

Lisa

## The Apple Daisy Wheel Printer



The Apple Daisy Wheel Printer adds professional letter-quality printing capability to Lisa™. Reports, letters, charts, diagrams — any text or graphics you create with your Lisa can be printed with the Apple Daisy Wheel Printer. And what you see on the screen is exactly what you get on the printed page.

Apple's exclusive print wheels offer unique printing capabilities. The versatility they provide means changing print wheels less frequently to get the professional-quality documents you need.



The Apple Daisy Wheel Printer's unique print wheels let you print both text and graphics with any print wheel. With them you can produce professional-quality printouts of any text or graphics created with Lisa.

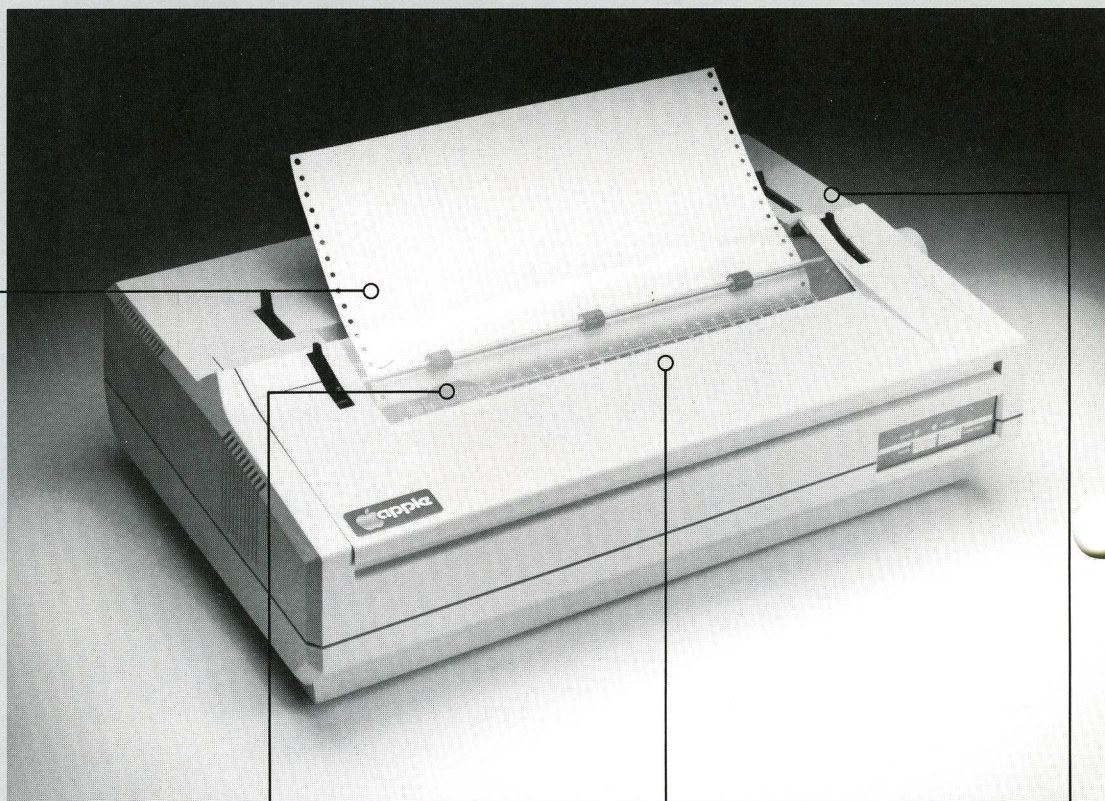
**Professional-quality text and graphics.**

- High-resolution printing creates type sizes up to 1/3 inch high — as well as pictures, charts, and other graphics.
- Many type sizes are available, from "fine print" to "headline" sizes.
- Each typestyle can be printed in bold and underlined.

**What you see on the screen is what you get on the page.**

- One printout is all you'll need because you'll know beforehand how the finished product will look.
- All print options, such as margins, pagination, and line spacing, are displayed on the screen.
- The printer accepts both fan-fold and single-sheet paper. Single sheets can be inserted vertically or horizontally and

**Text and graphics** produced by the Apple Daisy Wheel Printer give a professional polish to your reports and other documents. Designed for maximum versatility and ease of use, the Daisy Wheel Printer reaches its full potential when it's used with Lisa.



**Platen** The printer will accommodate paper up to 14 inches wide—perfect for documents that require a horizontal format. Both fan-fold and single-sheet paper are accepted.

**Ribbon** No-mess cartridge ribbons drop in easily. Choose both long-life cloth ribbons and multistrike carbon ribbons.

**Daisy Wheel** Apple's exclusive 130-spoke daisy wheels mean less print wheel changing, more convenience. Lisa's custom print wheels give you even more versatility. And all print wheels can be used to create graphics as well as text.

**Cable** The printer just plugs into a convenient jack at the back of Lisa. No interface card is required.



paper up to 14 inches wide can be used.

### Increased printing performance and versatility.

"Background" printing allows you to use Lisa for other tasks while your document is being printed.

- The printing format you define for each document is stored with it, for fast, accurate reprinting at a later time.

- Printer setup is controlled with the mouse—just select options from the checklist.

### Innovations in daisy wheel technology save time and work.

- All print wheels contain 130 spokes and create graphics as well as text.
- Apple's multipitch print wheel allows you to produce 10 pitch,

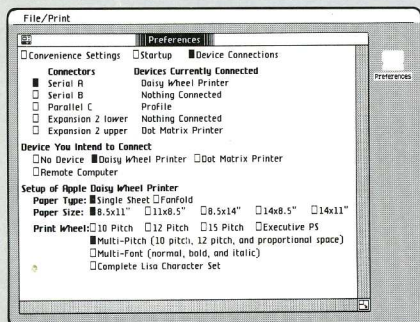
12 pitch, and proportionally spaced type without changing wheels.

- The Modern PS print wheel with italics gives you normal and italic typefaces on the same wheel and both can be printed in bold and underlined.
- The Modern 10/12 print wheel with additional characters enables you to print any of Lisa's

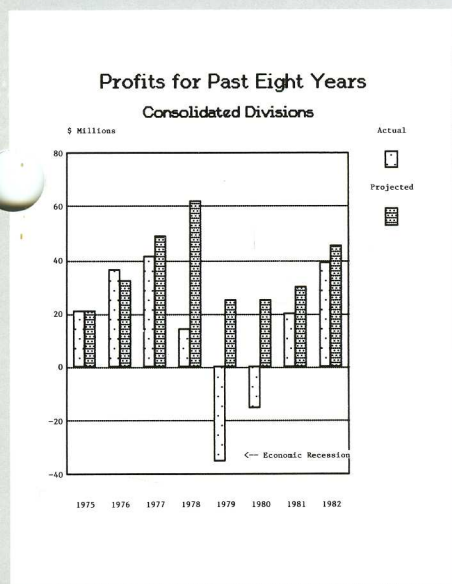
168 characters with the same print wheel.

### From carton to printout in ten minutes.

- The Apple Daisy Wheel Printer plugs directly into the back of Lisa.
- Printer options are selected from a Lisa checklist—there are no switches to set on the printer.



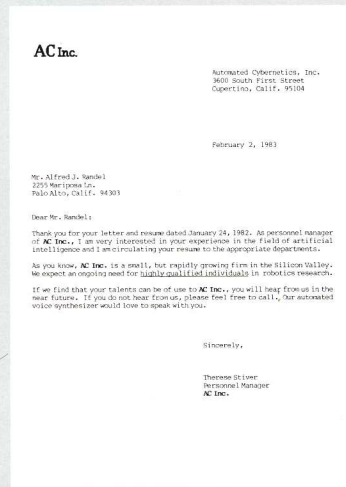
Printer set-up options—such as paper size and type, and print wheels—are all controlled from within Lisa applications. Simply point with the mouse to select each option.



Mix text and graphics as needed. The Apple Daisy Wheel Printer can produce both—without a change of print wheels.

### Lisa + Apple Daisy Wheel Printer = Efficiency

- The format you define for each document is stored with it, so future copies can be prepared rapidly. Of course, the format can be changed at any time.
- Lisa's "background" printing feature allows you to work on other documents—or even another Lisa application—while your text is being printed.
- It's easy to print multiple copies of a document, or to print selected pages.
- Apple's specially designed daisy wheels reduce your need to change wheels to get special characters. And with Apple's multipitch and italic wheels, you do not even have to change print wheels to use a variety of typestyles and sizes.
- Apple's Modern 10/12 print wheel allows you to print any of Lisa's 3 characters without changing wheels.



Besides the standard office typestyles, each print wheel can print "headline" size type as well as bold and underline. Also available are print wheels that offer italics and additional characters.

### Professional Quality Printouts—With No Surprises

- What you see on Lisa's screen is exactly what you get on paper. Margins, page breaks, and line spacing will be just as you have chosen.
- Text and graphics can be combined within a document without changing print wheels.
- A multitude of typestyles are available, in sizes from "fine print" to "headline."
- All typestyles can be printed in bold and underlined.

### Getting Started Is Easy

- The Apple Daisy Wheel Printer plugs into a convenient connector on the back of the computer. No interface card is required.
- There's no need to set any switches on the printer. All set-up options are presented in an easy-to-use checklist and are automatically stored for future use.
- The Apple Daisy Wheel Printer accepts either fan-fold or single-sheet (letterhead) paper. Changing from tractor-feed to friction-feed paper takes seconds.
- Paper as wide as 14 inches may be used, so you can easily print spreadsheets, charts, and other wide documents.
- Two types of ribbons—long-life cloth ribbons and multistrike carbon ribbons—are available in drop-in cartridges.



# The Apple Daisy Wheel Printer

# Specifications

**Printing method:**

- Custom Apple 130-spoke plastic wheels.

**Print speed:**

- 40 characters per second (average for text).

**Print wheels available:**

- Special function print wheels:
  - Apple Modern 10/12/PS.
  - Apple Modern PS with italics.
  - Apple Modern 10/12 with additional characters.
- Standard print wheels for office use (including Courier 10 pitch, Prestige Elite 12 pitch, Gothic 15 pitch, and Executive proportional-space).

**Paper accommodated:**

- Fan-fold (tractor- or friction-feed), cut sheet, or forms up to 14 inches wide.

**Ribbons:**

- Plastic cartridge. Choice of multistrike carbon ribbon, or "endless" fabric ribbon. Ribbon is fed proportionally to character width, for maximum ribbon life.

**Format:**

- Horizontal Characters:
  - 132 columns at 10 pitch.
  - 158 columns at 12 pitch.
  - 198 columns at 15 pitch.
- Vertical Characters:
  - 6 or 8 lines per inch (line feed).
  - Manual positioning.

**Graphics/Custom Software:**

- Maximum 120 horizontal positions per inch.
- Maximum 48 vertical positions per inch.

**Weight and dimensions:**

- Weight: 37 lbs. (16.8 kg).
- Height: 6.87 in. (17.5 cm).
- Width: 23.22 in. (59.0 cm).
- Depth: 14.84 in. (37.7 cm).

**Power requirements:**

- 90–132 V AC (at 60 Hz) or 190–264 V AC (at 49–64 Hz).

**Power consumption:**

- 80 W during operation.

**Environmental requirements:**

- Operating:
  - Ambient temperature: 50°–104° F (10°–40° C).
  - Relative humidity: 10–90%, noncondensing.
- Storage:
  - Ambient temperature: –104°–+140° F (–40°–+60° C).
  - Relative humidity: 10–95%, noncondensing.

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