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 cartridge[1] 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 cps[2]

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 thick[3]

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)

EPSON®

Epson® LQ-2090II Series

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 copies[3] 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/character[1]

Ribbon life: 8 million characters, LQ 10 cpi, 48 dots/character[1]

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

Drivers[4] 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 Connection℠

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

Website: www.epson.com

Eco Features

RoHS compliant

End-of-life options available[5]

Epson America, Inc. is a SmartWay® Transport Partner[6]

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.

See the latest innovations from Epson Business Solutions at **www.epson.com/forbusiness**

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Epson America, Inc.
3131 Katella Ave., Los Alamitos, CA 90720

Epson Canada Limited
185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
www.epson.ca

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info@greatpages.ca | 204-788-1444
www.greatpages.ca