

Epson® LQ-2090II Series

Impact Printer Series



Wide-format impact printers built for demanding print environments.

Engineered for reliability — long life cycle; durable design with very few moving parts; withstands dust, humidity and extreme temperatures

Low cost of ownership — up-to-8-million-character ribbon cartridge¹ offers a low cost per page and helps reduce the frequency of user interventions

Powerful productivity — ultra fast, wide-format, 24-pin printer speeds through multipart forms and reports at up to 584 cps²

Seamless integration with both new and legacy systems — includes Epson ESC/P2® and IBM® PPDS printer languages for greater flexibility

Advanced paper handling — simple paper path for remarkable reliability; accommodates cut-sheet paper and continuous or multipart forms up to 7 pages thick³

Easy setup and operation — user-friendly control panel with intuitive setup and configuration features

Low power consumption — ENERGY STAR® V2.0 compliant

Multiple connectivity options — parallel and USB connectivity

Serial port and Ethernet compatible — network card supports IPv6 (LQ-2090II N model only)

Print

Printing Method 24-pin impact dot matrix

Print Direction Bidirectional logic seeking for text and graphics printing; unidirectional text or graphics printing can be selected using software commands

Print Speed

Ultra speed draft: 550 cps (10 cpi)

High-speed draft: 487 cps (10 cpi), 584 cps (12 cpi)²

Draft: 366 cps (10 cpi)

Letter quality (LQ): 121 cps (10 cpi)

Note: normal print speed is achieved when printer safety cover is fully closed

Character Sets

13 character tables

14 international countries character sets

Resident Bitmapped Fonts

Ultra high draft: 10 cpi

High-speed draft: 10, 12 cpi

Draft: 10, 12, 15, 17, 20 cpi

LQ: 10, 12, 15, 17, 20 cpi

Barcode Fonts EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET, Codabar (NW-7), Industrial 2 of 5, Matrix 2 of 5

Column Width

10 cpi: 136

12 cpi: 163

15 cpi: 204

17 cpi: 233

20 cpi: 272

Formatting 1/6" programmable in 1/360" increments

Paper Feed Mechanism

Feeding Method

Friction feed (front, rear), push tractor (front, rear), pull tractor (front, bottom, rear), push and pull tractor (front, rear), cut-sheet feeder (optional), roll paper holder (optional)

Paper Feed Speed 30.3 millisecond per 1/6", 5.5" per second continuous feed

Paper Path

Manual insertion: front or rear in, top out

Cut-sheet feeder: rear in, top out

Tractor: front rear or bottom in, top out

Pull/push tractor: front or rear in, top out

Paper Handling

Media Type Forms, continuous, multipart (original + 5 carbonless copies), 1 + 6 copies³ with pull tractor (optional), envelope no. 6, envelope no. 10, labels and roll paper

Maximum Thickness 0.0055" (0.14 mm)

Width

Single sheet: 3.9" to 16.5"

Continuous: 4.0" to 16.0"

Cut-sheet feeder: 3.9" to 16.5"

Length

Single sheet: 3.9" to 16.5"

Continuous: 4.0" to 22.0"

Cut-sheet feeder: 3.9" to 16.5"

General

Interfaces

LQ-2090II: bidirectional parallel (IEEE 1284 Nibble Mode supported), USB 2.0

LQ-2090II N (factory configuration only): bidirectional parallel (IEEE 1284 Nibble Mode supported), USB 2.0, serial interface board, network 10/100Base-TX interface board

Control Panel Functions Font, Pitch, Pause, Tear-Off/Bin selection, Line feed/Form feed, Load/Eject, Micro-Adjust, Reset, Self test, Data dump and Default setting selection

Reliability

MTBF: 25,000 POH (25% duty cycle)

MVBF: 50 million lines (except printhead)

Printhead life: 400 million characters, Draft 10 cpi,

14 dots/character¹

Ribbon life: 8 million characters, LQ 10 cpi, 48 dots/character¹

Input Data Buffer

Size: 128KB

Dimensions (W x D x H) 24.1" x 12.6" x 6.9"

(612 mm x 320 mm x 176.5 mm)

Weight 20.7 lb (9.4 kg)

Safety Certificates

Safety Standards: UL62368-1, CAN/CSA C22.2 No.60950-1, IEC/EN62368-1

EMI: FCC Part 15 Subpart B Class A, ICES-003 Class A

CE markings: EN62368-1, EN55032 Class A, EN61000-3-2, EN61000-3-3, E55024

Sound Level 55 dBA (ISO 7779 pattern)

Power Requirements

Rated voltage: AC 100 V – 240 V

Input voltage range: AC 90 V – 264 V

Rated frequency range: 50 Hz – 60 Hz

Input frequency range: 49.5 Hz – 60.5 Hz

Power Consumption

Operating Mode: Approx. 57 W (ISO/IEC 10561 Letter Pattern)

Ready Mode: Approx. 12 W

Sleep Mode: Approx. 0.5 W and 0.8 W (Network Model)

ENERGY STAR compliant: certified with V2.0

Software

Drivers⁴ OS support: Microsoft® Windows Vista®, Windows® 7, XP, 8, 10; Windows Server® 2003, 2008, 2012 and 2016

Printer Language

Epson ESC/P2

IBM PPDS

What's Included

Epson LQ-2090II or LQ-200II N Impact Printer, AC Cables, Ribbons Cartridge, User's Manual/Start Here Guide, Setup Guide, CD Driver, Warranty Certificate

Warranty

3-year limited warranty in the U.S. and Canada

Support

The Epson ConnectionSM

Pre-Sales Support (U.S. and Canada): 800-463-7766

Website: www.epson.com

Eco Features

RoHS compliant

End-of-life options available⁵

Epson America, Inc. is a SmartWay® Transport Partner⁶

Ordering Information

LQ-2090II	C11CF40201
LQ-2090II N	C11CF40202

Accessories and Cartridges

Ribbon Cartridge	S015335
Pull Tractor Unit	C12C933791
Single-Sheet Paper Guide Unit	C12C933811
Roll Paper Holder	C12C811141

¹ Based on letter quality printing, 10 cpi, 48 dots/character. | ² Based on High Speed Mode at 12 cpi. | ³ One original, plus six copies, is available only under normal temperature and humidity conditions. | ⁴ Additional software drivers available in your Windows operating system or at www.epson.com | ⁵ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁶ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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