

EPSON®

LQ-590 / LQ-2090

24-PIN
DOT MATRIX
PRINTER



Efficient, Letter Quality, Dot Matrix Printing

- Letter Quality, 24-Pin Head
- Rapid print speeds up to 658 cps
- Up to 5-part forms printing capability (original + 4 copies)
- Flexible paper handing — load from rear, bottom or front
- User friendly control panel and setting selection
- Available in both 80 column and 136 column models



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24-PIN
DOT MATRIX
PRINTER

EPSON LQ-590 / LQ-2090

Specifications



EPSON AUSTRALIA
CUSTOMER SERVICE LINE
Tel: 1300 361 054

VISIT OUR WEBSITE:
www.epson.com.au

**HEAD OFFICE
SYDNEY**
3 Talavera Road
North Ryde, NSW 2113
Tel: (02) 8899 3666

MELBOURNE
Tel: (03) 8823 9200

BRISBANE
Tel: (07) 3360 0219

PERTH
Tel: (08) 9480 0418

ADELAIDE
Tel: (08) 8237 0518

EPSON NEW ZEALAND
CUSTOMER SERVICE LINE
Tel: 0800 23 77 66

VISIT OUR WEBSITE:
www.epson.co.nz

AUCKLAND
245 Hobson Street
Auckland NZ
Tel: (09) 366 6855

WELLINGTON
Tel: (04) 473 3494

ABN 91 002 625 783
08/04

PRINTING METHOD	Impact Dot Matrix
NUMBER OF PINS IN HEAD	24 pins
PRINT DIRECTION	Bi-directional with logic seeking
PRINT SPEED	
High speed draft 10cpi	440 cps
High speed draft 12cpi	529 cps
Draft 10 cpi	330 cps
Draft 12 cpi	396 cps
Draft 15 cpi	495 cps
Draft 17 cpi condensed	559 cps
Draft 20 cpi condensed	658 cps
LQ 10 cpi	110 cps
LQ 12 cpi	132 cps
LQ 15 cpi	165 cps
LQ 17 cpi condensed	187 cps
LQ 20 cpi condensed	220 cps

PRINT CHARACTERISTICS	
CHARACTER SETS	14 International character sets 13 character code tables Italic, PC437, PC850, PC860, PC861, PC863, PC865, Abicomp, BRASC II, Roman 8, ISO Latin 1, PC858, ISO8859-15

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 OCR-B	10 cpi
EPSON Orator	10 cpi
EPSON Orator-S	10 cpi
EPSON Script C	Proportional

SCALABLE FONTS	
EPSON Roman	10.5pt., 8pt. - 32pt. (every 2pt.)
EPSON Sans Serif	10.5pt., 8pt. - 32pt. (every 2pt.)
EPSON Roman T	10.5pt., 8pt. - 32pt. (every 2pt.)
EPSON Sans Serif H	10.5pt., 8pt. - 32pt. (every 2pt.)
BARCODE FONTS	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, PostNet

PRINTABLE COLUMNS	
PITCH (cpi)	Characters per line
	LQ-590 LQ-2090
10 cpi	80 136
12 cpi	96 163
15 cpi	120 204
17 cpi condensed	137 233
20 cpi condensed	160 272

PAPER HANDLING	
PAPER PATH	
Manual Insertion	(front or rear in, top out)
Push Tractor	(front or rear in, top out)
Pull Tractor	(front or rear or bottom in, top out)
Cut Sheet Feeder	(rear in, top out)

CUT SHEET SIZE	
LQ-590	Width: 100 - 257mm (3.9 - 10.1") Length: 100 - 364mm (3.9 - 14.3")
LQ-2090	Width: 100 - 420mm (3.9 - 16.5") Length: 100 - 420mm (3.9 - 16.5")
ENVELOPES	No.6, No.10

CONTINUOUS PAPER SIZE	
LQ-590	Width: 101.6 - 254mm (4 - 10") Length: 101.6 - 558.8mm (4 - 22")
LQ-2090	Width: 101.6 - 406.4mm (4 - 16") Length: 101.6 - 558.8mm (4 - 22")

PAPER THICKNESS	
CUT SHEET	Single sheet 0.065 - 0.14mm (0.0025 - 0.0055")
MULTI-PART FORMS	0.12 - 0.46mm (0.0047 - 0.015")
ENVELOPES	0.16 - 0.52mm (0.0063 - 0.0205")
CONTINUOUS PAPER	Single sheet/multi part forms 0.065 - 0.39mm (0.0025 - 0.018")
LABEL BASE SHEET	0.07 - 0.09mm (0.0028 - 0.0035")
TOTAL SHEET	0.16 - 0.19mm (0.0063 - 0.0075")

PAPER FEEDING	
STANDARD FRICTION	(rear in, top out)
PUSH TRACTOR	(rear in, top out) (front in, top out)
PULL TRACTOR	(rear in, top out) (front in, top out) (bottom in, top out)
OPTIONAL FEEDER	
CUT SHEET FEEDER	(rear in, top out)
PUSH-PULL TRACTOR	(rear in, top out) (front in, top out)

COPIES	1 Original + 4 copies always
ACOUSTIC NOISE	52db(A) (ISO7779 pattern)
LINE SPACING	4.23mm (1/6")
INPUT DATA BUFFER	128 KByte

INTERFACES	
STANDARD	Bi-directional parallel interface (IEEE-1284 nibble mode supported), USB (ver 1.1) I/F Type B I/F level 2
OPTION	

RIBBON CARTRIDGE	
COLOUR	Black
TYPE	Fabric ribbon cartridge
RIBBON LIFE	
LQ-590	Approx. 5 million characters
LQ-2090	Approx. 8 million characters

RELIABILITY	
MEAN PRINT VOLUME BETWEEN FAILURE (MVBF)	40 million lines (except print head)
PRINT HEAD LIFE	400 million strokes / wire
CONTROL PANEL	6 switches, 10 LEDs

ENVIRONMENTAL CONDITIONS (OPERATING)	
TEMPERATURE	5 - 35°C
HUMIDITY	10 - 80% RH

ELECTRICAL SPECIFICATIONS	
RATED VOLTAGE	AC 220 - 240V
RATED FREQUENCY	50 - 60Hz
POWER CONSUMPTION	Approx. 42W (ISO / IEC 10561 Letter Pattern) (AC 220 - 240V)

ENERGY STAR COMPLIANT	
DIMENSIONS	LQ-590 LQ-2090
WIDTH x DEPTH x HEIGHT	414 x 350 x 167.5mm 589 x 350 x 167.5mm
WEIGHT	Approx. 7.1Kg Approx. 9.5Kg

PRINTER DRIVER / UTILITY	
OS	Microsoft® Windows 95 / 98 / 2000 / Me / XP Microsoft® Windows NT 4.0
UTILITY	EPSON Status Monitor 3 (Microsoft® Windows 95 / 98 / 2000 / Me / XP and Microsoft® Windows NT 4.0 environment only)

PRODUCT CODE	LQ-590 LQ-2090
	C11C558071 C11C559081

PRODUCT OPTIONS	LQ-590 LQ-2090
RIBBON CARTRIDGE (BLACK)	C13S015337 C13S015336
HIGH CAPACITY CUT SHEET FEEDER	C12C806382 C12C806402
SINGLE BIN CUT SHEET FEEDER	C12C806372 C12C806392
PULL TRACTOR UNIT	C12C800202 C12C800212
ROLL PAPER HOLDER	C12C811141 C12C811141
I/F SERIAL BOARD	C12C823061 C12C823061
I/F SERIAL 32Kb CARD	C12C823081 C12C823081
I/F Ethernet	C12C823914 C12C823914

WARRANTY	
STANDARD	12 months return to base
For warranty terms see www.epson.com.au/warranty	

As an international ENERGY STAR Partner, EPSON has determined that this product meets the international ENERGY STAR Program for energy efficiency.



*EPSON ESC/PS stands for EPSON standard code for printers Level 2. This second generation printer control language supports scalable fonts as well as enhances graphics capability. It also provides complete backwards compatibility with EPSON's ESC/P, the standard printer language for dot matrix printing. EPSON is a registered trademark of SEIKO EPSON Corporation. EPSON ESC/P2 is a trademark of SEIKO EPSON Corporation. Adobe and PostScript are trademarks of Adobe Systems Incorporated or its subsidiaries and may be registered in certain jurisdictions. All other product names and other company names used herein are for identification purposes only and may be the trademarks or registered trademarks of their respective owners. EPSON disclaims any and all rights to those marks. Specifications are subject to change without notice.

