



## *The Model 1200*

### technical specifications



- Plotting speeds up to 5 inches per second.
- 200 and 400 dot per inch resolution.
- Standard Versatec interface.
- Energy level selection allowing high quality plots on a broad range of media.
- Rugged industrial design, only 3 moving parts.
- No preventative maintenance required.
- Low cost of operation.

**The Model 1200** is a high speed, narrow format, industrial grade direct thermal raster plotter designed for the hardcopy output needs in geophysical and geological plotting, computer aided design (CAD) , electronic document retrieval (EDMS), and industrial and medical applications.

The **Model 1200** series offers 12 inch wide, continuous, slaved plotting at variable speeds from zero to five inches per second. Available in two versions, **Model 1200H** is 400x00 dpi resolution and **Model 1200R** is 200x200 dpi resolution. The **Model 1200** series is designed to plot even dense area fills at full 5 inch per second throughput speeds. Each model is available in wall mount or tabletop configuration.

In addition to fast processing and high volume throughput, **Model 1200** employs proprietary dot

history compensation algorithms to produce exceptional plot quality at top speed, regardless of plot density and length.

The plotter has a standard Versatec parallel interface. Other vector to raster interfaces are also available. The standard Versatec Greensheet and V-80 compatible interface allows high speed data transfer and continuous, slaved plotter operation. Irregular, interrupted data transmissions or data bursts will not effect the continuity or quality of the plot. **The Model 1200 series is an ideal replacement for the Versatec V-80 electrostatic plotter.**

**Cost of ownership is significantly less than comparable size electrostatic units, and unlike electrostatics, there are no environmentally harmful toners requiring special handling and disposal. Model 100**

### **Atlantek Model 1200 Series Thermal Plotter Specifications:**

#### **Plot Speed:**

Model 1200H: Up to 2 inches per second

Model 1200R: Up to 5 inches per second

(Speeds are media and host dependent).

#### **Resolution:**

Model 1200H 400 dots per inch

Model 1200R 200 dots per inch

#### **Plot Width:**

11.68 inches

#### **Dot Size:**

2.5 mil centers (400 dpi)

5.0 mil centers (200 dpi)

#### **Plot data/line:**

292 bytes (200 dpi)

588 bytes (400 dpi)

#### **Media Width**

12 inches

#### **Configuration:**

Roll

#### **Capacity:**

200 feet

#### **Media Types:**

Draft, report and premium grade paper, vellum and clear film

#### **Plotter Size:**

Model 1200H and 1200R:

#### **Weight:**

80 lbs.

#### **Configurations:**

Wall or Table mount

#### **Power:**

600W peak, 75W standby

#### **Options:**

Audible out of paper alarm, TurboCard HP-GL to Versatec high speed driver/interface for PC XT 386 and 486, MacPlot NuBus card.

**Technology:**

Direct Thermal Imaging (no toner)

**Interface:**

Versatec, differential or TTL, Greensheet protocol and V-80 compatible.

**I/O Connector:**

37 pin D male connector.

**Writing head configuration:**

Single row dot array

**Controls:**

Power on, on line/off line, self-test, counter reset (paper use), paper feed, energy level selection for various media types.

**Environment:**

Operating temp: 0 to 50 degrees C.

Stored temp: -20 to +70 degrees C.

Humidity: 20 to 90 percent, non-condensing

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## *The Model 2400*

### [technical specifications](#)



- Plotting speeds up to 4 inches per second
- 200 and 400 dot per inch resolution
- Standard Versatec interface
- Energy level selection allowing high quality plots on a broad range of media
- Rugged industrial design, only 3 moving parts
- No preventative maintenance required
- Low cost of operation

**The Model 2400** is a high speed, industrial grade direct thermal raster plotter designed for geophysical and geological plotting, computer aided design(CAD), and electronic document retrieval (EDMS) applications.

The **Model 2400** series offers **24** inch wide, continuous, slaved plotting at variable speeds from zero to four inches per second. The **Model 2400** is available in two ruggedized versions, each in wall mount, table top, or portable stand configuration. All versions offer either 200 *or* 400 dots per inch resolution.

In addition to fast processing and high volume throughput, **Model 2400** employs proprietary dot history compensation algorithms to produce exceptional plot quality at top speed, regardless of plot density and length. All models incorporate a special operating mode to accommodate irregular or interrupted data transfer bursts, and to facilitate plotting on a broad range of film or media.

The plotter has a standard Versatec parallel interface. Other vector to raster interfaces are also available. The standard Versatec Greensheet and V-80 compatible interface allows high speed data, transfer and continuous, slaved plotter operation.

**Cost of ownership is significantly less than comparable size electrostatic units, and unlike electrostatics, there are no environmentally harmful toners requiring special handling and disposal.** **Model 2400** utilizes direct imaging technology and compact ruggedized construction, providing high reliability with no routine maintenance.

#### **Atlantek Model 2400 Series Thermal Plotter Specifications:**

##### **Plot Speed:**

Model 2400R and RS: 200dpi/4 ips

Model 2400HR, and HRS: 400dpi/2 ips

##### **Model Versions:**

R: Wall mount or table top

RS: Portable stand mount on casters

H: Denotes 400 dpi resolution option.

##### **Plot Width:**

23.5 inches

##### **Dot Size:**

2.5 mil centers (400 dpi)

5.0 mil centers (200 dpi)

##### **Plot data/line:**

588 bytes (200 dpi)

1,176 bytes (400 dpi)

##### **Media Width**

24 inches

##### **Configuration:**

Roll

##### **Capacity:**

200 or 500 feet

##### **Media Types:**

Draft, report and premium grade paper, vellum and film

**Plotter Size:**

Model 2400R: 24.8H x 31.5W x 8.75 D

Model 2400RS: 58.3H x 31.5 W x 8.75D

**Weight:**

110 lbs.

**Configurations:**

Wall mount, table top, or portable stand

**Power:**

800W peak, 100W standby

**Voltage**

105 to 125 VRMS, 50/60 Hz and 200 to 250 VRMS, 50/60 Hz

**Options:**

Audible out of paper alarm, wall mount plate, automatic paper cutter and motorized media take-up rewinder.

**Technology:**

Direct Thermal Imaging (no toner)

**Interface:**

Versatec, differential or TTL, Greensheet protocol and V-80 compatible.

**I/O Connector:**

37 pin D male connector.

**Writing head configuration:**

Single row dot array

**Controls:**

Power on, on line/off line, self-test, counter reset (paper use), paper feed, energy level selection for various media types.

**Environment:**

Operating temp: 0 to 50 degrees C.

Stored temp: -20 to +70 degrees C.

Humidity: 20 to 90 percent, non-condensing

**Accessories:**

Owner's Manual and power cord.

**Warranty:**

One year covering defects in material and workmanship. Printhead and moving parts covered under normal use conditions. Repairs are on-site in selected locations.

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## *The Model 3600*

[technical specifications](#)





- Plotting speeds up to 2 inches per second
- 200 and 400 dot per inch resolution
- Standard Versatec interface
- Energy level selection allowing high quality plots on a broad range of media
- Rugged industrial design, only 3 moving parts
- No preventative maintenance required
- Low cost of operation

**The Model 3600** is a high speed, industrial grade direct thermal raster plotter designed for geophysical and geological plotting, computer aided design(CAD), and electronic document retrieval (EDMS) applications.

The **Model 3600** series offers **36** inch wide, continuous, slaved plotting at variable speeds from zero to two inches per second. Available in two version, both portable stand configurations, **Model 3600P** with 200x200 dpi resolution and **Model 3600H** with 400x400 dpi resolution , user switchable to 200x200 dpi.

In addition to fast processing and high volume throughput, **Model 3600** employs proprietary dot history compensation algorithms to produce exceptional plot quality at top speed, regardless of plot density and length. All models incorporate a special operating mode to accommodate irregular or interrupted data transfer bursts, and to facilitate plotting on a broad range of film or media.

The plotter has a standard Versatec parallel interface. Other vector to raster interfaces are also available. The standard Versatec Greensheet and V-80 compatible interface allows high speed data, transfer and continuous, slaved plotter operation.

**Cost of ownership is significantly less than comparable size electrostatic units, and unlike electrostatics, there are no environmentally harmful toners requiring special handling and disposal. Model 3600** utilizes direct imaging technology and compact ruggedized construction, providing high reliability with no routine maintenance.

### **Atlantek Model 3600 Series Thermal Plotter Specifications:**

#### **Plot Speed:**

Models 3600P and 3600H:  
Up to 2 inches per second

#### **Resolution:**

Model 3600P: 200 dots per inch  
Model 3600H: 400 dots per inch, 200 dpi switchable.

#### **Plot Width:**

35.52 inches

#### **Dot Size:**

2.5 mil centers (400 dpi)  
5.0 mil centers (200 dpi)

#### **Plot data/line:**

880 bytes (200 dpi)  
1,776 bytes (400 dpi)

#### **Media Width**

36 inches

#### **Configuration:**

Roll

#### **Capacity:**

200 or 500 feet

#### **Media Types:**

Draft, report and premium grade paper, vellum and film

#### **Plotter Size:**

Model 3600P and 3600H:  
47.0 H x 45.0 W x 13.5 D

#### **Weight:**

130 lbs.

#### **Configurations:**

Portable stand with casters.

#### **Power:**

800W peak, 100W standby

#### **Voltage**

105 to 125 VRMS, 50/60 Hz and 200 to 250 VRMS, 50/60 Hz

#### **Options:**

Audible out of paper alarm, motorized media take-up rewinder.

#### **Technology:**

Direct Thermal Imaging (no toner)

#### **Interface:**

Versatec, differential or TTL, Greensheet protocol and V-80 compatible.

#### **I/O Connector:**

37 pin D male connector.

**Writing head configuration:**

Single row dot array

**Controls:**

Power on, on line/off line, self-test, counter reset (paper use), paper feed, energy level selection for various media types.

**Environment:**

Operating temp: 0 to 50 degrees C.

Stored temp: -20 to +70 degrees C.

Humidity: 20 to 90 percent, non-condensing

**Accessories:**

Owner's Manual and power cord.

**Warranty:**

One year covering defects in material and workmanship. Printhead and moving parts covered under normal use conditions. Repairs are on-site in selected locations.