

# ML5520eco/ML5521eco Specifications

**OKI**  
PRINTING SOLUTIONS



## High performance, versatile, 9-pin printers for dedicated forms printing

### High speed, high volume, outstanding reliability

The ML5520eco and wide carriage ML5521eco printers are suited to high speed, high volume data and word processing applications where fast throughput and flexible paper management are required.

These 9-pin, impact printers are engineered to be tough enough for dedicated printing in the most demanding environments. With outstanding reliability, ease-of-use and barcoding facilities and the ability to run twice as long as most printers in their class, they are ideal for supporting forms printing at customer service points in wholesale and service environments.

### Precision, Flexibility and Resilience

The ML5520eco/ML5521eco can accommodate multipart forms and stock that are up to twice as thick as those that fit our nearest competitor. Their relentless performance comes from OKI's unique, high durability printhead design; and a light, strong, efficient motor. The long-last rack-and-pinion drive system and a protective, impact-resistance chassis, make it resilient to even the toughest environments.

A patented optical sensor places the printhead for precise output, and the auto-tear feature accurately positions your continuous forms for a clean tear right at the perforation – eliminating wasted forms and facilitating your day-to-day forms printing.

### Eco-friendly and cost effective

The ML5520eco/ML5521eco 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 9-pin printhead
- Multi-part paper-handling (original + 5 copies)
- Up to 570 characters per second (cps) print speed
- ML5521eco is ideal for account applications
- Eco-friendly technology, sleep mode consumes just 1.5W
- Manufactured at a CarbonZero facility
- 4 million character ribbon life
- Three-year warranty as standard (product registration required)

### Variants available:

- ML5520eco  
Narrow carriage
- ML5521eco  
Wide carriage



# ML5520eco and ML5521eco - Dot Matrix Printers

PRINTER	
Number of pins	9
Columns	ML5520eco: 80 (10cpi); 160 (maximum in compression mode) ML5521eco: 136 (10cpi); 272 (maximum in compression mode)
Character pitch	10/12/15/17.1/20 pitch and proportional
Graphics resolution	Up to 240 x 216 dpi
Print speed	Super Speed Draft: 570cps (12cpi); High Speed Draft: 507cps (10cpi); Utility: 380cps; Near Letter Quality: 95cps

INTERFACE AND EMULATIONS	
Interfaces	Centronics parallel interface, USB 2.0
Optional interfaces	Serial RS 232C, OKILAN 7120e3 Network Card
Emulations	Epson FX, IBM ProPrinter, Microline
Typeface & font	HSD, Utility, NLQ-Courier (Scalable), NLQ-Gothic (Scalable), Barcodes, OCR-B
Typestyle	Emphasised, Enhanced, Double Width, Double Height, Italics, Bold, Superscript, Subscript, Underline, Overscore

PAPER HANDLING	
Continuous paper	ML5520eco: 76 - 254mm; ML5521eco: 76 - 406mm
Continuous envelopes	ML5520eco: 165 x 92mm; ML5521eco: 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 + 5 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 (ML5520eco 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: 40.2W; Sleep mode (no options attached): <1.5W
Noise level	56dB(A); 52dB(A) (quiet mode)
Dimensions (HxWxD)	ML5520eco: 120 x 398 x 345mm; ML5521eco: 120 x 552 x 345mm
Weight	ML5520eco: 5.9kg approx; ML5521eco: 7.7kg 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	ML5520eco: 01308602; ML5521eco: 01308702

ACCESSORIES (ORDER NUMBERS)	
Single Bin Cut Sheet Feeder	ML5520eco: 44497402; ML5521eco: 44497502
Pull Tractor	ML5520eco: 09002365; ML5521eco: 09002369
Roll Paper Stand	09002332 (ML5520eco only)
Bottom push tractor	ML5520eco: 09002366; ML5521eco: 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](http://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.



© 2011 Oki Europe Ltd. Oki Printing Solutions is the trading name of Oki Europe Ltd. Version 1.1 02/2011. Specification subject to change without notice. All trademarks acknowledged.

**OKI EUROPE LTD.**  
Blays House, Wick Road  
Egham, TW20 0HJ  
United Kingdom  
T +44(0) 20 8219 2190  
F +44(0) 20 8219 2199

[www.okiprintingsolutions.com](http://www.okiprintingsolutions.com)

**OKI**  
PRINTING SOLUTIONS