

GERBER SOLARA UV2™

Site Requirements

The information in this document is extremely important because it specifies the requirements a facility must meet in order to properly install the GERBER SOLARA UV2. It is also important that the Site Preparation Checklist (the last page of this document) is completed and returned to your Gerber Service local office so that they can schedule the installation.

Customer Name: _____

Shipping Address: _____

Phone: _____ **Fax:** _____

Contact Name(s): _____

Service Engineer: _____

Loading dock requirements

Upon meeting the customer, begin the pre-site inspection from the loading dock. Follow the path that will be used to bring the system from the loading dock to the proposed location. Answer the following questions and refer to the attached layout diagrams.

- ◆ Loading dock height (from ground to dock floor): _____
- ◆ Loading dock width: _____
- ◆ How will the system be removed from the delivery vehicle? _____
- ◆ Is a forklift available? Yes / No If Yes, does it have extended forks? Yes / No
- ◆ What is the narrowest doorway or aisle the system must pass through to get to its permanent location? _____
- ◆ Level the system will be installed on (Basement, 1st floor, 2nd floor, etc.): _____
- ◆ Method of movement to upper floors: _____ Elevator: _____
- ◆ Size and capacity of elevator: _____ Riggers: _____

The customer is responsible for providing appropriate equipment for unloading and moving the system into place. If a loading dock is not available, you must have a forklift with extended forks (8 ft/2.5 m) capable of unloading the system from the back of the delivery truck. If this equipment is not available or the system requires movement to an upper floor, Riggers or special equipment will be required. This is the responsibility of the customer.

☑ Power requirements

The GERBER SOLARA UV2 comes with an external Line Conditioner and Winding unit (used for roll-to-roll configuration). The Line Conditioner is needed to ensure constant and regulated power for the system. The printer's power cable must be plugged directly into the Line Conditioner for the printer to work correctly. Have a licensed electrician install the proper plug and/or receptacle before the printer arrives for installation at your facility.

Invensys Powerware 9120-2000i

- ◆ Voltage: 208-240 VAC/1640 W, single phase
- ◆ Frequency: 50/60 Hz
- ◆ Current: 7.5 Amps nominal (11.1 Amps peak)

Winding unit

- ◆ Voltage: 110/240VAC
- ◆ Frequency: 50/60 Hz

Domestic

The Line Conditioner's power cord comes with a NEMA 6-15P plug and requires the matching NEMA 6-15R receptacle. The Winder's power cord comes with a NEMA 5-15P plug.

International

The Line Conditioner and the Winder use the same type power cord. It comes with a European CEE 7/7 plug and requires the matching CEE 7 receptacle. These connectors can be changed to meet local standards.

☑ Operating requirements

The GERBER SOLARA UV2 should be installed in a relatively clean environment, free of the dust and dirt from routing or sandblasting for example. Gerber recommends setting up in an air-conditioned environment in order to maintain constant temperature and humidity.

Be sure to allow the equipment, inks and media to reach and remain at room temperature before printing. The ambient environment should meet the following conditions:

Operating and storage requirements for the GERBER SOLARA UV2 printer and inks

- ◆ **Temperature: 65°F to 85°F (18°C to 29°C), Variation within 4°F/2°C per hour**
- ◆ Humidity: 40% - 60%, non-condensing, *Variation within 5% per hour*
- ◆ Altitude: up to 8,000 ft (2,438 m)
- ◆ Ventilation: no special ventilation required
- ◆ Floor level: within ¼" (6 mm) from left side of printer to right side of printer
- ◆ Avoid using printer near open windows, outside doors, air-conditioners, or heating systems.
- ◆ Protect Printer and ink cartridges from moisture, dust, drafts and direct sunlight.

Shipping and clearance specifications

See the following list for **crated** specifications for the GERBER SOLARA UV2.

- ◆ Crated Width: 60" / 152cm
- ◆ Crated Length: 120" / 305cm
- ◆ Crated Height: 68" / 173cm
- ◆ Crated Weight: 1650 lbs. / 750 kg.

Work area requirements

The following chart describes the unpacked specifications for the GERBER SOLARA UV2 for both the Roll to Roll and Rigid Material configurations.

	<u>Roll to Roll</u>	<u>Rigid Material</u>
Width:	109" / 277cm	109" / 277cm
Length:	33" / 83cm	181" / 460cm
Height:	57" / 145cm	57" / 145cm
Weight:	650 lbs. / 295 kg.	820 lbs. / 372 kg.

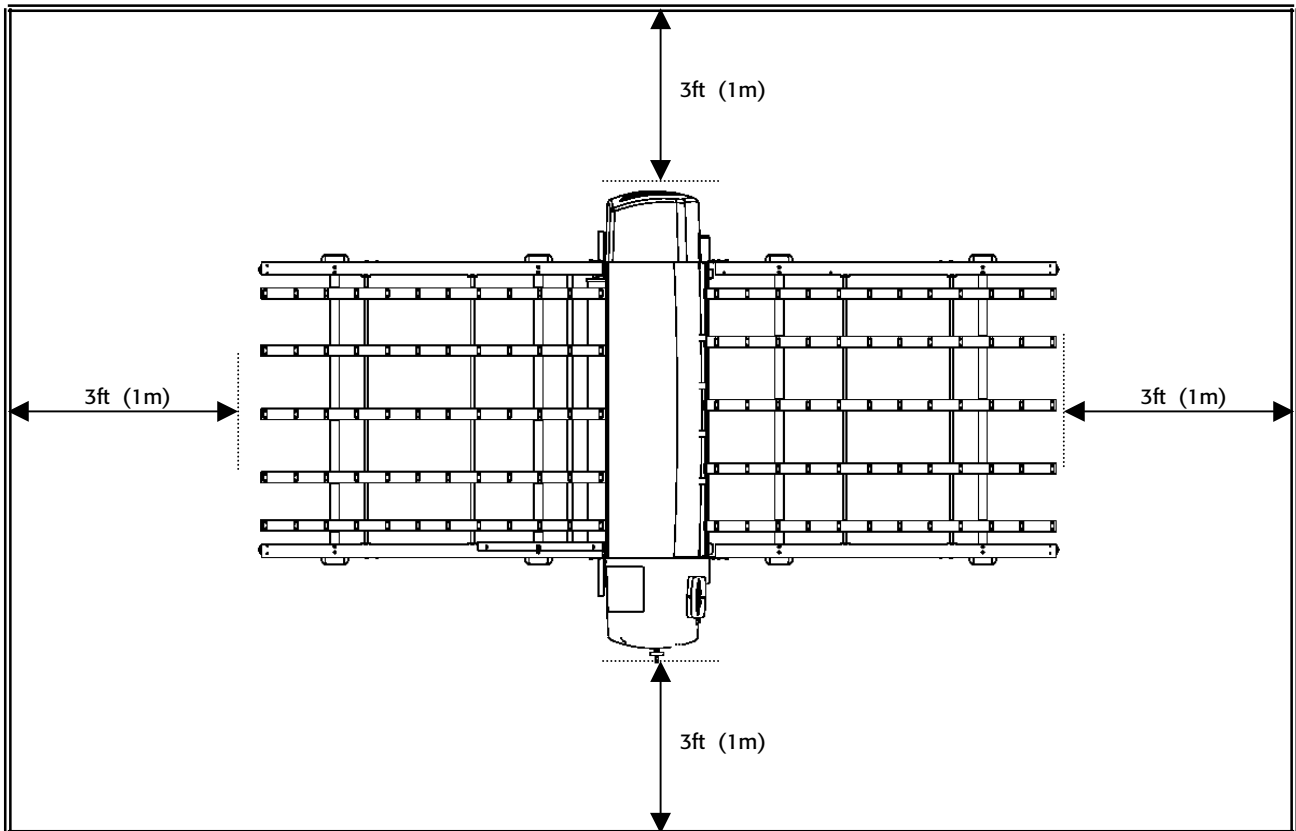
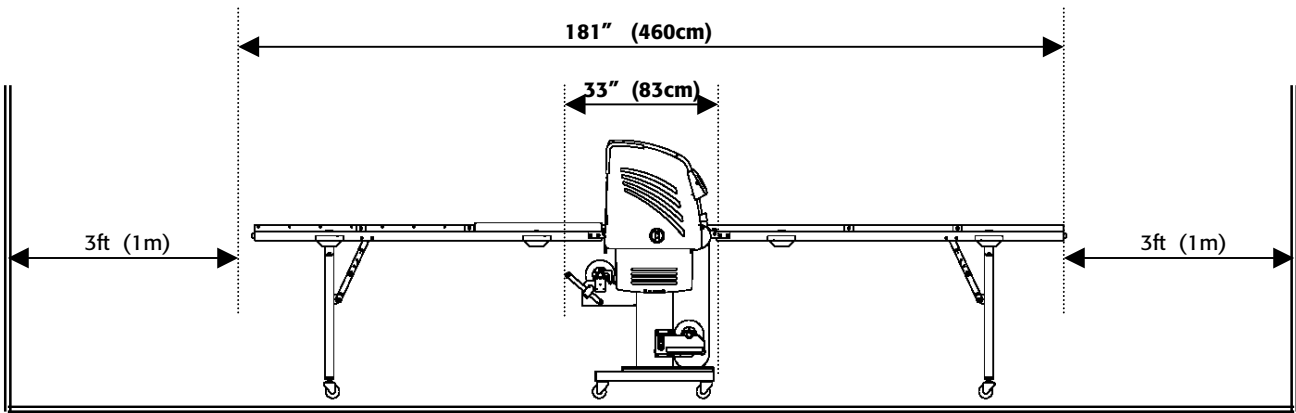
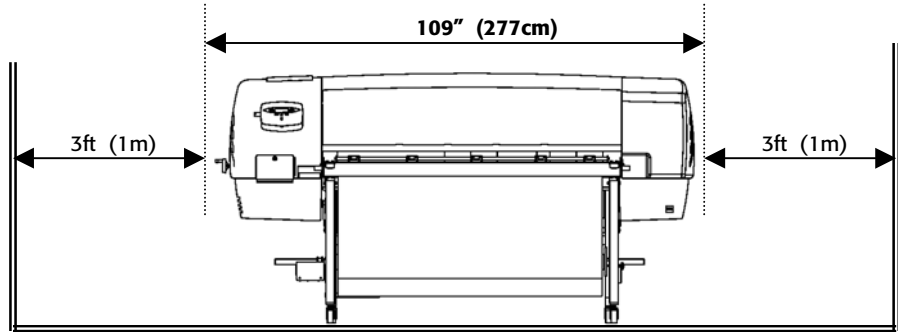
When selecting a location, Gerber recommends an additional boarder around the printer of at least 3 feet (1 m) for loading and maneuvering media and large prints. See attached layout diagrams for more information.

Plan additional space for storage of media and ink cassettes. Media should not be stored on the floor. Store media in original boxes to protect it from dust and debris. Ink cassettes should be stored out of direct sunlight and other lighting sources.

See "Operating requirements" for details.

GERBER SOLARA UV2 Layout diagrams

When selecting a location, Gerber recommends an additional boarder around the printer of at least 3 feet (1 m) for loading and maneuvering rolls of media and large prints. Plan additional space for storing rolls of media and ink cassettes.



GERBER SOLARA UV2™ Site Preparation Checklist

In order to expedite the scheduling of the GERBER SOLARA UV2 installation, please complete this checklist.

Description	Complete
<p>Power requirements for Invensys Powerware line conditioner: 208-240 VAC/1640 W, 50/60 Hz 7.5 Amps nominal (11.1 Amps peak) A licensed electrician will install the required receptacle prior to installation.</p>	<input type="checkbox"/> <input type="checkbox"/>
<p>Weight and clearance requirements: Does not have a loading dock but has a forklift with extended forks that are at least 8 ft/2.5 m to take the GERBER SOLARA UV2 (1,200 lbs./545 kg) off the carrier's truck, or Has a loading dock and a forklift or pallet jack with extended forks that are at least 8 ft/2.5 m to take the GERBER SOLARA UV2 (1,200 lbs./545 kg) off the carrier's truck, or Does not have a dock or a forklift, or extended forks that are at least 8 ft/2.5 m in length and will be hiring riggers to facilitate the delivery and installation of the GERBER SOLARA UV2. The outside doorway into the facility is at least 60" (153 cm) wide. Interior corridors and doorways are at least 33" (84 cm) wide. (Wider widths are needed for turning radius) The path from the loading dock to the printers permanent location is free and clear of obstructions. Business location/area. Residential location/area.</p>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<p>Work area and operating requirements: Has sufficient work area (3 ft/1 m clearance on all sides of the printer). The floor is level and free of debris. There is a clean area for storage of media. Media should not be stored on the floor. There is an enclosed storage area for ink cartridges that is out of direct sunlight or other lighting sources including fluorescent and halogen. Facility meets the environmental and cleanliness requirements. (Specifically temperature) Will store the shipping crate in its original condition for use during reshipment.</p>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Customer Name: _____

Title: _____ Date: _____

Company name: _____ Phone: _____

Service Engineer Name: _____

Signature: _____