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CAD
Peripherals



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HP DraftMaster Pen Plotter

HP's DraftMaster I and DraftMaster II high-performance plotters are designed for the speed and superior line quality demanded by today's professional CAD environment. DraftMaster II is a roll-feed plotter for high volume, unattended operation, continuous feed, and long-axis plotting. The DraftMasters' excellent line quality meets your most demanding drafting applications.

Product features:

Media sizes:

Ranges include ISO sizes A4 through A0, ANSI sizes A through E, architectural sizes, and oversized media.

Media:

Paper (regular* and glossy), transparency film, double-matte polyester film*, vellum*, tracing bond

Pens:

8 in carousel. Choose from fiber-tip (paper and transparency), liquid-ink (refillable and disposable), roller-ball.

Repeatability:

With a given pen 0.1 mm (0.004 in.)

Resolution:

Addressable 0.025 mm (0.001 in.); mechanical 0.00625 mm (0.00025 in.)

Pen velocity:

60 cm/s (24 in./s) independent of vector direction

Data sheet number:

5954-7090



HP DraftPro Pen Plotter

The HP DraftPro large-format 8-pen plotter is designed especially for personal CAD systems. This HP plotter gives you good line quality and media flexibility when low price and high reliability are important considerations. To save you time, DraftPro's pen sorting feature groups lines of the same color together and draws these lines in one operation.

Product features:

Media sizes:

Accommodates widths from 550 mm to 640 mm, lengths from 400 mm to 1000 mm, including A2/C, A1/D, and oversized media.

Media:

Paper (regular), double-matte polyester film, vellum

Pens:

8 in carousel. Choose from fiber-tip (paper), liquid-ink (refillable and disposable).

Repeatability:

With a given pen 0.1 mm (0.004 in.); pen to pen 0.2 mm (0.008 in.)

Resolution:

Addressable 0.025 mm (0.001 in.); mechanical 0.013 mm (0.0005 in.)

Pen velocity:

40 cm/s (15.7 in./s)

Data sheet number:

5953-9890



HP 7550 Pen Plotter

HP's 7550 A4/A- and A3/B-size desktop plotter combines high performance with automatic sheet feed to handle heavy graphics workloads for high-volume individual users or multi-user departments. Its 6 g acceleration and fast pen speed mean shorter plotting time for your projects. Multiple copies are easy — just load the supply tray and your HP 7550 will automatically plot up to 150 graphics on paper or up to 100 overhead transparencies.

Product features:

Media sizes:

ISO A4/A3, ANSI A/B

Media:

Paper (regular and glossy), transparency film, double-matte polyester film, vellum

Pens:

8 in carousel. Choose from fiber-tip (paper and transparency), liquid-ink (refillable and disposable), roller-ball.

Repeatability:

With a given pen, 0.1 mm (0.004 in.)

Resolution:

Addressable 0.025 mm (0.001 in.); mechanical 0.00625 mm (0.00025 in.)

Pen velocity:

80 cm/s (31.5 in./s)

Data sheet number:

5954-8797

*Also available in rolls.



HP 7475 Pen Plotter

HP's 7475 A4/A- and A3/B-size pen plotter easily handles your most difficult assignments — from architectural designs and mechanical drawings to measurement graphs and organization charts, even color overhead transparencies for your presentations. Its high resolution (plots up to 1000 points in a one-inch line), and excellent repeatability ensure professional quality output. The HP 7475 lets you change the size of drawing area when switching media, or rotate your plot 90 degrees. Control panel keys can also be used in conjunction with a digitizing sight.

Product features:

Media sizes:
ISO A4/A3, ANSI A/B

Media:
Paper (regular and glossy),
transparency film, double-matte
polyester film

Pens:
6 in carousel. Choose from fiber-tip
(paper and transparency), refillable
short-body liquid-ink.

Repeatability:
With a given pen 0.1 mm (0.004 in.);
pen to pen 0.2 mm (0.008 in.)

Resolution:
Addressable 0.025 mm (0.001 in.)

Pen velocity:
Maximum 38.1 cm/s (15 in./s)

Data sheet number:
5954-8797



HP PaintJet Color Graphics Printer

HP's PaintJet combines brilliant color graphics and fast, near-letter-quality text in one unit. It gives you quick color hardcopy of 3D CAD drawings and prints your memos, parts and materials lists, project schedules — even makes color overheads for your presentations! Two disposable print cartridges hold four specially formulated inks that produce thousands of color shades for truly professional output.

Product features:

Media sizes:
ISO A4, ANSI A

Media:
Cutsheet paper, Z-fold paper, single
sheet transparency film

Print cartridges:
Disposable

Colors:
1000's of color shades depending on
software support

Graphics resolution:
180 × 180 dpi

Speed:
167 characters per second at 10 pitch
200 characters per second at 12 pitch
30–40 seconds per typical page of text
Full-page color graphics, 4 minutes
or less on paper, 8 minutes or less
on transparency film

Data sheet number:
5954-8752



HP SketchPro Graphics Tablet

HP's SketchPro small-format graphics tablet is designed especially for your personal PC CAD system. SketchPro is used for quick menu selection, rapid cursor movements, tracing, and drawing. And the SketchPro tablet comes with everything you need right in the box — including HP quality and reliability!

Product features:

Active area:
278 × 278 mm (11 × 11 in.)

Proximity:
2.5 mm (0.1 in.)

Accuracy:
±0.5 mm (0.02 in.)

Repeatability:
±0.25 mm (0.01 in.)

Resolution:
480 lines per cm (1219 lines per in.)

Data sheet number:
5954-8839

HP Pen Plotter Comparison Guide

HP Model	Pens	Pen types	Media sizes	Media types	Media load methods	Interfaces
<i>DraftMaster II</i> (HP 7596A)	8 in carousel	Fiber-tip (paper and transparency), Liquid-ink (refillable and disposable), Roller-ball	A4/A through A0/E inclusive, 24" and 36" rolls	Paper (regular* and glossy), Transparency film, Double-matte polyester film*, Vellum*, Tracing bond	Automatic roll feed for all media types except tracing bond and transparency film. Manual sheet loading for all media types.	RS-232-C/ CCITT V.24 RS-422-A and HP-IB IEEE-488
<i>DraftMaster I</i> (HP 7595A)	8 in carousel	Fiber-tip (paper and transparency), Liquid-ink (refillable and disposable), Roller-ball	A4/A through A0/E inclusive	Paper (regular and glossy), Transparency film, Double-matte polyester film, Vellum, Tracing bond	Manual sheet loading for all media types.	RS-232-C/ CCITT V.24 RS-422-A and HP-IB IEEE-488
<i>DraftPro</i> (HP 7570A)	8 in carousel	Fiber-tip (paper), Liquid-ink (refillable and disposable)	A2/C, A1/D	Paper (regular), Double-matte polyester film, Vellum	Manual sheet loading for all media types.	RS-232-C/ CCITT V.24 or HP-IB IEEE-488
<i>HP 7550A</i>	8 in carousel	Fiber-tip (paper and transparency), Liquid-ink (refillable and disposable), Roller-ball	A4/A, A3/B	Paper (regular and glossy), Transparency film, Double-matte polyester film, Vellum	Automatic sheet feed for paper and transparency film. Manual sheet loading for all media types.	RS-232-C/ CCITT V.24 and HP-IB IEEE-488
<i>HP 7475A</i>	6 in carousel	Fiber-tip (paper and transparency), Refillable short-body liquid-ink	A4/A, A3/B	Paper (regular and glossy), Transparency film, Double-matte polyester film	Manual sheet loading for all media types.	RS-232-C/ CCITT V.24 or HP-IB IEEE-488

*Also available in rolls.



Quality you can count on.

HP has represented quality in the electronics industry for nearly half a century, including 31 years in graphics and 20 years in digital plotters.

At HP quality is not just a concept, it's a commitment our customers have come to rely on. Take the HP 7475 pen plotter for example — the readers of PC World magazine have voted the HP 7475 "Plotter of the Year" for four consecutive years!

And that quality commitment extends beyond the product itself. From programming guides, to documentation, to packaging techniques, HP has received awards of excellence throughout the years.

Reliability you can trust.

At HP we take every possible step to assure a sound and trouble-free product — before it gets to you. From designing to manufacturing

to packaging, reliability is a prime concern. HP products undergo rigorous tests of performance, reliability, and safety, including mechanical and electrical abuse, shock, vibration, and extreme temperature cycling. All this testing before the product goes out the door is your assurance of reliability under routine operating conditions. Extensive testing means you get low maintenance costs and products that are guaranteed to perform as specified.

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With more than 375 sales and service facilities in 76 countries world-wide, HP will supply information or repair service when and where you need it.

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In addition to a standard product warranty, HP offers a variety of on-site service plans. And most HP products have built-in self-tests to help isolate problems quickly.

Depend on HP!

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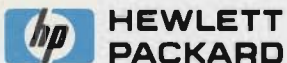
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Whatever you need to do your job — plotters, printers, or graphics tablets — Hewlett-Packard has a wide range of peripherals from which to select. And when you choose a Hewlett-Packard product, you can be sure of the very best in quality, reliability, service, and support.



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