

Printer Information



ML3320

Major Applications

The **ML 3320/3321** narrow and wide carriage printers are suited to high speed, high volume data and word processing applications where fast throughput and flexible paper management are required. Outstanding reliability, ease of use and barcoding facilities make them ideal for customer service points in wholesale, retail and service environments.



- Multi-part forms
- Labels
- Listings
- Customer service points
- Accounts - *spreadsheets*

General Printer Characteristics

Number of pins:	9	
No. of multi-part forms:	5 (one original + 4 copies)	
Print speeds:	12 cpi	10 cpi
Super speed:	435 cps	
High speed draft:	387 cps	387 cps
Utility:	290 cps	290 cps

Near letter quality:	73 cps	73 cps
Carriage width (10 cpi):	80 columns	
Fastest print speed:	435 cps	
Max. in compressed mode:	160 columns	
Dimensions:	116 x 398 x 345 mm (H x W x D)	
Weight:	7.8 kg	
Continuous paper:	3-10" (76-254 mm)	
Continuous envelopes:	6.5 x 3.6" (165 x 91mm)	
First printable line:	0.02" (0.5mm)	
Character pitch:	10/12/15/17/20 pitch & proportional	
Graphics resolution:	Up to 240 x 216 dpi	
Memory:	28 Kbytes	
Noise level:	57 dBA/52 dBA (quiet mode)	
Power requirements:	230V AC (+6%, -14%) 240V AC (±10%)	
Frequency:	50/60 Hz	

Font & Print Features

Resident typefaces (3):	Courier, Gothic, Sans Serif
Font styles:	Italics, scaleable
Barcodes:	Seven resident

Interfaces & Emulations

Emulations:	Epson FX, IBM Graphics/Proprinter, OKIMicroLine
Standard interfaces:	Centronics Parallel
Optional interfaces:	Serial RS 232C/RS 422/Current Loop

Paper Handling

1. Bottom feed:	For dedicated volume printing tasks - <i>requires pull tractor or bottom push tractor for zero tear-off and/or paper parking</i>
2. Top feed:	For cut-sheet feeder applications - <i>invoice sets, orders</i>
3. Rear feed:	For greater flexibility - <i>paper parking and</i>

cut-sheet feeder

Standard

- Paper parking
- Zero tear-off
- Push tractors
- Bottom feed
- Autoload single sheet

Optional

- Pull tractors
- Single/dual bin sheet feeder
- Roll paper stand
- Bottom tractor with metal long-life tear-off bar

Reliability

Print head life:	200 million characters
Ribbon life:	3 million characters in utility mode at 10 cpi
MTBF:	10,000 hours