ML5790eco/ML5791eco Specifications

OKI
PRINTING SOLUTIONS

24-pin dot matrix printer perfect for front desk printing

For fast, reliable, superior quality printing in retail and service industries and all types of invoice and order printing applications

The ML5790eco and wide carriage ML5791eco are ideal where fast printing, reliability, versatile paper handling and superior quality text is essential. Whether you are printing invoices, purchase orders, spreadsheets, picking lists, call log slips, tickets, receipts or multi-part documents, the ML5790eco/ML5791eco keeps your transactions smooth and your customers happy. The small footprint of the ML5790 is ideal for businesses where space is limited, for example, at the front desk of banks, travel agents, stations or surgeries.

Flexible, Eco-friendly and cost effective

The ML5790eco/5791eco have been developed with eco-friendly technology. With power consumption of just 1.5w in sleep mode, your running costs and energy consumption are kept to a minimum, as well as reducing your carbon footprint.

More paper paths give you flexibility. The three tractor feeding paths handle multi-part forms and continuous paper from either the front, rear or bottom. The two friction feeding paths handle cut-sheets, cards and envelopes from either the front or top.

A selection of pull and push tractors allow permanent stationary loading, for use on demand and handle multi-part and continuous forms more efficiently. The optional Roll Paper Stand

(ML5790eco only) is a cost effective option for applications with variable paper lengths.

OKI's commitment to our customers

The OKI brand is one of proven reliability and value. We provide printers that increase our customers' long-term business performance without impacting their budget.

With almost half a century of experience in the impact printer industry, with OKI you are guaranteed a best-in-class, low cost, reliable and easy to use printer.

Key Benefits:

Faster transactions
- Flies through up to 7-part forms and reports at print speeds of up to 576 characters per second for speedier transactions

Superior print quality
- 24-pins deliver sharper, detailed text
- Scalable fonts for superior print quality
- Letter quality output for customer receipts

Tough and reliable
- Operates in the most challenging environments
- Mean Time Between Failure (MTBF) figure of 25,000 hours

Easy to install and use
- On-board Epson and IBM compatibility for trouble free plug and print
- Simple 'Clean hands' ribbon changing ensures no delay, mess or hassle when fitting a new ribbon

Save money
- Long life ribbon (8 million characters ML5790eco, 13 million characters ML5791eco)
- Low energy consumption in Sleep mode
- Low cost per page

Flexible paper handling
- Four paper paths can handle forms, cut-sheet and continuous sheets

Environmentally friendly
- Eco-friendly technology, sleep mode consumes just 1.5W
- Manufactured at a carbonzero rated facility

Variants available:
ML5790eco
Narrow carriage
ML5791eco
Wide carriage

ML5790eco/ML5791eco - Dot Matrix Printers

Printer

Number of pins	24
Columns	ML5790eco: 80(10cpi); 160 (maximum in compression mode)
	ML5791eco: 136(10cpi); 272 (maximum in compression mode)
Character pitch	5/6/7.5/8.5/10/12/15/17.1/20 pitch and proportional
Print speed	High Speed Draft: 576cps (12cpi); High Speed Draft: 480cps (10cpi); Draft: 540cps (15cpi); Draft: 432cps (12cpi); Draft: 360cps (10/20cpi); Draft: 309cps (17.1cpi); Letter Quality: 240cps (20cpi); Letter Quality: 206cps (17.1cpi); Letter Quality: 180cps (15cpi); Letter Quality: 144cps (12cpi); Letter Quality: 120cps (10cpi)

Interface and Software

Interfaces	IEEE 1824 parallel interface, USB 2.0 (full speed)
Optional interfaces	Ethernet 10/100, Serial RS232C
Emulations	Epson LQ ESC/P2, IBM PPR, IBM AGM
Typeface & font	HSD, Draft, Courier (scalable), Roman (scalable), Swiss (scalable), Swiss Bold, Orator, Gothic, Prestige, OCR-A, OCR-B
Typestyle	Emphasised, Enhanced, Double Width, Double Height, Italics, Outline, Shadow, Superscript, Subscript, Underline
Barcode fonts	UPC-A, UPC-E, EAN8, EAN13, Code39, Interleaved 2of5, Code128(A/B/C), CODABAR (NW-7), POSTNET, Industrial 2of5, Matrix 2of5
Printer driver [1]	Windows 2000 / XP (32-bit & 64-bit) / Vista (32-bit & 64-bit) / 7 (32-bit & 64-bit) / Server 2003 (32-bit & 64-bit) / Server 2008 (32-bit & 64-bit) / Server 2008 R2 (64-bit)
Utilities	Status monitor, Button setup utility, Menu setup utility, TOF setup utility, Network setup utility, LPR utility

Paper Handling

Paper	Cut Sheet (single sheet), Continuous Paper (single-part, multi-part), Roll paper (ML5790eco only), Envelope, Card, Label (cut sheet and fan fold)
Continuous paper (width)	ML5790eco: 76.2 - 254.0mm; ML5791eco: 76.2 - 406.4mm
Continuous paper (length)	76.2 - 558.8mm
First printable line (from top of page)	Continuous: 2.12mm; Cut sheet: 0.5mm
Copy capability	Up to 1 original + 5 copies
Multi-part paper thickness	Front/rear push feed: 0.36mm; Front/rear pull feed & front/rear push-pull feed: 0.44mm; Bottom pull feed: 0.48mm
Paper feeding	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
Optional paper feeding	Single Bin Cut Sheet Feeder, Push Tractor (front/rear feeds), Pull Tractor (bottom feed), Roll Paper Stand (ML5790eco only)

General Features

Input buffer	128Kbytes
Power supply	Single phase 220 to 240VAC, +/- 10%
Power consumption	ISO/IEC 10561 Letter, Roman, Range1: 52W; Sleep mode:1.5W (with no optional attachments)
Noise level	Normal: 57dB(A); Quiet: 52dB(A); Silent mode: 49dB(A)
Dimensions (HxWxD)	ML5790eco: 191 x 438 x 375mm; ML5791eco: 191 x 592 x 375mm
Weight	ML5790eco: 7.5kg approx; ML5791eco: 10kg approx
Print Head life	400 million characters
Reliability	MTBF: 25,000 hours
Warranty	Pan European 1 year on-site
Product order numbers	ML5790eco: 01293101; ML5791eco: 01293201

Accessories (Order Numbers)

Single Bin Cut Sheet Feeder	ML5790eco: 44497402; ML5791eco: 44497502
Push Tractor (front/rear feeds)	ML5790eco: 44454902; ML5791eco: 44455002
Pull Tractor (bottom feed)	ML5720eco: 44753902; ML5721eco: 44754002
Roll Paper Stand	09002332 (ML5790eco)
Serial RS232C	44455102
Ethernet 10/100	44455302

Consumables (Order Numbers)

Ribbon (8 million characters)	44173405 (ML5790eco)
Ribbon (13 million characters)	44173406 (ML5791eco)

[1]Check local OKI Printing Solutions website for latest driver releases and OS compatibility

Consumables Information: Only use genuine OKI Printing Solutions Original consumables to ensure the best quality and performance from your hardware. Non OKI Printing Solutions Original products may damage your printer's performance and invalidate your warranty.

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WARNING! This product complies with EN55022 Class B. However when fitted with the optional network interface card or optional cut sheet feeder, compliance to EN55022 is Class A. In a domestic environment this configuration may cause radio interference, in which case the user may be required to take adequate control measures

ENERGY STAR

OKI PRINTING SOLUTIONS