

GERBER P2C™ PLOTTERS

THREE DISTINCT
FORMATS

INTEGRATED OPTICAL
POSITIONING
SYSTEM

PLUG-AND-PLAY
DESIGN



The GERBER P2C series is a feature-packed, fully automated plotter line that enables sign and graphics professionals to create computer-generated designs on cut sheet or roll vinyl. The high quality, simple to use P2C plotter series showcases three distinct formats: the P2C 600 (24"), P2C 1200 (48"), and P2C 1600s (62"). All P2C plotters feature a user-friendly keypad and an easy to load material system, allowing fast job setups. And with cutting speeds of up to 55 inches per second and flawless tracking over long jobs, P2C delivers one of the fastest production times in the industry.

STANDARD FEATURES

The GERBER P2C 600 (24") offers a convenient format, intuitive user interface, great tracking and speed—all at an extremely affordable price. The GERBER P2C 1200 (48") is similar in format to the GERBER P2C 600, but also integrates a state-of-the-art Optical Positioning System (OPOS) for the automatic, precision cutting of pre-printed graphics. The GERBER P2C 1600s (62") is one of the industry's largest vinyl cutters and is intelligently designed to meet the demands of wider media. The P2C 1600s also includes a user-friendly touch screen interface as well as the latest, most advanced version of OPOS, OPOS X. These features allow for unsurpassed target detection and enable pinpoint-precise cutting of wide-format pre-printed graphics with more versatility than ever before.

Integrating a P2C plotter is a snap thanks to common connectivity including USB and serial port as well as plug-and-play compatibility with Windows® 98, Windows 2000, and

Windows XP software. Cut vinyl jobs can be sent using

GERBER's OMEGA™ design production software or various third-party software programs. Pre-printed jobs can be contour cut* by simply loading the printed material and initializing the Optical Positioning System (P2C 1200 and 1600s models only).

OPOS alignment is performed by scanning registration marks on printed images. The OPOS target sensor resides on the plotter's carriage and sequentially scans each mark. The plotter then internally processes these locations and repositions the plot data to adjust for any position and rotation of the graphic. Additional on-board intelligence automatically compensates for scale variations by dynamically re-scaling the original plot data. The end result is a highly automated and accurate means of contour cutting printed vinyl graphics.

GERBER P2C plotters offer efficient cutting

of a wide range of materials and are also fully capable of pen plotting and pouncing.

* Depending on the printer used, specific software may be required to integrate targets and cut data.

Windows is a registered trademark of Microsoft Corporation.

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SPECIFICATIONS

TECHNICAL INFORMATION

MACHINE DESCRIPTION	P2C 600	P2C 1200	P2C1600s
WIDTH	24" (0.61 m)	48 (1.22 m)	63 (1.6 m)
DIMENSIONS	29" (w) x 41.3" (h) x 26.75" (d)	41.2" (w) x 62.2" (h) x 26.9" (d)	89" (w) x 74" (h) x 44" (d)
WEIGHT	52 lbs (23.6 kg)	114 lbs (51.7 kg)	155 lbs (70.3 kg)
SPEED	Up to 44" per second	Up to 44" per second	Up to 55" per second
ACCELERATION	Up to 3 g diagonal	Up to 3 g diagonal	Up to 5.5 g diagonal
KNIFE PRESSURE	0–400 grams in 5 gram increments	0–400 grams in 5 gram increments	0–400 grams in 5 gram increments
BUFFER SIZE	2 MB	2 MB	16 MB
INTERFACE	USB or Serial RS-232C	USB or Serial RS-232C	USB or Serial RS-232C
CUTTING SIZE			
WIDTH	23.6"/60 cm	47.2"/120 cm	62.2"/158 cm
MEDIA	Roll: 2.7" to 26" (7 cm to 66 cm) Sheet: 2.7" to 30.5" (7 cm to 77.5 cm)	Roll: 4.7" to 48" (12 cm to 122 cm) Sheet: 4.7" to 50" (12 cm to 127 cm)	Roll: 6.7" to 66" (17 cm to 167.5 cm)
ENVIRONMENT REQUIREMENTS			
POWER RANGE	100–240 VAC 48–62 Hz, 85 VA max	100–240 VAC 48–62 Hz, 85 VA max	100–240 VAC 48–62 Hz, 85 VA max
OPERATING TEMPERATURE	40–95° F 5–35° C	40–95° F 5–35° C	40–95° F 5–35° C
OPERATING HUMIDITY	35–80% RH (not condensing)	35–80% RH (not condensing)	35–80% RH (not condensing)
OTHER FEATURES	Optional stand with baskets Large control panel Four cutting modes Integrated media & roll end flanges	Stand with baskets Large control panel Four cutting modes Integrated media & roll end flanges	Stand with baskets Touch-screen control panel Four cutting modes Integrated media & roll end flanges Variable pinch rollers Dual cutting strips Enhanced OPOS alignment Auto cut-off knife Offset media rollers
WARRANTY	Two years	Two years	Three years



NOTE: When using a GERBER P2C Plotter (1200 or 1600) in conjunction with any model GERBER EDGE® or GERBER MAXX™, the effective print area is reduced from 11.8" to 11.08" and 34" to 33.22" respectively due to the positioning of the OPOS targets.

10/05 Specifications are subject to change without notification. P78151A
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