Fast, reliable performance that's sure to impact your output

Impact Printer LQ-680Pro

How would you react to a 24-pin impact printer that delivered speed, versatility, and worry-free performance, all at an affordable price? Now's your chance to find out. Printing 413 cps in High-Speed Draft mode, the EPSON LQ-680Pro creates Letter Quality results on forms up to six parts thick. Thirtyeight percent faster than its predecessor, the popular EPSON LQ-670, this economical printer races through your mission critical tasks like printing tickets, receipts, checks, labels, and more.

Its straight paper path and flatbed feed design offer more efficient printing—without causing paper jams that can waste valuable time and damage high-cost forms. But, what's especially reassuring about the EPSON LQ-680Pro is its advanced APG (Automatic Platen Gap) technology. Sensing the thickness of multiple-part forms, it automatically adjusts the position of the print head to prevent damage to the pins from unnecessary force.

A perfect replacement to the EPSON LQ-670 or other flatbed printers, the EPSON LQ-680Pro is compatible with most software applications and integrates easily into most network platforms. With a mean-timebetween- failure (MTBF) rating of 10,000 power-on hours (POH), twice that of the EPSON LQ-670, the EPSON LQ-680Pro offers extreme durability. And, it has a 400-million strokes/wire print head rating.

With exceptional paper handling capabilities, dual paper paths, and eight bar-code fonts, this energyefficient printer is the perfect solution for your busy workgroup. It gives you speed and durability, without sacrificing performance. For state-of-the-art technology, application flexibility, and quality that will last, choose the EPSON LQ-680Pro. From the world leader in impact printers.

Key Features

High-speed, 24-pin printing

- Prints Letter Quality labels, invoices, packing slips, and more up to 413 cps in High-Speed Draft mode

Flatbed APG (Automatic Platen Gap) adjustment technology

- Automatically adjusts to accommodate the thickness of each form

Multipart printing and font versatility

- Easily handles up to 6-part forms and provides a variety of built-in fonts

MTBF rating of 10,000 POH; 400-million strokes/wire print head life

- Delivers Epson's legendary reliability for the most demanding back-office print tasks

Windows® 3.1x, NT 3.51/4.0, 95, 98, 2000, Me, XP, Vista and 7 printer drivers

- Works with most Windows software applications; features EPSON ESC/P®2 and IBM® 2390 Plus emulation

Unbeatable service and support

- Includes two year limited warranty and access to Epson's superior technical support

Printer Specifications

Printer Method
24-pin, serial impact dot matrix

Print Direction
Bi-directional with logic seeking

Print Speed
High Speed Draft	413 cps at 10 cpi
Draft	310 cps at 10 cpi
Letter Quality	103 cps at 10 cpi

Character Sets
13 standard version
39 NLSP version
14 international character sets

Scalable Fonts
EPSON Roman	8 to 32 points (every 2 pt)
EPSON Sans Serif	8 to 32 points (every 2 pt)
EPSON Roman T	8 to 32 points (every 2 pt)
EPSON Sans Serif H	8 to 32 points (every 2 pt)

Resident Bitmapped Fonts
EPSON Draft	10 cpi, 12 cpi, 15 cpi
EPSON Roman	10 cpi, 12 cpi, 15 cpi, Proportional
EPSON Sans Serif	10 cpi, 12 cpi, 15 cpi, Proportional
EPSON Courier	10 cpi, 12 cpi, 15 cpi
EPSON Prestige	10 cpi, 12 cpi
EPSON Script	10 cpi
EPSON OCR-B	10 cpi
EPSON Orator	10 cpi
EPSON Orator-S	10 cpi
EPSON Script C	Proportional

Bar Code Fonts
EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, Postnet

Column Width
10 cpi	106
12 cpi	127
15 cpi	159
17 cpi	181
20 cpi	212

Formatting
1/6" (4.23 mm) or programmable in increments of 1/360" (.0706 mm)

Paper Feed Mechanism
Feeding method	Friction feed (front manual, rear cut sheet feeder)
	Push tractor feed (rear)
Feeder	Rear push tractor
	Cut sheet feeder bin1/bin2 (option)
	Roll paper holder (option)

Paper Feed Speed
64 millisecond per 1/6"
5" per second continuous feed

Paper Path
Manual insertion	Front in, front out
Cut sheet feeder	Rear in, front out
Tractor	Rear in, front out

Input Buffer
64K

Software Drivers
Windows® 3.1x, NT 3.51/4.0, 95, 98, 2000, Me, XP, Vista and 7

Interface
Bidirectional Parallel (IEEE -1284 Nibble Mode supported)
Type-B slot for optional interface cards

Printer Language
ESC/P 2
IBM 2390 Plus emulation

Paper Handling
Cut sheet single sheet (front entry, manual insertion)
Width	3.5" to 12"
Length	2.8" to 16.5"
Thickness	.0025" to .0074"

Cut sheet multipart (front entry, manual insertion)
Width	3.5" to 12"
Length 2.8" to 16.5" (line glue on one side of the form, 11.7" maximum)	
Thickness	.0047" to .018"
Copies	1 original + 5 copies

Envelope
No. 6, No. 10	
Thickness	.0063" to .0205"

Continuous paper
Width	4" to 12"
Length (one page)	3" to 22"
Thickness	.0025" to .018"
Copies	1 original + 5 copies

Continuous forms with labels
Base sheet width	4" to 12"
Base sheet length	3" to 22"
Total thickness	.0075"

Roll paper
Width	8.5"
Thickness	.0028" to .0035"

Sound Level
55 dBA (ISO 7779 pattern)

Power Requirements
Rated voltage	120V AC
Input voltage range	99 to 132V
Rated frequency range	50 to 60 Hz
Input frequency range	49.5 to 60.5 Hz

Power Consumption
Approx. 38W (ISO/IEC10561 Letter pattern)
Approx. 3.4W (in sleep mode)
0W in power off mode
Energy Star Compliant

Physical Dimensions
Height	9.0" (229.5 mm)
Width	19.6" (497 mm)
Depth	15.2" (386.5 mm)
Weight	20.7 lb (9.4 kg)

Control Panel Functions
Font, pause, tear off, LF/FF, load/eject, micro adjust, self test,
data dump and the default settings

Reliability
MTBF	10,000 POH (25% duty cycle)
Print head life	400 million strokes/wire
Black fabric cartridge	2 million characters (LQ mode, 10 cpi, 48 dots/character)

Warranty
Two-year limited warranty in the U.S. and Canada

Support—The Epson Connection℠
Pre-Sales Support (US and Canada)	(800) 463-7766
Internet Website	www.epson.com

* Advanced print head design provides unmatched burst speed, allowing the Epson LQ-680Pro to maximize performance by consistently performing at or near top speeds. Standardized ISO 10561 throughput tests illustrate how Epson's superior technology results in faster printing and greater print volume over time. Test conducted by Seiko Epson Corporation.

Better Products for a Better Future™
eco.epson.com

Ordering Information

Epson LQ-680Pro

Product Code	Description
C376101	Epson LQ-680Pro Impact Printer
7762L	Ribbon Cartridge
C806871	High Capacity Cut Sheet Feeder
C12C811141	Roll Paper Holder

Epson LQ-680Pro

Product Code	Description
C12C824431	Serial Interface Board
C12C824352	EpsonNet Multiprotocol 10/100 Base-TX Type-B Ethernet Print Server

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Trade-in and Disposal services
- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
  - Data destruction
  - Hardware disposal
  - Auditing services

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