Powering business productivity with superior performance and reliability

With powerful 24-pin technology, the Epson LQ-590 and the wide-format Epson LQ-2090 deliver precision text and graphics, plus rugged reliability for critical print requirements. Offering print speeds of up to 529 cps and seamless integration into existing printing environments, these robust performers are sure to increase productivity. With versatile 5-part forms printing, multiple paper loading options, and a durable, long-lasting ribbon, each product races through tickets, purchase orders, invoices and more.

Perfect for point-of-sale, manufacturing, and production environments, these two printers boast an amazing 20,000 POH MTBF rating and a 400 million character print head life. Each features an easy-to-use control panel that makes changing settings a snap, while convenient configuration software facilitates simple setup via a PC. These two workhorses provide Parallel and USB interfaces, plus a slot for optional interface cards, including high-speed Ethernet, for greater compatibility with practically any system. And, with both Epson and IBM® printer languages, they’re perfect replacements for the Okidata® ML-390/490, the Epson LQ-570e/870 or the wide-format Epson LQ-2080.

Ideal for businesses that require high-quality, multipart forms printing, the reliable Epson LQ-590 and LQ-2090 printers offer extremely low operational costs compared to other printing technologies, as well as superior performance in comparison to other impact printers in their class. Designed for use in demanding print environments, these heavy-duty dot matrix printers handle critical business applications with precision and ease. And they’re backed by a three-year warranty that includes Epson’s superior service and support.

Key Features
- Powerful 24-pin print head technology
  - Delivers high quality text and graphics for critical applications
- Ultra fast print speeds
  - Speeds through multipart forms, reports, labels and more at up to 529 cps
- Extreme reliability in demanding print environments
  - Offers an MTBF rating of 20,000 POH and a 400 million character print head life
  - Facilitates greater productivity with less downtime
- Long-life ribbon cartridge that’s easy to install
  - 5 million (LQ-590)/8 million (LQ-2090) character ribbon cartridge reduces the need for frequent ribbon changes
  - Ensures the lowest cost per page
- Advanced paper handling capabilities for greater flexibility
  - Provides four convenient paper paths to accommodate cut sheet paper and continuous forms up to 5 parts thick
- Easy system integration
  - Includes USB and Parallel connections, plus an additional slot for optional Type B interface cards
  - Epson and IBM printer languages ensure compatibility for new and legacy printing applications
- Simplified setup and operation
  - Improved menu navigation allows quick and easy changes to printer settings
  - Remote Configuration Manager facilitates easy setup via a PC
  - Convenient setting for whisper-quiet operation
  - Three-year warranty backed by Epson’s superior service and support

IMPACT PRINTER
LQ-590/LQ-2090

EPSON LQ-2090

Printed Throughput Test: 60 SEC 10ppm Letter Pattern
Printing Method
40-pin, impact at matrix

Print Direction
Bidirectional with logic seeking in Text and Graphics Mode

Character Sets
- RS-232 characters: 64 international character sets and 16 legal character sets, 128 symbol-defined characters, Expanded IBM data graphic character set
- Epson proprietary fonts (ESC/P2, ESC/P3, LQ-590, SM)

Resident Fonts
- Epson Sans Serif H 10.5 pt; 8-32 pt every 2 pt
- Epson Roman T 10.5 pt; 8-32 pt every 2 pt
- Epson Script C Proportional
- Epson OCRB 10 cpi
- Epson Script 10 cpi
- Epson Courier 10, 12, 15 cpi
- Epson Sans Serif 10, 12, 15 cpi proportional
- Epson Roman 10, 12, 15 cpi proportional
- Epson Draft 10, 12, 15 cpi

Scalable Fonts
- POSTNET, Codabar (NW-7), Industrial 2 of 5, Matrix 2 of 5, EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, Bar Code Fonts
- Epson Orator-S 10 cpi
- Epson Orator 10 cpi
- Epson Script C Proportional
- Epson OCRB 10 cpi
- Epson Script 10 cpi
- Epson Courier 10, 12, 15 cpi
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Paper Handling
- Font: continuous multi-pitch, original and 4 character sets, maximum thickness: 0.020" (0.51 mm)
- Epson ESC/P2

Software Drivers
- Windows 95, 98, 2000, Me, XP and NT 4.0
- Epson Connection

Interface
- Bidirectional Parallel (IEEE 1284 Nibble Mode supported)

Printhead Life
- 5 million characters at 48 dots/character (LQ-590)
- 8 million characters at 48 dots/character (LQ-2090)
- 200,000 DCPs (50% duty cycle)
- 15,000 characters of all characters (LQ-590)
- 10,500 characters of all characters (LQ-2090)

Reliability
- MTBF 20,000 PPM (25% duty cycle)
- Panel lockout
- Micro adjust, top-of-form adjustment, paper parking, default feature setting, control panel

Electrical Requirements
- Input voltage range: 100 to 120VAC, 50 to 60Hz
- Rated voltage: 120VAC

Power Requirements
- Input voltage range: 100 to 120VAC, 50 to 60Hz
- Rated voltage: 120VAC

Environmental Specifications
- Operating Temperature: 41 to 95°F (5 to 35°C)
- Operating Humidity: 20 to 80% RH (non-condensing)

Sound Level
- Max. 52 dBA

Physical Dimensions
- Width
  - LQ-590: 16.3" (414.6 mm)
  - LQ-2090: 23.2" (590.4 mm)
- Depth
  - LQ-590: 6.3" (160 mm)
  - LQ-2090: 13.8" (351 mm)
- Height
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