DOT MATRIX PRINTER
Epson LQ 2190

EPSON
EXCEED YOUR VISION

When demanding business
environments demand
**reliable
solutions**

**IMAGING
INNOVATION**

Epson's dot matrix printers are built with extreme durability, delivering high business efficiency with fast print speeds and versatile connectivity options

- **Epson's unrivalled Dot Matrix Printing reliability**
  Long-life reliability at 20,000 POH (Power On Hours)

- **Versatile connectivity to your office network**
  Built-in USB and parallel interface and optional network print server

- **Improve business efficiency with high print speed**
  Fast print speed of up to 480 cps (10cpi, High speed draft mode)

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SPECIFICATIONS

*1 Actual print yield may vary depending on usage purpose and environment.

*2 Without condensation

*3 During printing on reclaimed paper, multi-part paper, envelope, label or roll paper

OPTIONS

EPSONNET 10/100 BASE TX INT. PRINT SERVER	C824352
PULL TRACTOR UNIT	C800322
RIBBON CARTRIDGE	C13S015531
ROLL PAPER HOLDER	C811141
SERIAL I/F CARD NO BUFFER TYPE-B	C824432

Use Epson Genuine Ribbons for better value and lower total cost of ownership. Its guaranteed length and consistent high quality protect and prolong your printer's lifespan, minimising breakdown time and increasing business productivity.

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

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PRODUCT CODE	C11CA92021

PRINTER TYPE

PRINTING METHOD	Impact dot matrix
NUMBER OF PINS IN HEAD	24 pins
PRINT DIRECTION	Bi-directional with logic seeking
CONTROL CODE	ESC/P2 and IBM PPDS emulation

PRINT SPEED

	10 cpi	12 cpi	15 cpi	17 cpi (condensed)	20 cpi (condensed)
HIGH SPEED DRAFT	480 cps	576 cps			
DRAFT	360 cps	432 cps	540 cps	308 cps	360 cps
LETTER QUALITY	120 cps	144 cps	180 cps	205 cps	240 cps

cpi: characters per 25.4 mm (characters per inch)
cps: characters per second

PRINT CHARACTERISTICS

CHARACTER TABLE
14 international character sets and one legal character sets. 1 Italic and 12 graphical character tables: Italic table, PC437 (US Standard Europe), PC850 (Multilingual), PC860 (Portuguese), PC861 (Icelandic), PC863 (Canadian-French), PC865 (Nordic), BRASCII, Abicomp, Roman 8, ISO Latin 1, PC 858, ISO 8859-15

BIT MAP FONT

EPSON DRAFT / EPSON COURIER	10 cpi, 12 cpi, 15 cpi
EPSON ROMAN / EPSON SANS SERIF	10 cpi, 12 cpi, 15 cpi, Proportional
EPSON PRESTIGE	10 cpi, 12 cpi
EPSON SCRIPT / OCR-B / ORATOR / ORATOR-S / EPSON SCRIPT C	10 cpi Proportional

SCALABLE FONT

EPSON ROMAN / SANS SERIF / ROMAN T / SANS SERIF H	10.5 pt., 8 pt. - 32 pt. (every 2 pt.)

BAR CODE
EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET, Coda bar (NW-7), Industrial 2 of 5, Matrix 2 of 5

PRINTABLE COLUMNS

PITCH (cpi)	10 cpi	12 cpi	15 cpi	17 cpi	20 cpi
	136 cpl	163 cpl	204 cpl	233 cpl	272 cpl

cpl: character per line

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)

PAPER / MEDIA

	Entry: Front	Entry: Rear
CUT SHEET (SINGLE SHEET)		
WIDTH	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")
LENGTH	148 - 420 mm (5.8 - 16.5")	100 - 420 mm (3.9 - 16.5")
THICKNESS	0.065 - 0.14 mm (0.0025 - 0.0055")	0.065 - 0.14 mm (0.0025 - 0.0055")
CUT SHEET (MULTI-PART)	**Entry: Front**	**Entry: Rear**
WIDTH	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")
LENGTH	148 - 420 mm (5.8 - 16.5")	100 - 420 mm (3.9 - 16.5")
COPIES	1 original + 5 copies	1 original + 5 copies
TOTAL THICKNESS	0.12 - 0.46 mm (0.0047 - 0.018")	0.12 - 0.46 mm (0.0047 - 0.018")

CONTINUOUS PAPER
(SINGLE SHEET AND MULTI-PAPER)
Entry: Front, Rear, Bottom
WIDTH x LENGTH x TOTAL THICKNESS
101.6 - 406.4 mm (4 - 16") x 101.6 - 558.8 mm (4 - 22") x 0.065 - 0.46 mm (0.0025 - 0.018")
COPIES 1 original + 5 copies

ROLL PAPER
Entry: Rear
WIDTH x DIAMETER x THICKNESS
216 mm (8.5") x 127 mm (5") x 0.07 - 0.09 mm (0.0028 - 0.0035")

ENVELOPES
Entry: Rear

Envelopes (No.6)	Envelope (No.10)
165 mm (6.5") x 92 mm (3.6")	241 mm (9.5") x 105 mm (4.1")
0.16 - 0.52 mm (0.0063 - 0.020")	0.16 - 0.52 mm (0.0063 - 0.020")

WIDTH x LENGTH
TOTAL THICKNESS

LABEL
Entry: Bottom
BASE SHEET WIDTH x LENGTH x TOTAL THICKNESS
101.6 - 406.4 mm (4 - 16") x 101.6 - 558.8 mm (4 - 22") x 0.16 - 0.19 mm (0.0063 - 0.0075")

CARD
Entry: Front, Rear
WIDTH x LENGTH x THICKNESS
100 - 200 mm (3.9 - 7.8") x 148 - 200 mm (5.8 - 7.8") x 0.22 mm (0.0087")

LINE SPACING
4.23 mm (1/6 inch) or programmable in increments of 0.0706 mm (1/360")

ACOUSTIC NOISE	54 dB
INPUT DATA BUFFER	128 KB

INTERFACE
Bi-directional parallel interface (IEEE-1284 nibble mode supported), USB 2.0 (Full Speed), Type B I/F level 2 (Option)

RIBBON CARTRIDGE

COLOUR / TYPE	Black / Fabric
RIBBON LIFE	Approx. 8 million characters[1]

RELIABILITY

MEAN PRINT VOLUME BETWEEN FAILURE (MVBF)	40 million lines (except print head)
MTBF	20000 Power On Hours (POH) (25% Duty)
PRINT HEAD LIFE	400 million strokes/wire

CONTROL PANEL	6 switches and 10 LEDs are located on the panel

ENVIRONMENTAL CONDITIONS (OPERATING)

TEMPERATURE	5 to 35°C (operating[2]), 15 to 25°C (operating[2][3])
HUMIDITY	10 to 80% RH (operating[2]), 30 to 60% RH (operating[2][3])

ELECTRICAL SPECIFICATION

RATED VOLTAGE	AC 120 V, AC 220 V to 240 V
RATED FREQUENCY	50 to 60 Hz
POWER CONSUMPTION	Approx. 46 W (ISO/IEC10561 Letter pattern), Approx. 3 W in sleep mode, 0 W in powered off mode, ENERGY STAR COMPLIANT

DIMENSIONS (W X D X H , W)	639 mm x 402 mm x 256 mm, 13.0 kg

PRINTER DRIVER / UTILITY

OS	Microsoft® Windows® 2000 / XP / Vista / 7
UTILITY	EPSON Status Monitor 3 (Microsoft® Windows® 2000 / XP / Vista / 7) EPSON Printer Setting (Microsoft® Windows® 2000 / XP / Vista / 7)

EPSON SERVICE @ CHANGI
C&P Changi Districentre 2
3rd Level 3 Changi South Street
Singapore 486351

EPSON SERVICE @ FUNAN
109 North Bridge Road #03-32
Funan DigitalLife Mall
Sinapore 179097

EPSON SERVICE @ YISHUN
Blk 744 Yishun Street 72 #01-193
Singapore 760744

Dealer's Stamp

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EPSON SERVICE

Sales Enquiries
6586 3111

www.epson.com.sg

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