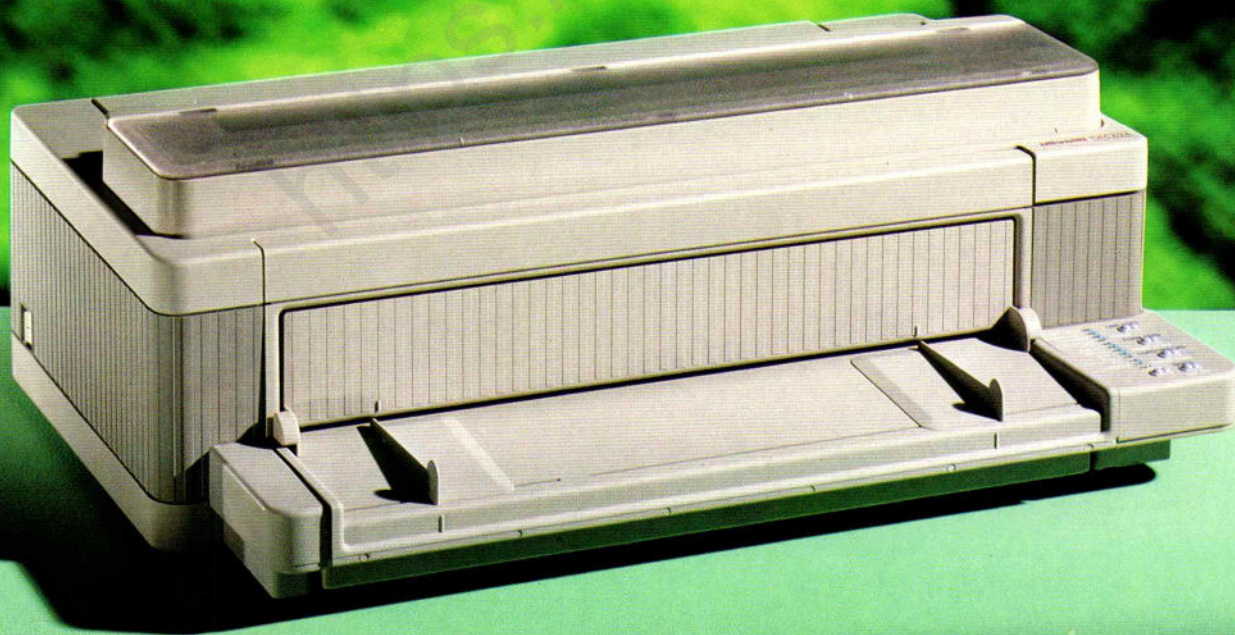


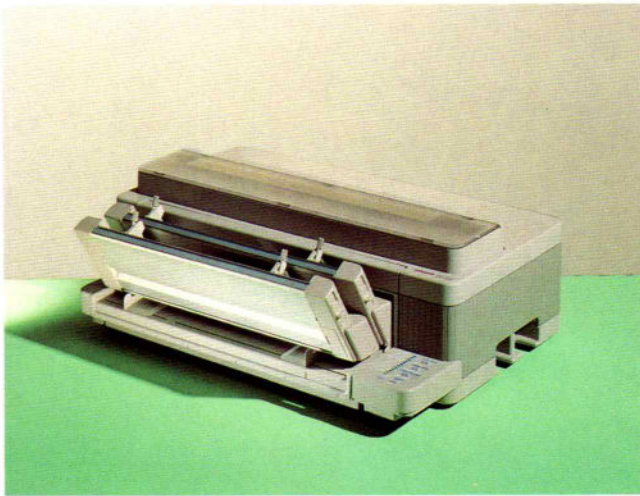
DOT MATRIX PRINTER

DM 624

CLASSICAL AND CONTEMPORARY



olivetti



The DM624 is a 136-column, 24-needle, high-performance dot matrix printer. Its main features are: high productivity; high speed; high print quality; and extensive paper handling facilities.

The special design features of the DM624 make it ideally suited to financial and administrative applications, where large quantities of multicopy forms are constantly being printed. The quality of print of the DM624 also makes it ideal for professional studio or editorial office work.

PRINT SPEED AND QUALITY

The DM624 has three print modes and three print speeds, giving a combination of speed and quality - ranging from 410 cps, for high speed draft printouts, to 120 cps, for fast printout of quality documents.

The 24-needle printhead, with an optional colour kit, gives optimal graphics resolution to characters and drawings. This makes the DM624 ideally suited to medium/high level technical drawings, created with CAD packages for example.

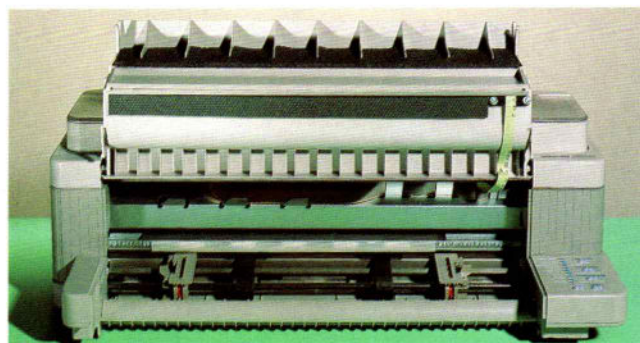
SPECIAL PAPER HANDLING FEATURES

One of the greatest strengths of the DM624 is its ability to handle a wide range of sizes and types of paper, due to the standard paper handling devices built into the printer. These are:

- integrated push sprocket
- flat bed paper inlet
- short tear off
- parking

Plus, the DM624 offers:

- face up and face down paper positioning
- X-axis control (the printer positions the printhead so that printing is only possible on the paper)
- Z-axis control (the printer automatically senses the thickness of the paper)



PRINT ELEMENT
24-needle printhead, with a life of 600 million dots

PRINT SPEED

At 10 cpi:

- ☐ 410 cps in High Speed Draft mode (HSD): 24(V) × 9(H)
- ☐ 360 cps in Draft mode: 24(V) × 12(H)
- ☐ 120 cps in Letter Quality mode (LQ): 24(V) × 36(H)

PRINT DIRECTION

Bidirectional, with optimized path

LINE LENGTH

136 columns at 10 cpi

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"/> Emphasized | <input type="checkbox"/> (on Epson emulation only) |
| <input type="checkbox"/> Double strike | |
| <input type="checkbox"/> Underlined | |

FONTS

IBM PP:

- ☐ STD:
 - Courier 10, PS (LQ)
 - Prestige Elite 12 (LQ)
 - HSD
 - Draft
- ☐ 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:

- ☐ On optional memory card:
 - Roman 10, 12, 15, PS (LQ)
 - Sans Serif 10, 12, 15, PS (LQ)
 - 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
 - HSD
 - Draft

BIT IMAGE MODE

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

HARDWARE COMPATIBILITY

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

SOFTWARE COMPATIBILITY

The printer supports all of the most popular industry standard application packages.

COMMAND SETS

STD:

- ☐ IBM 4208 (Proprinter XL 24)
 - ☐ Olivetti Standard Code
- On memory Card:
- ☐ Epson LQ 2550
 - ☐ Olivetti STD 12/14/15/31

INTERFACES

STD:

- ☐ Double interface

PAPER HANDLING

STD:

- ☐ integrated push sprocket (1 + 4)
- ☐ front feed (1 + 4)
- ☐ Short Tear Off: either at last printed line or at perforation of continuous form
- ☐ Parking of stationery in front part of the printer

OPT:

- ☐ single hopper automatic sheet feeder
- ☐ second hopper for automatic sheet feeder

OTHER FEATURES

STD:

- ☐ DATASCOPE: permits the printing of hexadecimal codes received through the interface
- ☐ BUFFER: 8K bytes (Epson)
- ☐ X-axis controller: automatic printhead positioning
- ☐ Z-axis controller: automatic paper thickness detection

OPT:

- ☐ COLOUR KIT: for 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: 120 W

PHYSICAL CHARACTERISTICS

- ☐ height: 9" (230 mm)
- ☐ width: 25" (635 mm)
- ☐ depth: 17" (435 mm)
- ☐ weight: 45 lb (20.5 kg)

SUPPLIES

- ☐ LONGCART nylon black-ribbon cartridge (6 million chars) code 80940 G
- ☐ LONGCART nylon 4-colour ribbon cartridge (1 million chars each colour) code 80941 Z

TRADEMARKS

IBM is a registered trademark of International Business Machines Corp. EPSON is a registered trademark of Epson America Inc.