

LQ-400

24-PIN IMPACT DOT MATRIX PRINTER

EPSON®



Quality Made Affordable



Epson creates the economical high-quality printer

Epson has long been recognized as a world-wide leader in high-quality dot matrix printers with convenient features. Epson's LQ series of 24-pin print head printers has been widely admired because of the fine print quality they produce. The LQ printers are also remarkably fast, superbly reliable and very easy to use.

Now there's a remarkable new LQ printer: the surprisingly affordable LQ-400. The new LQ-400 will prove to be the wise choice for a variety of business and home users. And its compact size means you can position it just about anywhere. The noise level of the LQ-400 has been lowered, too.

The new Epson LQ-400 Dot Matrix Printer—your economical

source of true letter-quality printing.

24 pins make the difference

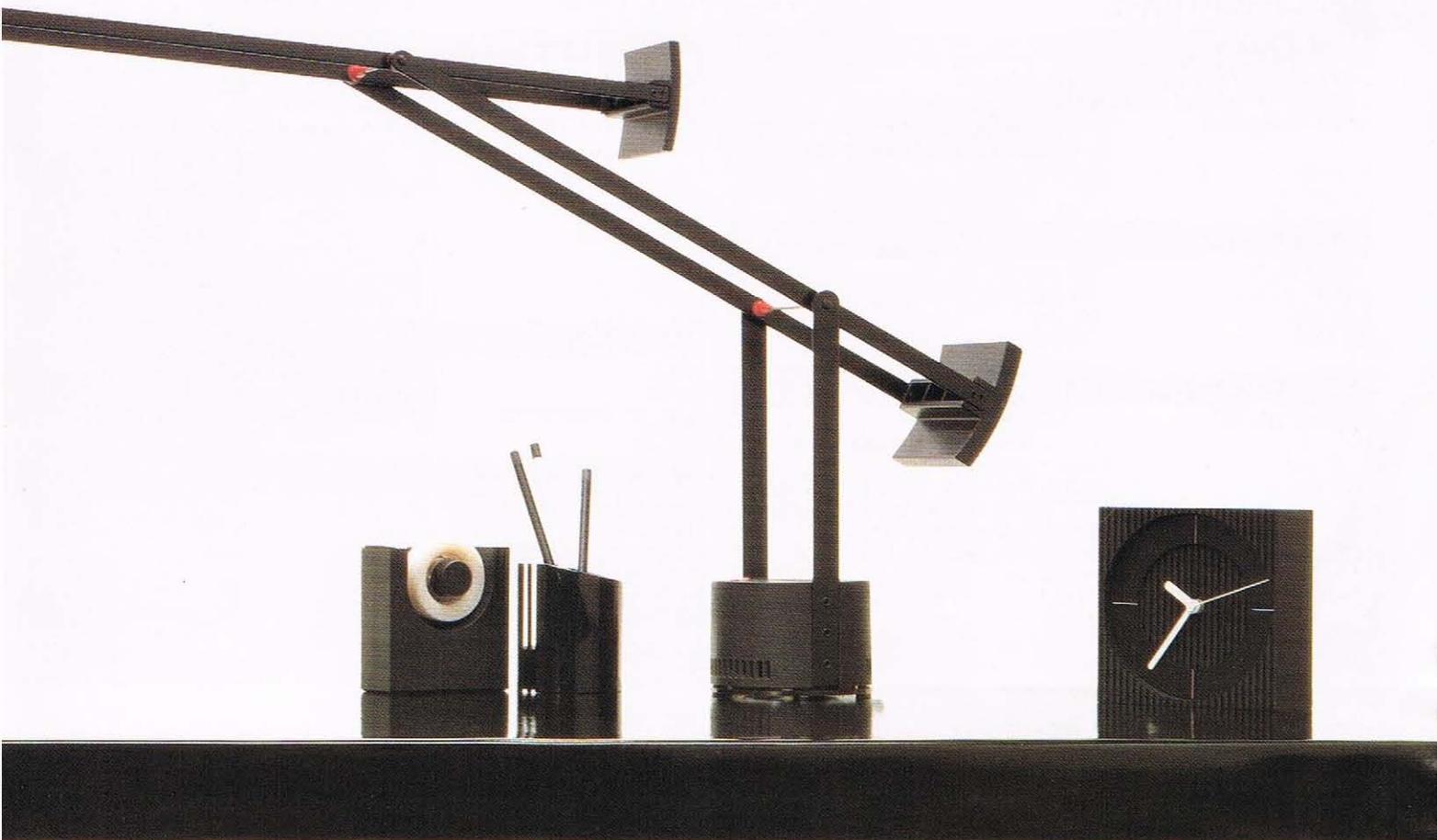
Top-of-the-line dot matrix printers come equipped with a 24-pin print head. And so does the new Epson LQ-400. Because the clearly superior 24-pin print head produces clear, fully-formed characters, resulting in fine letter quality printing. With the new LQ-400, you'll enjoy the crisp, sharp copy that you've come to expect from only more expensive printers.

Impressive printing figures

Printing speed is another LQ-400 advantage. The draft mode is fast: 180 cps in elite. Draft pica prints at 150 cps. In the letter quality mode, elite prints at 60 cps, while LQ pica

Print variety creates impact and interest.
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runs at 50 cps. You can quickly print out a rough draft, polish it up, then print out the final version without wasting a second.

Auto Sheet Loading gets you off to a fast start

You don't have to fumble with trying to get paper positioned correctly. Just slip in a single sheet then press the button on the front panel. The sheet is automatically brought up and properly positioned, ready for printing.



Simple operation from Epson's SelectType panel

The easy-to-operate SelectType system makes using the LQ-400 a real pleasure. Front panel operation lets you quickly change between fonts, and a convenient indicator system lets you know at a glance which font you are using.

Optional font cartridges

The LQ-400 is compatible with other fine printers in the Epson LQ line. Because of this, the LQ-400 can use the optional plug-in font cartridges that are currently available for Epson's LQ printers. A side slot accepts the font cartridges. Among the popular fonts you can choose from are Courier, Prestige, Script and OCR-B. With a selection of separate optional font styles, you can add a note of individuality to your printed materials.



An exciting selection of print enhancements

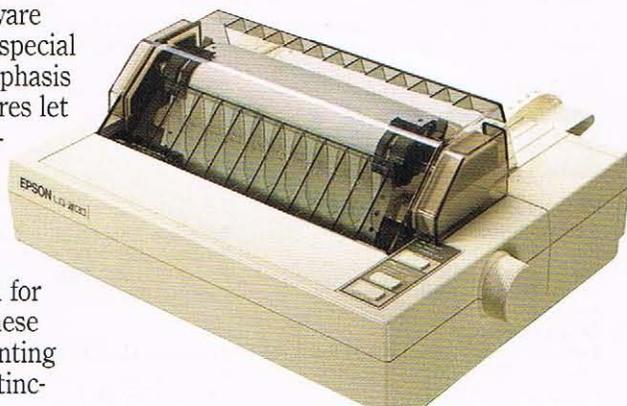
A wide range of ESC/P software commands allows you to create special printing effects or add extra emphasis to your documents. These features let you print double-height, double-width or italic characters, as well as print super- and subscripts, and exciting enhancements. You can also use the newly added software command for outline and shadow printing. These enhancements increase your printing flexibility, and let you give a distinc-

tive look to headlines and display texts.

Tractor unit supplied as standard

The LQ-400 also has a pull tractor unit that ensures accurate feeding of continuous paper. The tractor unit attaches easily to the top of the printer and draws the paper forward, providing correct alignment even during the longest printing jobs. This pull tractor also allows you to print on special types of paper, such as continuous multi-part forms and labels.

An optional cut-sheet feeder is also available. This useful addition automatically feeds single sheets, making it easier to print out lots of individual sheets.



LQ-400

24-PIN IMPACT DOT MATRIX PRINTER

SPECIFICATIONS

PRINTER TYPE	
PRINTING METHOD	Impact dot matrix
NUMBER OF PINS IN HEAD	24 (diameter 0.2 mm)
PRINT DIRECTION	Bidirectional with logic seeking in text mode Unidirectional printing in the graphic
PRINT SPEED	
DRAFT ELITE	180 cps
DRAFT PICA	150 cps
LQ ELITE	60 cps
LQ PICA	50 cps
PRINT CHARACTERISTICS	
CHARACTER SET	96 ASCII characters 13 international character sets Graphic characters
FONTS	EPSON Roman 10, 12, 15, Proportional EPSON Sans serif 10, 12, 15, Proportional EPSON New draft font 10, 12, 15
OPTIONAL	Courier, Prestige, Script, OCR-B font module, etc.
CHARACTER STRUCTURE	9 × 23 matrix (Draft) 29 × 23 matrix (LQ)
PRINT SIZES	
	Character size Character per line Character per inch
PICA	1.9 × 3.2 80 10
CONDENSED PICA	— x — 137 17.1
ELITE	1.9 × 3.2 96 12
CONDENSED ELITE	— x — 160 20
TABULATIONS	
HORIZONTAL	32 Positions max.
VERTICAL	16 Positions max. × 8 channels
PAPER HANDLING	
CUT SHEET PAPER SIZE	182 mm (7.2")—257 mm (10.1")
CONTINUOUS PAPER	101 mm (4.0")—254 mm (10.0")
PAPER FEED METHOD	Friction feed Tractor feed
COPIES	Original+2 copies
PAPER THICKNESS	0.065 mm to 0.1 mm
PAPER PATH	Rear or top entry
LINE SPACING	1/6" or programmable (Min. 1/180")
OPTION	Single bin cut sheet feeder
INTERFACE	
STANDARD	Centronics type 8 bit parallel
OPTIONAL	New serial (#8143) Intelligent serial (#8148) IEEE-488 (#8161), etc.
INPUT BUFFER	8K bytes or 1K bytes selected by DIP switch

RIBBON CARTRIDGE	
COLOR	Black
TYPE	Cartridge type (#7753)
LIFE OF INK RIBBON	2 million characters (48 dots/character)
RELIABILITY	
MCBF	3 million lines (excluding print head)
MTBF	4000 POH
LIFE OF PRINT HEAD	200 million strokes/wire
BUILT-IN FUNCTIONS	
Panel setting Hex dump Automatic sheet loading Self test printing: Draft/LQ Input data buffering Buffer-full printing	
MODE SELECT SWITCH	
SELECTYPE	Font: Draft/Roman/Sans serif or optional fonts
ENVIRONMENTAL CONDITIONS	
TEMPERATURE (OPERATING)	5 to 35°C
HUMIDITY (OPERATING)	10%—80% (no condensation)
POWER REQUIREMENTS	
VOLTAGE	120 V AC or 220/240 V AC
FREQUENCY	49.5 Hz—60.5 Hz
POWER CONSUMPTION	2A max. (120 V) 1A max. (220/240 V)
DIMENSIONS	
HEIGHT	139 mm (5.4")
WIDTH	390 mm (15.2")
DEPTH	320 mm (12.5")
WEIGHT	Approx. 7 kg (15 lbs)

EPSON ESC/P stands for Epson Standard Code for Printers. At present, there is no official standard system for the control process governing printers. In order to rectify this situation, Seiko Epson has devised EPSON ESC/P, an operating

standard that will lead toward software uniformity, particularly among the newer printers which feature a wide variety of functions. The New LQ-500 is built to the EPSON ESC/P software standard for the LQ-Series and SQ-Series printers.

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EPSON

EPSON AUSTRALIA PTY LTD

HEAD OFFICE
Unit 1, 17 Rodborough Rd
Frenchs Forest NSW 2086
Phone: (02) 452 0666
Fax: (02) 451 0251

SALES OFFICES:

Sydney: Tower 1, Level 1, 407 Pacific Hwy
Artarmon, NSW 2064
Phone: (02) 436 0333
Fax: (02) 436 0416

Brisbane: MIM Plaza, 410 Ann St
Brisbane QLD 4000
Phone: (07) 832 5400
Fax: (07) 832 5757

Adelaide: Level 8, Riverside
North Terrace
Adelaide SA 5000
Phone: (08) 231 5602

Melbourne: Level 3, 541 Blackburn Rd
Mount Waverley VIC 3149
Phone: (03) 543 6455
Fax: (03) 543 1797

Perth: Level 5, 256 Adelaide Tce
Perth WA 6000
Phone: (09) 325 1744
Fax: (09) 325 6164

Canberra: Level 11, Advance Bank Centre
60 Marcus Clarke St
Canberra ACT 2601
Phone: (062) 435 146
Fax: (062) 435 143

Auckland: Epon House,
241-245 Hobson St
Auckland New Zealand
Phone: (09) 366 6855