

# ML3320eco/ML3321eco Specifications

# OKI



## The versatile, eco-friendly 9-pin printers for dedicated forms printing

### High speed, high volume, outstanding reliability

The ML3320eco and wide carriage ML3321eco 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 as well as the ability to run twice as long as most printers in their class, they are ideal for customer service points in wholesale and service environments.

### Precision, Flexibility and Resilience

The ML3320eco/ML3321eco 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 even in the toughest environments

With a patented optical sensor that places the printhead for precise output, and the auto-tear feature that 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 ML3320eco/ML3321eco 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 + 4 copies)
- Up to 435 characters per second (cps) print speed
- ML3321eco is ideal for account applications
- 3 million character ribbon life
- Low-tear and auto-park help eliminate wastage
- Eco-friendly technology, sleep mode consumes just 1.5W
- Manufactured at a CarbonZero facility
- Three-year warranty as standard (product registration required)

### Variants available:

**ML3320eco**  
Narrow carriage

**ML3321eco**  
Wide carriage



## ML3320eco and ML3321eco - Dot Matrix Printers

PRINTER		GENERAL FEATURES	
Number of pins	9	Input buffer	128Kbytes
Columns	ML3320eco: 80 (10cpi); 160 (maximum in compression mode) ML3321eco: 136 (10cpi); 272 (maximum in compression mode)	Power supply	Single phase 220 to 240VAC, +/- 10%, frequency 50/60Hz
Character pitch	10/12/15/17.1/20 pitch and proportional	Power consumption	ISO/IEC 10561 Letter, Draft, Range1: 27.5W; Sleep mode (no options attached): <1.5W
Graphics resolution	Up to 240 x 216dpi	Noise level	57dB(A); 52dB(A) (quiet mode)
Print speed	Super Speed Draft: 435cps (12cpi); High Speed Draft: 387cps (10/12cpi); Utility: 290cps (10/12cpi); Near Letter Quality: 73cps (10/12cpi)	Dimensions (HxWxD)	ML3320eco: 116 x 398 x 345mm; ML3321eco: 116 x 552 x 345mm
<b>INTERFACE AND EMULATIONS</b>		Weight	ML3320eco: 5.8kg approx; ML3321eco: 7.6kg approx
Interfaces	Centronics parallel interface, USB 2.0	Print Head life	200 million characters
Optional interfaces	Serial RS 232C, OKILAN 7120e3 Network Card	Reliability	MTBF: 10,000 hours
Emulations	Epson FX, IBM ProPrinter, Microline	Warranty	3 years extended warranty upon registration within 30 days of purchase
Typeface & font	HSD, Utility, NLQ-Courier (Scalable), NLQ-Gothic (Scalable), Barcodes, OCR-B	Product order numbers	ML3320eco: 01308203; ML3321eco: 01308303
Typestyle	Emphasised, Enhanced, Double Width, Double Height, Italics, Bold, Superscript, Subscript, Underline, Overscore	<b>ACCESSORIES (ORDER NUMBERS)</b>	
<b>PAPER HANDLING</b>		Single Bin Cut Sheet Feeder	ML3320eco: 44497402; ML3321eco: 44497502
Continuous paper	ML3320eco: 76 - 254mm; ML3321eco: 76 - 406mm	Dual Bin Cut Sheet Feeder	09000692 (ML3320eco only)
Continuous envelopes	ML3320eco: 165 x 92mm; ML3321eco: 241 x 105mm (Bottom feed only)	Pull Tractor	ML3320eco: 09002365; ML3321eco: 09002369
First printable line (from top of page)	Continuous (multi-parts): 0.5mm; Cut sheet (single sheet): 0.5mm	Roll Paper Stand	09002332 (ML3320eco only)
Copy capability	Up to 1 original + 4 copies	Bottom push tractor	ML3320eco: 09002366; ML3321eco: 09002370
Paper feeding	Paper parking, Low tear-off, Autoload single sheet, Push tractors, Bottom feed	Serial RS232C	44455102
Optional paper feeding	Pull tractor, Single bin cut-sheet feeder, Dual bin cut-sheet feeder (ML3320eco only), Roll paper stand (ML3320eco only), Bottom push tractor	OKILAN 7120e3 Network Card	44455302
		<b>CONSUMABLES (ORDER NUMBER)</b>	
		Ribbon (3 million characters)	09002303

**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.oki.me](http://www.oki.me)  
Without registration, the standard pan-European 1 year warranty applies.

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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.

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**OKI**  
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