PLOTTER TECHNOLOGY

ULTRA HIGH SPEED MARKER PLOTTER RANGE

Neon 2000 - Accepts various paper widths from 36″ (91 cm) to 75″ (195 cm)
Neon 2200 - Accepts various paper widths from 36″ (91 cm) to 86″ (220 cm)

Ultra High Speed Marker Plotter designed to meet all sectors of the Sewn Goods Industry: - Apparel, Furniture and Automotive. To provide swift transfer of Marker images to paper at high speed and low operating costs. An up-grade to the highly successful **Neon II**, the **Neon 2000** has evolved which provides the **Lowest Running cost solution for Marker Production** and with the New Optional Ink Out detection system ensures that time is not wasted for the re-plotting of the Complete Marker.

Products with Proven Worldwide Quality & Reliability

Technical Specifications

Models	Neon 2000	Neon 2200
Type	72″ (183cm)	86″ (220cm)
Roll Feed & Take-up	Yes	Yes
Paper Width Max	75″ (191cm)	86.5″ (220cm)
Paper Width Min	35.5″ (90cm)	35.5″ (90cm)
Variable Paper Sizes	36″ to 75″	36″ to 86″
Plot Width Max	75″ (191cm)	86″ (220cm)
Paper Roll Dia. Max	8.5″ (21cm)	8.5″ (21cm)
Length @ 60gsm	550Yds (600m)	550Yds (600m)
Speed Max	113cm/s (80Axis)	113cm/s (80Axis)
Overall Dims. Inc. Stand	230 x 57 X 102cm	1250 x 57 X 102cm
Shipping Weight	187lbs (85Kgs)	227lbs (103Kgs)

General Specifications for all Neon Models

Frame Length	Up to 40″ (102cm) recommended 30″ (76cm)
Frame Misalignment	1/16″ (1.5mm) Max.
Addressable Resolution	0.025mm
Accuracy	0.1% (User Calibration to 0.01% possible)
Repeatability	0.1mm within 1metre Frame (dependant on Paper Type)
Pen Type	Biro, Bic Type, H.P., Pentel R50 and others
Paper Type	50 to 100gsm
Paper Core Size	3″ (76.2mm)
Input Voltage	100-120/200-240 Volts @ 50-60Hz
Language	HP - GL, DM - PL and AP300 Gerber
Power	100 VA Max.
Operating Temp.	0 - 40 Degree (32 - 104F)
Operating Humidity	35% - 80% non-condesnig
Optional	Ink-Out Detection System

**Gerber recognised trademark

ULTRA FAST & SIMPLE
Breakthrough performance provides Extremely High throughput. Illuminated Keypad Controls guide the User. Simple Paper path for quick & easy paper loading. Completed lays are automatically wound onto a take-up Bar for easy removal to the Marking/Cutting Table.

INTELLIGENT & EFFICIENT
An Optional Optical Sensor provides valuable Warnings of any interruption to Plotting such as Pen out of Ink or a Paper Jam. Part of the Marker can then be efficiently re-plotted should the Ink have run out during Plotting. Plot efficiently on Textile Papers including Brown Paper of various widths.

AFFORDABLE
Use of a wide selection of Pens from dedicated Plotter Pens to Standard Writing Pens which provide the Lowest Running Cost and easy to obtain solution.

HIGH QUALITY & LONG TERM
Manufactured from High Quality Components ensure reliable 24 hour Marker Production. Durable Alloy encased Construction for a long life. Carriage Docking Connector available as standard for future enhancements.

COMPACT
Designed to use the minimal amount of floor space and can even be operated flush against the Wall.

FREE FILE CONVERSION SOFTWARE
Our 'Show-It & Plot-It' File Conversion Software is supplied free with each Unit and enables files from many different Programs & 'Closed Systems' to be plotted direct or via the Internet.

COMPATIBLE
With all Leading Marker & Grading Software.

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