

24-PIN PRINTER

ML590/591

Choose the Versatile Office Printer.

OKISMA**R**T Paper Handling™ makes the ML590/591 the right choice for all your business needs.

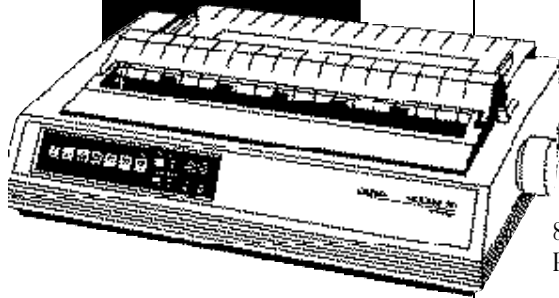
- ▶ OKISMA**R**T Paper Handling recognizes different kinds of paper used, and...
- ▶ Automatically adjusts to handle letterhead, card stock, envelopes, labels, even 5-part forms.

▶ Prints letter-quality at 120 cps; utility at 360 cps.

▶ 10% faster than comparable products from Epson®.

▶ 6 resident letter-quality typefaces, 8 resident bar code fonts including PostNet™.

- ▶ Optional color kit for graphics, charts, transparencies.
- ▶ Optional bottom-feed push tractor kit for jam-free printing of thick forms.
- ▶ Bottom, top, and rear feed.
- ▶ Two-year warranty.
- ▶ Zero Tear capability.
- ▶ 200-million character printhead life.
- ▶ 8,000-hour Mean Time Between Failures (MTBF).



OKISMA**R**T Paper
Handling™ for
hassle-free reliable
switching between
different media.

TARGET MARKETS:

Service/Professional Office Environments

- Accounting
- Banking
- Finance

Small Businesses

- Small Office
- Home Office

HIGHLIGHTS/FEATURES:

- Letter-quality Printer
- Anticipates/Conforms to All Paper Handling Needs
- Optional Color Kit

ML590/591 Specifications

TECHNOLOGY, SPEED, AND PRINT CHARACTERISTICS

Print Method: 24-pin (.20 mm diameter) Serial Impact Dot Matrix
Graphics Resolution: 360 x 360 dpi (max.)
Print Speed (cps @ 12 cpi): LQ Utility High Speed Draft
 120 360 450 (15 cpi)
Character Sets: Standard ASCII, Epson® Character Set I & II, IBM® Character Set I and II, Foreign
 Character Substitution, International Character Sets, Code Page 850, 860, 863, 865,
 Bar Code
Feed Rate: 5.0 ips

EMULATION, INTERFACE AND MEMORY

Emulation: Epson LQ/IBM XL 24e co-resident
Standard Interface: Parallel
Optional Interface: RS-232C Serial
Memory: Standard 64K for I/F buffer + 32K DLL

FONTS

LQ: Courier, Letter Gothic, Prestige, Orator, Roman, Swiss™
Draft: Utility, High Speed Draft (15 cpi)
Bar Codes: Code 39, UPC A, UPC E, EAN 8, EAN 13, Interleaved 2 of 5, Code 128, PostNet

PAPER HANDLING

Paper Types: Continuous form, cut sheet, card stock, envelopes
Number of Copies: 5
Thickness: Rear Feed: .014" (.36 mm); Bottom Feed: .017" (.44 mm)
Paper Feeding: Bottom/Top/Rear; standard Rear Push Tractor, optional Pull Tractor, optional
 Bottom Push Tractor, optional Single/Cut Sheet Feeder
Card Stock Weight: 120 lb. max.

WARRANTY AND RELIABILITY

Limited Warranty: Two year parts and labor
Service: Authorized OKIDATA Service Centers
Reliability (MTBF): 8,000 hours (25% duty cycle, 35% page density)
Printhead Life: 200 million characters avg. in 10 cpi draft mode @ normal 25% duty, 35% page density:
 user installable

ENVIRONMENTAL

Size (WxDxH): ML590: 16.9" x 14.9" x 6.5" (43.0 cm x 37.8 cm x 16.5 cm)
 ML591: 23.0" x 14.9" x 6.5" (58.4 cm x 37.8 cm x 16.5 cm)
Net Weight: ML590: 16.5 lb. (7.3 kg) ML591: 19.8 lb. (9.0 kg)
Electrical: 120 VAC: +5.5/-15%; 230/240 VAC: +10/-14%
Power Consumption: Operating (Avg.) 60W Idle 17W
Operating Temperature: 41°F to 104°F (5°C to 40°C)
Noise: LQ mode: 53 dBA; Quiet mode: 50dBA

CONSUMABLES AND OPTIONS

Ribbon Type: Cartridge Fabric
Ribbon Life: Black – 4 Million Characters
Color (optional): Black, Cyan, Magenta, Yellow
Cut Sheet Feeder: Narrow/Wide, Single Bin with envelope capability
Pull Tractor Kit: Use with bottom feed for continuous forms, labels, invoices (separate models)
Bottom Push Tractor Kit: Use with bottom feed for continuous forms, includes stand and metal tear bar
 (separate models)
Serial Interface: 19.2K, RS-232C
Color Module Kit: Includes color mechanism and color ribbon; user installable
OKIsmart Typer™: Packaged in box (includes: typewriter mode, form creation utility, barcode utility and more)
OKISMART Front Panel™: Includes front panel control utility, Windows® drivers