

ML5590eco/ML5591eco Specifications



High performance, versatile 24-pin printers for dedicated forms printing

Productivity and Reliability – every time

The ML5590eco and wide carriage ML5591eco printers feature advanced specifications that ensure excellent productivity and reliability every time. Their robustness and flexibility make them the ideal choice for demanding environments.

Versatile printers with flexible media handling

The ML5590eco/ML5591eco are so versatile, whether your requirement is for a long print run or a single letterhead, an envelope or a spreadsheet, in the office or on a counter, these impact printers can handle it. For fast and precise dedicated forms printing, with pin feed or cut sheet stock, the ML5590eco/ML5591eco are proven to be up to 30% faster than their closest competitor.

Eco-friendly and cost effective

The ML5590eco/ML5591eco have been developed to be eco-friendly. With power consumption at just 1.5W in sleep mode, your running costs and energy consumption are kept to a minimum, as well as reducing your carbon footprint.

OKI's commitment to 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. And, for total peace of mind just register your product and take advantage of our extended three-year warranty at no extra cost.

Highlights:

- 80/136 column dot matrix printers
- OKI's unique, high durability 24-pin printhead
- Multi-part paper-handling (original + 4 copies)
- Up to 473 characters per second (cps) print speed
- 4 million character ribbon life
- Eco-friendly technology, sleep mode consumes just 1.5W
- Manufactured at a CarbonZero facility
- Three-year warranty as standard (product registration required)

Variants available:

- ML5590eco
Narrow carriage
- ML5591eco
Wide carriage



ML5590eco and ML5591eco - Dot Matrix Printers

PRINTER	
Number of pins	24
Columns	ML5590eco: 80 (10cpi); 160 (maximum in compression mode) ML5591eco: 136 (10cpi); 272 (maximum in compression mode)
Character pitch	10/12/15/17.1/20 pitch and proportional
Graphics resolution	Up to 360 x 360dpi
Print speed	Fastest print speed: 473cps (15cpi); High Speed Draft: 420cps (10cpi); Utility: 378cps (12cpi), 315cps (10cpi); Letter Quality: 126cps (12cpi), 105cps (10cpi)

INTERFACE AND EMULATIONS	
Interfaces	Centronics parallel interface, USB 2.0
Optional interfaces	Serial RS 232C, OKILAN 7120e3 Network Card
Emulations	Epson LQ ESC/P2, IBM PPR, IBM AGM
Typeface & font	HSD, Utility, Courier (scalable), Roman (scalable), Swiss (scalable), Swiss Bold, Prestige, Gothic, Orator, Barcodes, OCR-A, OCR-B
Typestyle	Emphasised, Enhanced, Double Width, Double Height, Italics, Outline, Shadow, Bold, Superscript, Subscript, Underline

PAPER HANDLING	
Continuous paper	ML5590eco: 76 - 254mm; ML5591eco: 76 - 406mm
Continuous envelopes	ML5590eco: 165 x 92mm; ML5591eco: 241 x 105mm (Bottom feed only)
First printable line (from top of page)	Continuous (multi-parts): 0.5mm; Cut sheet (single sheet): 0.5mm
Copy capability	Up to 1 original + 4 copies
Paper feeding	Paper parking, Low tear-off, Autoload single sheet, Push tractors, Bottom feed
Optional paper feeding	Pull tractor, Single bin cut-sheet feeder, Roll paper stand (ML5590eco only), Bottom push tractor

GENERAL FEATURES	
Input buffer	128Kbytes
Power supply	Single phase 220 to 240VAC, +/- 10%, frequency 50/60Hz
Power consumption	ISO/IEC 10561 Letter, Draft, Range1: 45.9W; Sleep mode (no options attached): <1.5W
Noise level	56dB(A); 52dB(A) (quiet mode)
Dimensions (HxWxD)	ML5590eco: 120 x 398 x 345mm; ML5591eco: 120 x 552 x 345mm
Weight	ML5590eco: 5.9kg approx; ML5591eco: 7.8kg approx
Print Head life	200 million characters
Reliability	MTBF: 20,000 hours
Warranty	3 years extended warranty upon registration within 30 days of purchase
Product order numbers	ML5590eco: 01308802; ML5591eco: 01308902

ACCESSORIES (ORDER NUMBERS)	
Single Bin Cut Sheet Feeder	ML5590eco: 44497402; ML5591eco: 44497502
Pull Tractor	ML5590eco: 09002365; ML5591eco: 09002369
Roll Paper Stand	09002332 (ML5590eco only)
Bottom push tractor	ML5590eco: 09002366; ML5591eco: 09002370
Serial RS232C	44455102
OKILAN 7120e3 Network Card	44455302

CONSUMABLES (ORDER NUMBER)	
Ribbon (4 million characters)	01126301

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.



Simply Unique - 3 Year Warranty

Our devices are manufactured to the highest standards of quality and technology, which has been confirmed by independent tests. We are so convinced of the high quality of our products that we are offering you an extension of the standard warranty period to 3 years – for free! Simply register your product within 30 days of purchase to be eligible for our unique all inclusive offer. Fully covered by OKI! For further information please visit: WWW.OKIPRINTINGSOLUTIONS.CO.UK/WARRANTY. Without registration, the standard pan-European 1 year warranty applies.

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.



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