | | Fabric Ribbon Cartridge (Black) |
| Ribbon Life | | Approx. 2.5 million characters (Draft 10 cpi, 48 dots/character) |
| **Acoustic Noise** | | Approx. 53 dB(A) (ISO 7779 pattern) |
| **Reliability** | | |
| Mean Print Volume Between Failure (MVBF) | | Approx. 20 million lines (Except print head) |
| Mean Time Between Failure (MTBF) | | Approx. 10,000 POH (25% Duty) |
| Print Head Life | | Approx. 400 million strokes/wire |
| **Control Panel** | | 4 switches and 5 LEDs |
| **Environmental Conditions (Operating)** | | |
| Temperature | | 5 ~ 35°C |
| Humidity | | 10 ~ 80 % RH |
| **Electrical Specification** | | |
| Rated Voltage | | AC 120V / AC 220 - 240V |
| Rated Frequency | | 50Hz ~ 60Hz |
| Power Consumption | | |
| Operating | | Approx. 22W (ISO/IEC 10561 Letter pattern), (ENERGY STAR compliant) |
| Sleep Mode | | Approx. 1.0 W (120V) / 1.3 W (230V) |
| Auto Off Mode | | Approx. 0.5W |
| Power Off | | 0W |
| **Printer Driver / Utility** | | |
| Operating System | | Microsoft® Windows® 2000 / XP / 7, Microsoft® Windows Vista® |
| Utility | | |
| Epson Status Monitor 3 | | Microsoft® Windows® 2000 / XP / 7, Microsoft® Windows Vista® |
| Epson Printer Setting | | Microsoft® Windows® 2000 / XP / 7, Microsoft® Windows Vista® |

**Dimensions & Weight**

**Weight:** Approx. 4.1kg (9.0lb)



154mm (6.1")
275mm (10.8")
362mm (14.3") – 348mm (13.7") exclude knob

**Options**

Fabric Ribbon Cartridge (Black)    S015639

**Legend**

| | |
|---|---|
| cpi | Characters per inch (Characters per 25.4mm) |
| cps | Characters per second |
| cpl | Characters per line |
| POH | Power On Hours |

Dealer's Stamp

Information correct at time of printing
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**EPSON SERVICE**

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