

Epson® LQ-2090II

Impact Printer Series

Impact Printer

Business



Wide-format impact printers built for demanding print environments.

Extreme 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 reduces 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 thick

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)

Printer

Printing Method 24-pin, serial 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)
High Speed Draft: 584 cps (12 cpi)
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 with Pull Tractor (optional), Envelope No.6, Envelope No.10, labels, and roll paper

Maximum Thickness 0.14 mm (0.0055")

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

Standard: Bidirectional Parallel (IEEE 1284 Nibble Mode supported), USB 2.0

Optional (factory config. only): Serial Interface Board (LQ-2090II N model only)

Network 10/100Base-TX Interface Board (LQ-2090II N model only)

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

Ribbon Life¹: 8 million characters, LQ 10 cpi, 48 dots/character

Input Data Buffer

Size: 128Kb

Dimensions

Height: 176.5 mm (6.9")
Width: 612 mm (24.1")
Depth: 320 mm (12.6")

Weight 9.4 Kg (20.7 lb)

Safety Certificates

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

EMI: FCC part15 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 to 264 V
Rated Frequency Range: 50 to 60 Hz
Input Frequency Range: 49.5 to 60.5 Hz

Power Consumption

Operating Mode: Approx. 52 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

OS Support

Windows® 10, Windows 8, Windows 7, Windows Vista®, Windows XP

Windows Server® 2003, 2008, 2012 and 2016

Printer Language

Epson: ESC/P2

IBM: PPDS

Eco Features

RoHS compliant

Recyclable product³

Epson America, Inc. is a SmartWay® Transport Partner⁴

Warranty

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

Support Center – The Epson ConnectionSM

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

Website: www.epson.com

Ordering Information

LQ-2090II	C11CF40201
LQ-2090II N	C11CF40202

Accessories and Cartridges

Ribbon Cartridge	S015335
Additional Push/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 Draft Mode at 12 cpi. | 3 For convenient and reasonable recycling options, visit www.epson.com/recycle | 4 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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