



SP-200/SP-120 Plotter/Cutters

Specially designed for plotting and cutting pattern pieces, the SP-200 and SP-120 plotters are ideal for design centers and in-house design departments. SP-Series plotters are used to create, check or revise pattern pieces and nests, and plot component pieces and mini-markers. These plotters are compatible with Gerber AccuMark™ and AccuMark Silhouette™ systems.

With their high speed and accuracy in plotting and cutting pattern pieces that are right the first time, SP-Series plotters lower your production costs.



SP-200



SP-120

Quickly and accurately plot and cut pattern pieces.

SP-200: Accurate pattern plotter/cutter.

- Cuts pattern board (card), plastic or paper up to 0.5 mm (0.02 in).
- Optimizes media utilization in creating layouts when used with Gerber pattern design products.
- Tilttable flatbed table saves valuable floorspace.
- Features plot and cut speeds up to 30 cm/second (12 ips).
- Touch-sensitive operator control panel for ease of use.
- Microprocessor with local memory for improved speed and total system throughput.
- Water-based 0.3 mm ballpoint pens available for plotting on paper or pattern board.
- Includes two height-adjustable cutting tools with supersteel blades, 0.9 mm paper, 1.5 mm pattern board.
- Self-restoring vinyl cutting surface.
- Electrostatic media hold-down for quiet, efficient positioning of patterns.
- Automatic power-up self test features.
- Built-in diagnostic utilities.

SP-120: Compact stand-up plotter for design and sample pattern applications.

- Plot or cut paper patterns on a single machine without manually changing tools.
- Uses continuous roll paper to plot and cut pattern pieces and nests.
- Plots and cuts at speeds up to 60 cm/second.
- Wide plot/cut width of 120 cm (48 in).
- Compact size requires minimal floorspace.
- Catch basket collects cut off paper for added convenience.
- Frees designers from tedious, repetitive and time-consuming cutting tasks, allowing them to concentrate on design functions.
- User interface graphic type LCD (240 x 128 dpi), supporting 10 languages.
- 32-bit CPU with 2 MB local memory for improved speed and total system throughput.
- Two mounted tools for added convenience: roller ball pen and height-adjustable 0.9 mm knife.
- Variable width paper support for added versatility.
- Seamlessly integrates with AccuMark.



SP-120 catch basket collects cut paper for added convenience.

SP-200/SP-120

Available Option



0.3 mm water-based fiber-tip pens

Technical Specifications

SP-200

System Components

Interface	Standard RS-232C (serial cable included)	
Emulation	HPGL	
Media		
Maximum Media Width	1010 mm	39.4 in
Maximum Cutting Area	920 x 1740 mm	36.22 x 68.5 in
Paper Roll Outer Diameter	Up to 165 mm	Up to 6.5 in
Paper Roll Inner Diameter	76 mm	3 in
Paper Roll Maximum Width Supported	914 mm	36 in
AccuMark Software	AccuMark Accel v7.6 or higher	

System Dimensions and Requirements

Floor Space Requirements	No Tilt	Approx. 2068 mm x 1285 mm	81 x 50.6 in
(access clearance must be provided around the unit for paper loading and maintenance)			
	60° Tilt	2068 mm x 837 mm	81 x 33 in
Weight (including stand & basket)		Approx. 80 kg	177 lbs
Power Requirements		115/230 VAC +/-10% single phase at 47-63 Hz	
Power Consumption		160 VA	

Operating Environment

Temperature	10°-35° C	50°-95° F
Humidity	35-75% (non-condensing)	

SP-120

System Components

Interface	Standard RS-232C (serial cable included)	
WinPlot Supported File Types	GEN, DXF, NC, HPGL	
Maximum Cutting Speed	60 cm/second	23.5 in/second
Maximum Acceleration	13.9 m/s ² 45° direction	45.6 ft/s ² 45° direction

Paper

Mountable Roll Media	Width	Min. 594 mm Max. 1220 mm	Min. 23.4 in Max. 48 in
	Weight	Max. 20 kg	Max. 44.1 lbs
	Core Inside diameter	76 mm	3 in
	Max. Outside diameter	200 mm	7.87 in
Media Types	Fine quality (bond) paper for apparel patterns 64 to 130 g/m ² 35 lb bond		

AccuMark Compatibility AccuMark version 8.1.2 or higher

System Dimensions and Requirements

Dimensions (W x D x H)	Approx. 1575 x 1200 x 1250 mm	62 x 47 x 49 in
Weight (including stand & basket)	Approx. 46 kg	101 lbs
Power Requirements	Rated power supply 100 to 200 VAC, 200 to 240 VAC, 50/60 Hz	
Power Consumption	Approx. 120 VA	

Operating Environment

Temperature	10°-30° C	50°-86° F
Humidity	35-75% RH (non-condensing)	
Conditions for Precision	18°-28° C, 40-65% RH non-condensing	64°-82° F, 40-65% RH non-condensing

NOTE: Configurations vary according to options selected. Specifications are subject to change without notice.

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