

24-PIN DOT MATRIX PRINTER

# EPSON DotMatrix LQ-680



Ultra-Reliable Flatbed Printer  
with EPSON Quality and Style

- Up to 400 Characters per second
- 64KB Buffer Memory
- 1 + 5 Multi-Part Form Printing
- EPSON Status Monitor 3 Software

Visit our website for more information  
[www.epson.com.au](http://www.epson.com.au) or [www.epson.co.nz](http://www.epson.co.nz)

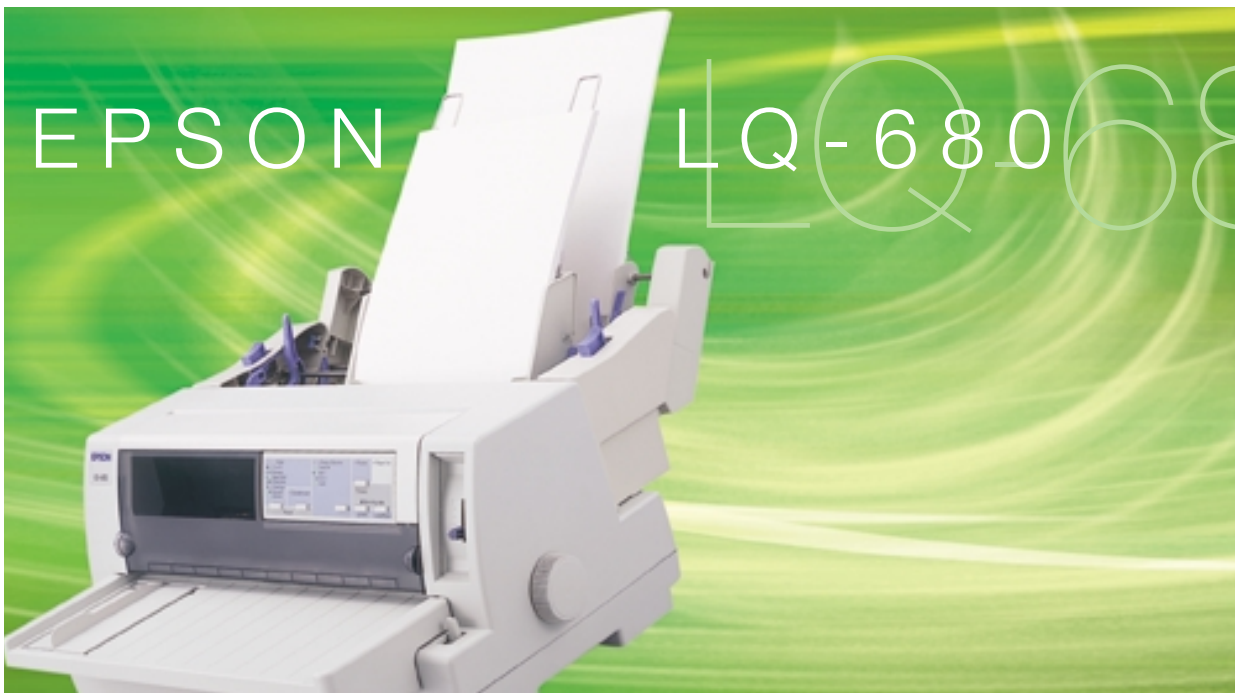
**EPSON®**

EPSON BUSINESS RANGE

EPSON

LQ-680

EPSON



They say that **experience** is the best teacher.  
Our **second-generation** flatbed printer proves it.

speed

class leading speed for  
faster throughput and  
higher productivity!

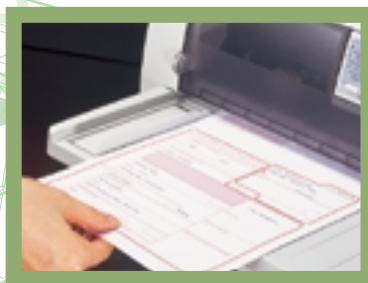
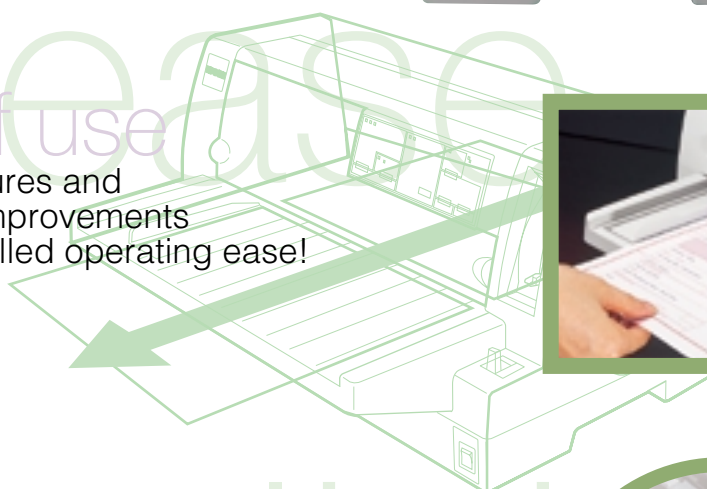
speed

speed



ease of use

new features and  
design improvements  
for unrivalled operating ease!



ease of use

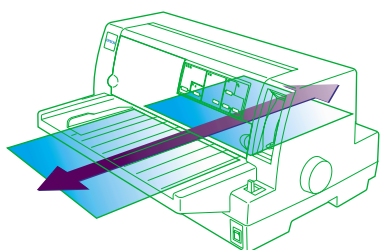
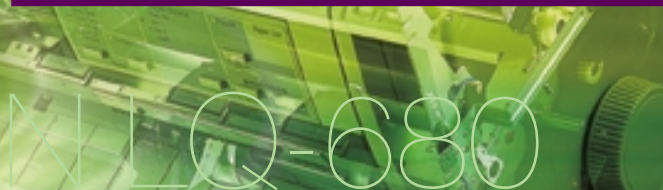
reliability

a new Eco-Drive print  
head mechanism  
for enhanced reliability!

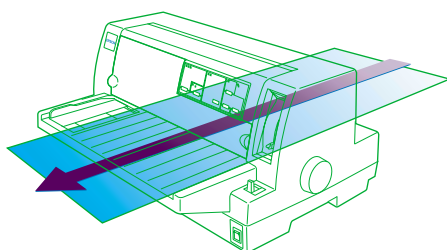


reliability

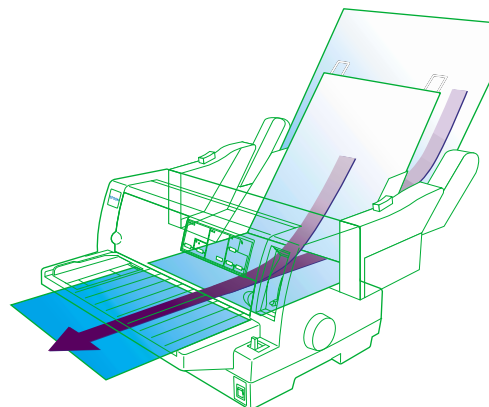
# *With maturity, we've become*



Front Loading  
(Front-In, Front-Out) for cut-sheet  
paper and single-sheet, multi-part forms



Rear Loading  
for roll paper and  
continuous-feed forms



Top Loading  
for cut-sheet paper and single-sheet,  
multi-part forms\*

## *Best-of-Class Speed for High-Productivity*

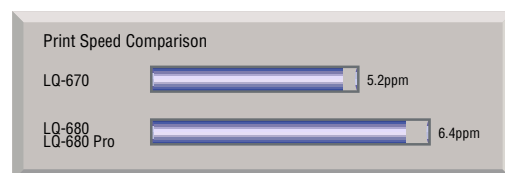
This machine offers a performance advantage that busy offices are sure to appreciate: speed. And it offers it in abundance, with class-leading throughput and an amazing top speed of 413 cps (at 10 cpi in High-Speed Draft mode). What's more, our new 24-pin Eco-Drive print head mechanism achieves this high level of productivity without running up your electric bill. And when a print job is finished, a new auto power-saving function puts the printer in standby mode for even greater savings.

## *Unrivalled Ease-of-Use Built into Every Feature*

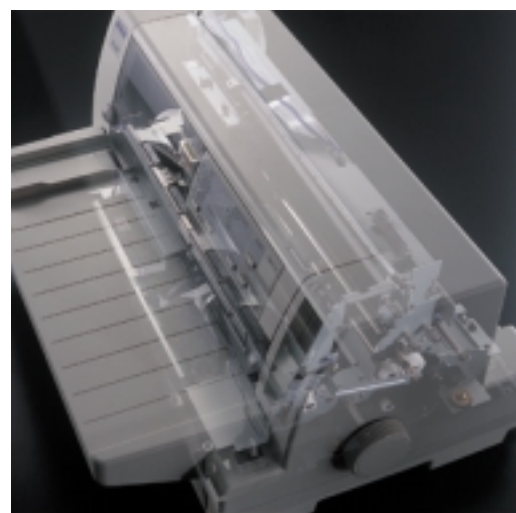
A compact new flat-top housing makes this printer ideal for countertop and desktop use. The front sheet guide has also been redesigned it now features a lower profile, a full-flat bottom and an L-shaped edge guide for smooth, easy front loading. In addition, improved front-in, front-out paper handling ensures that front-loaded cut-sheet paper and single-sheet, multi-part forms emerge right-side-up for instant legibility. For the enhanced convenience and productivity of pre-loading, simply add an optional cut-sheet feeder.

## *Reliability and Versatility That Are Second to None*

Trouble-free flatbed design and rugged, high-quality EPSON construction ensure the rock-solid reliability for which we're famous. Print head life and total print volume have been extended even beyond the level offered by the widely acclaimed EPSON LQ-670, and you can now get crisp, clear output on multi-part forms up to six layers thick. Versatility is also excellent, with three-way paper handling that lets paper be loaded from the front, rear or top.



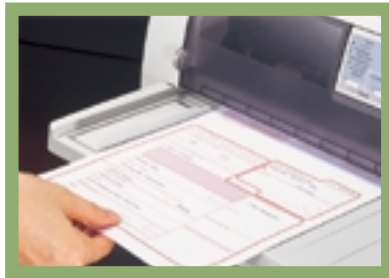
A 20% increase in speed assures  
ultra-high productivity



Heavy-gauge die-cast metal components  
ensure long service life



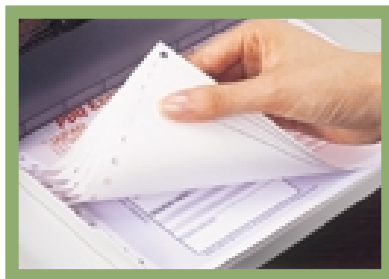
*...e stronger, faster and more flexible.*



Right-side up, front-in, front-out  
printing convenience



Optional cut-sheet feeder for  
high-volume printing



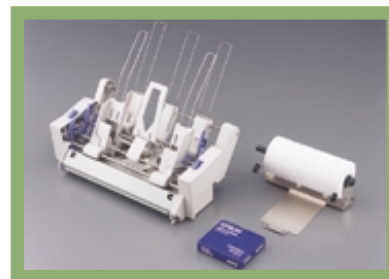
Crisp, clear output on multi-part  
forms up to six pages thick



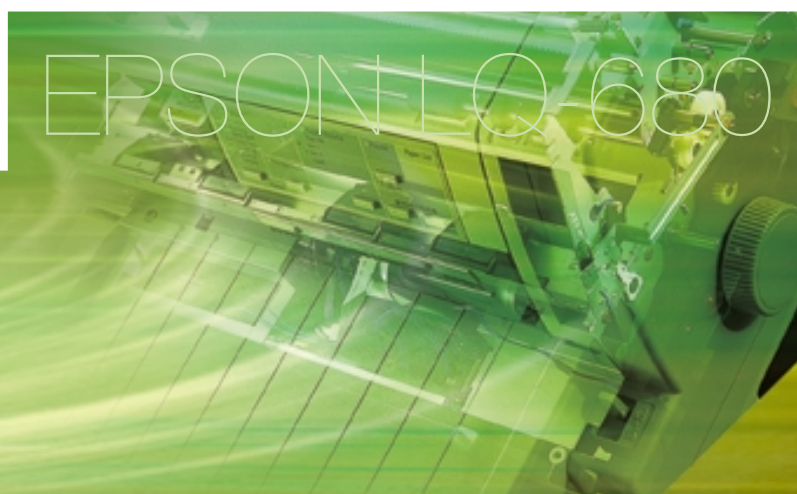
Energy-saving Eco-Drive print  
head mechanism



New L-shaped front sheet guide



Optional equipment and consumables

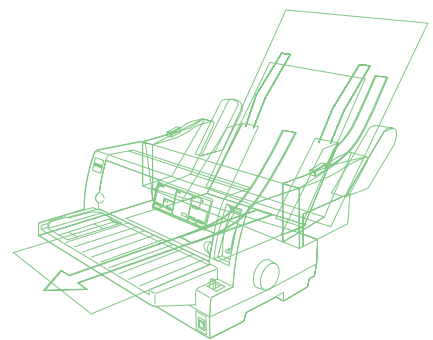


*EPSON. A proven Leader in Speed and Reliability*

Introducing the

## EPSON LQ-680

A hard-working new flatbed printer that offers enhanced speed, reliability and operating ease. Designed and built with your needs in mind, it's got all the user-friendly features you've been waiting for. For high performance countertop/desktop printing and year round dependability, this flatbed printer is the way to go!





# 24-PIN DOT MATRIX PRINTER

# EPSON LQ-680

## Specifications

### PRINTER TYPE

PRINTING METHOD	Impact dot matrix
NUMBER OF PINS IN HEAD	24 pins
PRINT DIRECTION	Bi-directional with logic seeking

### PRINT SPEED

HIGH SPEED DRAFT 10 CPI	413 cps
DRAFT 15 CPI	465 cps
DRAFT 12 CPI	372 cps
DRAFT 10 CPI	310 cps
DRAFT 20 CPI CONDENSED	310 cps
DRAFT 17 CPI CONDENSED	264 cps
LQ 15 CPI	155 cps
LQ 12 CPI	124 cps
LQ 10 CPI	103 cps
LQ 20 CPI CONDENSED	206 cps
LQ 17 CPI CONDENSED	175 cps

### PRINT CHARACTERISTICS

CHARACTER SETS	1 legal character set 14 international character sets 13 character code tables (Standard) Italic, PC437, PC850, PC860, PC861, PC863, PC865, Abicomp, BRASCII, Roman 8, ISO Latin 1, PC858, ISO 8859-15
BITMAP FONTS	EPSON Draft 10, 12, 15 cpi EPSON Roman 10, 12, 15 cpi, Proportional EPSON Sans Serif 10, 12, 15 cpi, Proportional EPSON Courier 10, 12, 15 cpi EPSON Prestige 10, 12 cpi EPSON Script 10 cpi EPSON Script C Proportional EPSON OCR-B 10 cpi EPSON Orator 10 cpi EPSON Orator-S 10 cpi EPSON Roman 8 to 32 pt EPSON Sans Serif 8 to 32 pt EPSON Roman T 8 to 32 pt EPSON Sans Serif H 8 to 32 pt
SCALABLE FONTS	EPSON Sans Serif H 8 to 32 pt EAN-13, EAN-8, Interleaved 2 of 5, UPC-A UPC-E, Code 39, Code 128, PostNet
BAR CODE FONT	

### PRINTABLE COLUMNS

PITCH (CPI)	Characters per line	Character
10 CPI	106	10
12 CPI	127	12
15 CPI	159	15
17 CPI CONDENSED	181	17.1
20 CPI CONDENSED	212	20

### PAPER HANDLING

PAPER PATH	Manual Insertion Tractor Cut Sheet Feeder	Front in, Front out Rear in, Front out Rear in, Front out
CUT SHEET SIZE	Width Length	90~304.8mm (3.5~12.0")* 70~420mm (2.8~16.5")
ENVELOPES		No.6, No.10
CONTINUOUS PAPER SIZE	Width Length	101.6~304.8mm (4.0~12.0") 101.6~558.8mm (4.0~22.0") Can also print labels
PAPER THICKNESS		
CUT SHEET	Single sheet Multi-part forms	0.065~0.19mm (0.0025~0.0074")* 0.12~0.46mm (0.0047~0.018") 0.16~0.52mm (0.0063~0.0205")
ENVELOPES		
CONTINUOUS PAPER	Single sheet/ Multi-part forms	0.065~0.46mm (0.0025~0.018")
CONTINUOUS FORMS WITH LABELS	Base Sheet Total Sheet	0.07~0.09mm (0.0028~0.0035") 0.16~0.19mm (0.0063~0.0075")
PAPER FEEDING STANDARD	Friction:	Manual insertion (Front in, Front out) Push Tractor: Rear in, Front out
OPTIONAL FEEDER	Friction:	Cut Sheet Feeder (Rear in, Front out)
COPIES		Original + 5 copies
LINE SPACING		1/6 inch or programmable by 1/360 inch
PAPER THICKNESS SETTING		Manual
PAPER PATH SETTING		Manual
INPUT DATA BUFFER		64 K Byte

### INTERFACES

STANDARD	Centronics®-type 8-bit parallel interface (IEEE-1284 Nibble mode)
OPTION	Expansion slot (Optional Type B interfaces)

### RIBBON CARTRIDGE

COLOUR	Black
TYPE	Fabric ribbon cartridge
RIBBON LIFE	Approx. 2 million characters (LQ 10cpi, 48 dots/character)

### ACOUSTIC NOISE

Approx. 55dB (A) (ISO 7779 pattern)

### RELIABILITY

MVBF (Mean Print Volume Between Failure)	20 million lines (Except print head)
MTBF (Mean Time Between Failure)	10000 POH (25% duty cycle)
PRINT HEAD LIFE	400 million strokes/wire

### CONTROL PANEL

6 switches, 8 LEDs

### ENVIRONMENTAL CONDITIONS (OPERATING)

TEMPERATURE	5~35°C
HUMIDITY	10~80% RH

### ELECTRICAL SPECIFICATIONS

RATED VOLTAGE	AC 120V or AC 220~240V
RATED FREQUENCY	50~60Hz
POWER CONSUMPTION	Approx. 42W (ISO/IEC 10561 letter pattern) Energy Star compliant

### DIMENSIONS

WIDTH x DEPTH x HEIGHT	497 x 387 x 230mm
WEIGHT	Approx. 9.0 kg

### PRINTER DRIVER/UTILITIES

OS	Microsoft® Windows® operating system Version 3.1 Microsoft® Windows® 95/98/2000 and Microsoft® Windows NT® operating system Version 3.50/3.51/4.0
UTILITIES	EPSON Remote! (MS-DOS environment only) EPSON Status Monitor 3 (Microsoft® Windows® 95/98/2000 and Microsoft® Windows NT® operating system Version 4.0 environment only)

### OPTIONS

RIBBON CARTRIDGE	S015016
HIGH CAPACITY CUT SHEET FEEDER	C806872
SECOND-BIN CUT SHEET FEEDER†	C806792
ROLL PAPER HOLDER	#8310
TYPE B SERIAL INTERFACE CARD	C823061
TYPE B 32KB INTELLIGENT SERIAL INTERFACE CARD	C823081
TYPE B IEEE-1284 PARALLEL INTERFACE CARD	C823453
TYPE B 32KB IEEE-488 INTERFACE CARD	C823132
TYPE B INTERFACE CARD FOR LocalTalk™	C823122
TYPE B COAX INTERFACE CARD	C823142
TYPE B TWINAX INTERFACE CARD	C823152
EpsonNet 10 Base 2/T Int. Print Server	C823623
EpsonNet 10/100 Base TX Int. Print Server‡	C823633
EpsonNet 10/100 Base TX Int. Print Server	C823844

\* Manual insertion

† Second-Bin Cut Sheet Feeder cannot be used without High Capacity Cut Sheet Feeder.

‡ Regional AC Adapter Set (C82525) is required.



As an international ENERGY STAR Partner, EPSON has determined that this product meets the international ENERGY STAR Program for energy efficiency. "EPSON ESC/P2 stands for EPSON standard code for printers Level 2. This second generation printer control language supports scalable fonts as well as enhanced graphics capability. It also provides complete backwards compatibility with EPSON's ESC/P, the standard printer language for dot matrix printing."

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