



Print Method Impact dot matrix

Printhead 9 pins, 0.34 mm diameter, automatically adjusting to paper thickness, with thermal protection

Print Speed:

High Speed Draft (HSD) 427 cps

Utility 320 cps

Near Letter Quality (NLQ) 80 cps

Characters per Line (CPL):

10 cpi 80 cpl 136 cpl

12 cpi 96 cpl 163 cpl

15 cpi 120 cpl 204 cpl

17.1 cpi 137 cpl 233 cpl

20 cpi 160 cpl 272 cpl

Emulations: Epson FX, IBM Proprinter, and OKIDATA Microline Standard co-resident

Interface: Standard: Centronics parallel

Optional: RS-232C serial

Graphics Resolution: Emulation Resolution

Epson/ IBM Single Density: 144 x 240 dpi

Double Density: 120 x 144 dpi

Quadruple Density: 72 x 120 dpi

OKIDATA Microline Standard Single Density: 144 x 288 dpi

Double Density: 144 x 144 dpi

Quadruple Density: 72 x 72 dpi

Resident Fonts: Print Quality Available Fonts

Near Letter Quality Courier, Gothic

Utility Gothic

High Speed Draft Gothic

Bar Codes: Code 39, UPC A, UPC E, EAN 8, EAN 13, Interleaved 2 of 5, Code 128 (A, B, and C), Postnet

Receive Buffer Size: 64K

Reliability:

Parameter Reliability

Mean Time Between Failures (MTBF) 6000 hours at 25% duty cycle and 35% page density

Mean Time to Repair (MTTR) 15 minutes

Printhead life 200 million characters avg. in 10 cpi utility mode at 25% duty and 35% page density

Ribbon Life (on average, 10 cpi utility) 4 million characters

Paper Width Minimum: 3 Maximum: Model 520, 10 Model 521, 16

Paper Weight 12 to 24 lb.

Paper Thickness Rear feed: 0.014 (0.36 mm) Bottom feed: 0.017 (0.44 mm)

Paper Specifications

<i>Paper Type</i>	<i>Feed</i>	<i>Weight</i>	<i>Width Range</i>
Cut sheets	Top only	14 to 24 lb.	ML520: 7.2" to 8.5" ML521: 7.2" to 14.3"
Single-part continuous forms	Rear, Bottom	12 to 24 lb.	ML520: 3" to 10" ML521: 3" to 16"
Carbonless, multipart continuous form (orig. + 5 copies)	Rear, Bottom	9 to 11 lb.	ML520: 3" to 10" ML521: 3" to 16"
Interleaf, multipart continuous forms (orig. + 5 copies)	Rear, Bottom	10 to 12-lb. paper, 9-lb. carbon	ML520: 3" to 10" ML521: 3" to 16"
Labels	Bottom only	N.A.	ML520: 3" to 10" ML521: 3" to 16"
Envelopes, single feed	Top only	24 lb. max	6.5" to 9.5"
Envelopes, continuous feed, non-overlap type	Bottom only	24 lb. max	6.5" to 9.5"
Card stock	Bottom only	120 lb. max.	N.A.
Transparencies	Top only	—	8.5" × 11"

Dimensions (W x D x H)

Model 520: 17 x 15 x 6½ inches (431 x 380 x 166 mm)

Model 521: 23 x 15 x 6½ inches (585 x 380 x 166 mm)

Weight Model 520: 17 lb. 10 oz. (8 kg)

Model 521: 23 b. 2 oz. (10.5 kg)

Environmental Requirements

Parameter Range

Operating Temperature 41 to 104° F (5 to 40° C)

Storage Temperature 14 to 122° F (-10 to +50° C) Operating Humidity 20 to 80% RH

Storage Humidity 5 to 95% RH

Electrical requirements 120 volts ac (+ 5.5%, -15%), 60 Hz (± 2%) Also available for 230 (+ 6%, - 10%) volts ac or 240 (+ 10%) volts ac, 50/ 60 Hz (±2%)