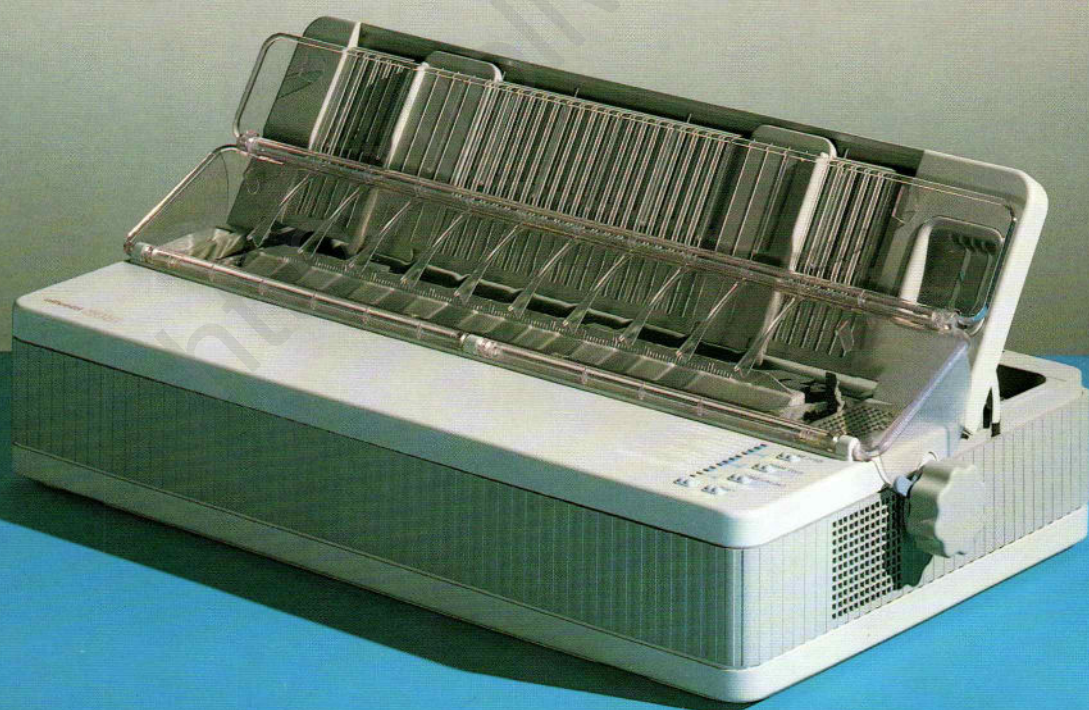
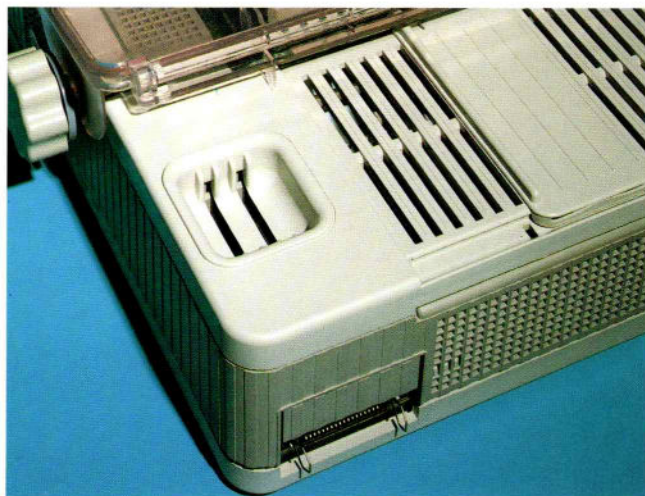


**DOT MATRIX PRINTERS**  
**DM 324 / DM 324L**  
**FACETED AND REFINED**



**olivetti**





The Olivetti DM 324 and DM 324L are 80 and 136 column, 24-needle dot matrix printers. Their high quality, performance and technical specifications make them the "reference machines" in their market.

#### VERSATILE PRINTERS

The DM 324/324L are designed for the medium work load office, producing up to 80 pages per day. Powerful and flexible, they are ideal for word processing, accounts, graphics and design.

#### SPEED AND EFFICIENCY

Speed and quality are important aspects of your company's image, an image which is portrayed through your documentation. With high quality printing, at a speed of 60 cps, you can rely on the DM 324/324L to portray true professionalism.

#### MAINTAINING VERY HIGH QUALITY

High quality and high speed come together at 300 cps in HSD, which you will not find in any of our competitors' printers. Printing quality is maintained by our moving cartridge without inker, giving minimum ribbon exposure and constant inking.

#### "INTELLIGENT" PAPER HANDLING

The DM 324/324L eliminate paper handling problems. The standard "push" tractor has "intelligent" functions, supplemented by the optional "pull" tractor functions.

#### STURDY AND RELIABLE HEAD

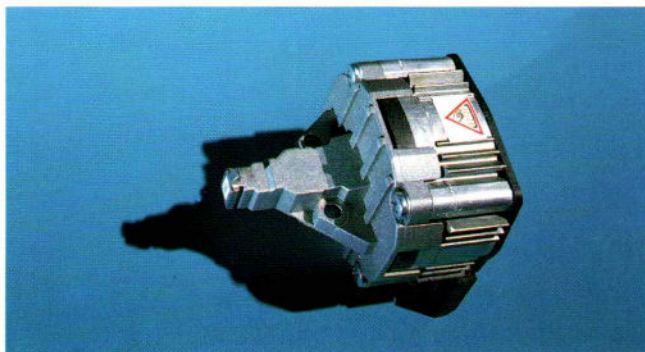
The DM 324/324L have 24-needle printheads on two staggered rows. Two important features set them apart from their competitors: very robust "shaped" needles; and a head-life equal to machine-life.

#### FULL RANGE OF FONTS ON MEMORY CARDS

The DM 324/324L have two memory card slots, allowing up to 18 different fonts to be used, including Epson and IBM emulations.

#### ELEGANT AND FUNCTIONAL MACHINES

The DM 324/324L have a distinct appearance and like everything with a detailed design, offer style, simplicity and functionality.



## TECHNICAL SPECIFICATIONS

#### PRINT ELEMENT

24-needle printhead

#### PRINT SPEED

At 10 cpi:

- ☐ 300 cps in high speed draft mode (HSD): 24(V) x 9(H)
- ☐ 240 cps in draft mode (DRAFT): 24(V) x 12(H)
- ☐ 80 cps in letter quality mode (LQ): 24(V) x 36(H)

#### PRINT DIRECTION

Bidirectional, with optimized path.

#### LINE LENGTH

At 10 cpi:

- ☐ DM 324: 80 columns
- ☐ DM 324L: 136 columns

#### CHARACTER ATTRIBUTES

- |  |   |
|--|---|
| <input type="checkbox"/> Condensed     | <input type="checkbox"/> Overlined            |
| <input type="checkbox"/> Boldface      | <input type="checkbox"/> Double height        |
| <input type="checkbox"/> Superscript   | <input type="checkbox"/> Double width         |
| <input type="checkbox"/> Subscript     | <input type="checkbox"/> Italic               |
| <input type="checkbox"/> Double strike | <input type="checkbox"/> (on EPSON emulation) |
| <input type="checkbox"/> Underlined    |   |

#### PRINT MODES

- ☐ High Speed Draft (HSD)
- ☐ Draft
- ☐ Letter Quality (LQ)

#### FONTS

IBM PP:

- ☐ STD:
  - Courier 10, 17.1, PS
  - Prestige Elite 12
- ☐ On memory card:
  - Courier 10, 12, 17.1, PS (Italic)
  - Courier 12
  - OCR-A, OCR-B
  - Artisan 10
  - Letter Gothic 12
  - Script 10
  - Orator 10
  - Title PS
  - Boldface PS
  - Boldface PS (Italic)
  - Gothic 17

EPSON:

- ☐ STD:
  - Roman 10, 12, 15, PS
  - Sans Serif 10, 12, 15, PS
- ☐ On memory card:
  - Prestige 10, 12, 15, PS
  - Courier 10, 12, 15, PS
  - Script 10, 12, 15, PS
  - OCR-A 10
  - OCR-B 10
  - ORATOR 10, 12, 15

#### BIT IMAGE MODE

- ☐ Horizontal resolution: 60, 72, 80, 90, 120, 180, 240, 360 dpi
- ☐ Vertical resolution: 90, 180, 360 dpi

#### HARDWARE COMPATIBILITY

- ☐ Olivetti PCs
- ☐ IBM PCs and Compatible
- ☐ Olivetti Systems LI, LSX MOS and X/OS, TCV 370, ETV

#### SOFTWARE COMPATIBILITY

These printers support all of the most popular industry standard application packages.

#### COMMAND SETS

STD:

- ☐ IBM 4207 (Proprinter X 24) and 4208 (Proprinter XL 24)
- ☐ Olivetti extension Standard Code

On memory Card:

- ☐ Epson LQ 2550
- ☐ Olivetti STD 12/14/15/31

#### INTERFACES

STD:

- ☐ Parallel Centronics

OPT:

- ☐ Serial RS 232-C

#### PAPER HANDLING

STD:

- ☐ integrated push sprocket (1 + 3)
- ☐ rear feed with friction platen (1 + 3)
- ☐ SHORT TEAR OFF: either at last printed line or at perforation of the continuous form
- ☐ PARKING: parking of the stationery in the rear part of the printer, out of the platen

OPT:

- ☐ pull sprocket (1 + 4)
- ☐ single hopper automatic sheet feeder
- ☐ second hopper for the automatic sheet feeder

#### OTHER FEATURES

STD:

- ☐ DATASCOPE: permits the printing of hexadecimal codes received through the interface
- ☐ BUFFER: 8K bytes

OPT:

- ☐ COLOUR KIT: allow the colour printing
- ☐ additional BUFFER (32K bytes) for DOWN LINE LOADING (DLL for the creation and printing of personalized characters) on memory card

#### OPERATING ENVIRONMENT

- ☐ Temperature: from 15 °C to 35 °C
- ☐ Relative humidity: from 15% to 85%

#### ELECTRICAL CHARACTERISTICS

- ☐ Power rating: 115 - 220 - 240 V
- ☐ Frequency: 50 - 60 Hz
- ☐ Power consumption: 110 W

#### PHYSICAL CHARACTERISTICS

DM 324:

- ☐ height: 4.3" (110 mm)
- ☐ width: 17" (430 mm)
- ☐ depth: 14.9" (378 mm)
- ☐ weight: 21 lb (9.5 kg)

DM 324L:

- ☐ height: 4.3" (110 mm)
- ☐ width: 24" (605 mm)
- ☐ depth: 14.9" (378 mm)
- ☐ weight: 26.4 lb (12 kg)

#### SUPPLIES

- ☐ FLEXICART nylon black-ribbon cartridge (3 million chars) code 80478 X
- ☐ FLEXICART multistrike black-ribbon cartridge (280 000 chars; 150 000 in Letter Quality Mode) code 80939 D
- ☐ FLEXICART nylon 4-colour ribbon cartridge (800 000 chars each colour) code 80938 B

#### TRADEMARKS

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