

# 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 cartridge<sup>1</sup> 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 cps<sup>2</sup>

**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 NT 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 NT model only)

Network 10/100Base-TX Interface Board (LQ-2090II NT 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 Life<sup>1</sup>: 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 product<sup>3</sup>

Epson America, Inc. is a SmartWay® Transport Partner<sup>4</sup>

**Warranty**

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

**Support Center – The Epson Connection<sup>SM</sup>**

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

Website: www.epson.com

**Ordering Information**

LQ-2090II	C11CF40201
LQ-2090II NT	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.

See the latest innovations from Epson Business Solutions at [www.epson.com/forbusiness](http://www.epson.com/forbusiness)

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