

# Gerber P2C™ Plotters Site Requirements

Dear Gerber P2C Plotter Customer,

Thank you for purchasing a Gerber P2C 600, 1200, or 1600 plotter.

The information in this document is extremely important because it specifies the requirements your facility must meet in order to properly install the Gerber P2C plotter. It is also important that you complete the Site Preparation Checklist (the last page of this document) and return it to Gerber Service so that they can schedule the installation of your Gerber P2C plotter. Please carefully review the information in this document and checklist so that when your Gerber P2C plotter arrives, the installation will go smoothly and you can start printing jobs quickly and efficiently. You must review and complete the following items described in this document to prepare your site for the Gerber P2C plotter:

- ◆ Computer requirements
- ◆ Connection requirements
- ◆ Customer-supplied requirements
- ◆ Power requirements
- ◆ Work area requirements
- ◆ Environmental requirements
- ◆ Shipping weight and clearance requirements
- ◆ Receiving and unloading the Gerber P2C plotter
- ◆ Inspecting the shipment for damage
- ◆ Complete and return the Site Preparation Checklist

## Computer requirements

You can output jobs to the Gerber P2C plotters using GERBER OMEGA or other compatible graphics software.

These requirements are minimums for OMEGA CP or CS; for best results, Gerber recommends you to use the largest hard disk and most RAM possible. System operations such as redraw and rendering speeds improve significantly as the computer hardware exceeds the minimum requirements listed below. More free space allows you to work with larger image files and gives more room to store existing jobs. Faster computers and more RAM can save significant time during the day as you use GERBER OMEGA.



*The Gerber P2C plotters can be connected to your computer using USB, serial, or parallel (P2C 1600 only) cables/ports. Depending on your chosen configuration, your computer requirements for the number of available ports may differ. See “Connection requirements” on page 2 for detailed information.*

- ◆ Microsoft® Windows® 98, XP, or 2000
- ◆ OMEGA CP or OMEGA CS
- ◆ Pentium™ 750 MHz or higher processor
- ◆ 256 MB RAM (minimum requirement, more RAM is highly recommended)
- ◆ 40 GB hard drive
- ◆ 500 MB of free hard disk space for output file creation
- ◆ CD ROM drive
- ◆ 1 or 2 parallel ports (25 pin female connector): 1 for possible Gerber P2C plotter cable (for Gerber P2C 1600 only) and/or 1 for other printers including paper printers or the GERBER EDGE®
- ◆ 1 or 2 USB ports: 1 required for OMEGA security key and 1 for possible Gerber P2C plotter cable
- ◆ 1 or 2 serial ports (9 pin): 1 for routers and/or 1 for possible Gerber P2C plotter cable
- ◆ SVGA color monitor (800 x 600 or higher resolution with more than 256 colors is highly recommended)
- ◆ Microsoft-compatible PS/2 style bus mouse (not a serial mouse)

## Connection requirements

The Gerber P2C plotters include a selection of interface cables are compatible with the following interfaces:

Interface	Gerber P2C 600	Gerber P2C 1200	Gerber P2C 1600
Serial RS-232C	X	X	X
USB 1.1	X	X	X
Centronics Parallel			X

## Customer-supplied requirements

Before the Gerber P2C arrives, you will need to acquire the following items:

- ◆ A forklift to move the Gerber P2C 1600 (which weighs 220 lbs/100 kg) off the truck or into your facility if you do not have a pallet jack. See “Receiving and unloading the Gerber P2C” for more information.
- ◆ Two people to assemble the stand of the Gerber P2C plotter.
- ◆ Two or more lift the Gerber P2C plotter onto the stand.
- ◆ Two people to move the assembled Gerber P2C 1200 or 1600 plotter.

## ☑ Power requirements

The Gerber P2C series of plotters require standard power.

- ◆ Voltage: 100 to 120 V AC or 220 to 240 V AC
- ◆ Frequency: 48/62 Hz , single phase
- ◆ 85 VA maximum

## ☑ Work area requirements

The Gerber P2C plotters require ample room to load and unload material. Provide additional space in the room for storing rolls of material. Material should not be stored on the floor.

P2C Model	Assembled Size	Weight
P2C 600	39.4" long x 13.8" wide x 11.8" high 100 cm x 35 cm x 30 cm	33 lbs. 15 kg
P2C 1200 with stand	62.6" long x 26.9" wide x 41.3" high 159 cm x 68.2 cm x 105 cm	92 lbs. 42 kg
P2C 1600 with stand	89" long x 29" wide x 40" high 226 cm x 74 cm x 101 cm	198 lbs. 90.2 kg

## ☑ Environmental requirements

The room in which the Gerber P2C plotter is installed should be relatively clean – the type of environment in which you could paint – without the dust and dirt created by routing or sandblasting.

Gerber recommends setting up in an air-conditioned environment in order to maintain constant temperature and humidity. Be sure to allow the equipment and material to reach and remain at room temperature for 24 hours before cutting. The ambient environment should meet the following conditions:

Recommended working environment

- ◆ Temperature: 40°F to 95°F / 5°C to 35°C
- ◆ Humidity: 35% to 80%, non-condensing

## Shipping weight and clearance requirements

See the following chart for boxed specifications for the Gerber P2C plotters.

Item	Boxed Size	Weight
Gerber P2C 600	44.5" long x 18.5" wide x 18.5" high 113 cm x 47 cm x 47 cm	52 lbs 24 kg
Gerber P2C 600 optional stand	37" long x 6" wide x 8.5" high 93 cm x 24 cm x 36 cm	35 lbs 16 kg
Gerber P2C 1200	68.5" long x 18.5" wide x 25.5" high 174 cm x 47 cm x 65 cm	114 lbs 62 kg
Gerber P2C 1600	93" long x 28" wide x 22.5" high 236 cm x 71 cm x 57 cm	220.5 lbs 100 kg

You must have enough room to maneuver the packed Gerber P2C plotter to its final location where you can unpack and assemble it. Corridor and doorway clearance requires a minimum of 30" (76.2 cm). Because of the weight of the Gerber P2C 1600, it must be moved using a pallet jack or forklift, which may require additional clearance requirements. Alternately, you can assemble the Gerber P2C 1200 or 1600 and then wheel it to its final location.

When unpacked, the Gerber P2C 1200 or 1600 can be moved easily on its wheels by several people. Corridor and doorway clearance must be a minimum of 30" (76.2 cm). Please measure the corridor and doorway clearances. If the clearances are less than 30" (76.2 cm) or you plan on placing the Gerber P2C 1200 or 1600 plotter on a different floor than where it will be delivered, you may need a professional rigger to provide assistance with the equipment. **Please call Gerber Service prior to delivery to alert them of any special circumstances.**

## Receiving and unloading the Gerber P2C plotters

When you complete and return the Site Preparation Checklist (located at the end of this document), Gerber Service will verify the information.

When the Gerber P2C plotter arrives at your facility, it is your responsibility to take it off the truck. If you receiving a Gerber P2C 1600 and do not have a loading dock, you will need a forklift capable of lifting 220 lbs. (100 kg). If you have a loading dock, you can remove the Gerber P2C boxes from the truck using either a forklift or a pallet jack. If there is no forklift or loading dock, please request lift gate delivery service when placing your order.

You must have a doorway opening of at least 30" (76.2 cm) to bring the packaged Gerber P2C plotter into your facility. Do not leave it outside exposed to the elements.

Within several days after the arrival of the Gerber P2C plotter, an installer will install it. The installer (with your assistance) will unpack the printer, roll it to the operating location, plug it in, and connect it to your computer. The installer will also demonstrate how to load material and verify that the Gerber P2C plotter cuts properly.

## ☑ Inspecting the shipment for damage

The Gerber P2C plotter is shipped EXW or CPT, Boston, MA, USA, and you are responsible for obtaining insurance against any damage that may occur after it leaves our dock. Since the installer is familiar with the Gerber P2C and will unpack and install it for you, they will help you by checking for visible and concealed damage.

If the packaging shows visible evidence of damage when you first remove it from the truck, list and describe the damage on the delivery receipt and have it co-signed by the driver. Describe the damage in as much detail as possible. Immediately contact Gerber Customer Service (800-222-7446) and describe the damage.

Concealed damage is the most difficult type of claim to collect from the carrier and normally cannot be determined until the unpacking and installation sequence. The burden of proof is on you to prove the shipment suffered damage while in the carrier's possession. If the carrier holds a clear delivery receipt with no notation describing the damage and the shipment remains in your possession a long time, it may be more difficult to collect from the carrier. Time is of the utmost importance.

As the installer unpacks the Gerber P2C plotter, they will inspect everything for damage. If the installer discovers damage, they will stop unpacking and do nothing further to disturb the shipment. The installer will save all packaging and leave the damaged equipment exactly where it is, if possible. You should take photographs, if possible. You must telephone the carrier immediately and request an inspection when you report the damage. Make sure you write down the name of the person you talk to and immediately confirm the telephone conversation with a letter to that person. If the carrier does not make the inspection or waives inspection, you (and your distributor or installer, if available) should make the inspection and record all information to the best of your ability. All reports of concealed damage must be received by the carrier within 15 working days.

## Let's work together

Remember – if you do not have the proper computer configuration, electrical power, clearance, network data cable, and network addresses, your installer will not be able to complete the installation. In addition, if the Gerber P2C 1200 or 1600 is to be installed on a different floor, **please call Gerber Service prior to delivery to alert them of your special circumstances.**

Our goal is to have your system quickly and properly installed so that you can start using and enjoying the capabilities of your new Gerber P2C plotter. This document and checklist are designed to provide you with the requirements that must be completed prior to installation. However, we recognize that your business is unique and you may have questions regarding your site or fulfilling the requirements. Please ask Gerber for help.



Gerber Service: Phone: 800-828-5406 (USA and Canada) Fax: 860-871-3862  
Gerber Service International Phone: 860-644-6971  
Customer Service Phone: 800-222-7446 (USA and Canada) Fax: 800-227-6228  
Customer Service International Phone: 860-648-8167 Fax: 860-648-8064



e-mail: [gspservice@gspinc.com](mailto:gspservice@gspinc.com)



[www.gspinc.com](http://www.gspinc.com)

Again, thank you for purchasing the Gerber P2C plotter. We hope you have many happy and profitable years with this equipment, and we welcome your comments at any time.

Sincerely,

The Gerber P2C Plotter Team

## Gerber P2C™ Plotter Site Preparation Checklist

In order to expedite the scheduling of your Gerber P2C Plotter installation, please complete this checklist. Fax the completed checklist to Gerber at 860-871-3862. Once we receive the checklist, and your Gerber P2C Plotter has shipped, we will call you to schedule the installation.

Description	Complete
<p><b>Minimum computer configuration:</b> My computer meets the minimum requirements: System OS: Windows 98, 2000, or XP, CPU Intel® Pentium® processor 750 MHz or higher, 256 MB of RAM (1 GB recommended), Hard disk space 40 GB or more, Video Display 800 x 600 or higher with more than 256 colors, 1 or 2 USB ports (1 required for OMEGA security key), 1 or 2 parallel ports, 1 or 2 serial ports, and CD-ROM - 40X. <i>See details on page 2.</i></p>	<input type="checkbox"/>
<p><b>Connection requirements:</b> I will connect the Gerber P2C 600, 1200, or 1600 using a serial port/cable. I will connect the Gerber P2C 600, 1200, or 1600 using a USB port/cable. I will connect the Gerber P2C 1600 using a Centronics interface port/cable.</p>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<p><b>Power requirements:</b> I have supplied the following electrical service in the Gerber P2C operating location:</p> <ul style="list-style-type: none"> <li>• Single phase supply voltage: 100 to 120 VAC or 220 to 240 VAC</li> <li>• Frequency: 48/62 Hz ± 1Hz</li> <li>• 85 V A maximum</li> </ul>	<input type="checkbox"/>
<p><b>Weight and clearance requirements:</b> I do not have a loading dock, but I have a forklift to take the Gerber P2C 1600 off the carrier's truck, <b>or</b> I do not have a loading dock or forklift and I have requested lift gate delivery service and equipment necessary to move the Gerber P2C 1600 into my facility, <b>or</b> I have a loading dock and a forklift or pallet jack to take the Gerber P2C 1600 off the carrier's truck. The outside doorway into my facility is at least 30" (76.2 cm) wide. Interior corridors and doorways are at least 30" (76.2 cm) wide. If I need to turn a corner in the facility, the corridors and doorways are wide enough to accommodate a turning radius for:</p> <ul style="list-style-type: none"> <li>• Gerber P2C 1200 (26.9"/68.2 cm wide and 62.6"/159 cm long)</li> <li>• Gerber P2C 1600 (29"/74 cm wide and 89"/226 cm long).</li> </ul>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<p><b>Work area and environmental requirements:</b> I have sufficient work area and the floor or counter top is even. There is a clean area for storage of material. Material should not be stored on the floor. My facility meets the environmental and cleanliness requirements.</p>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Company name: \_\_\_\_\_

Company phone: \_\_\_\_\_