ULTRA X6000
Customer Site Survey & Readiness Requirements

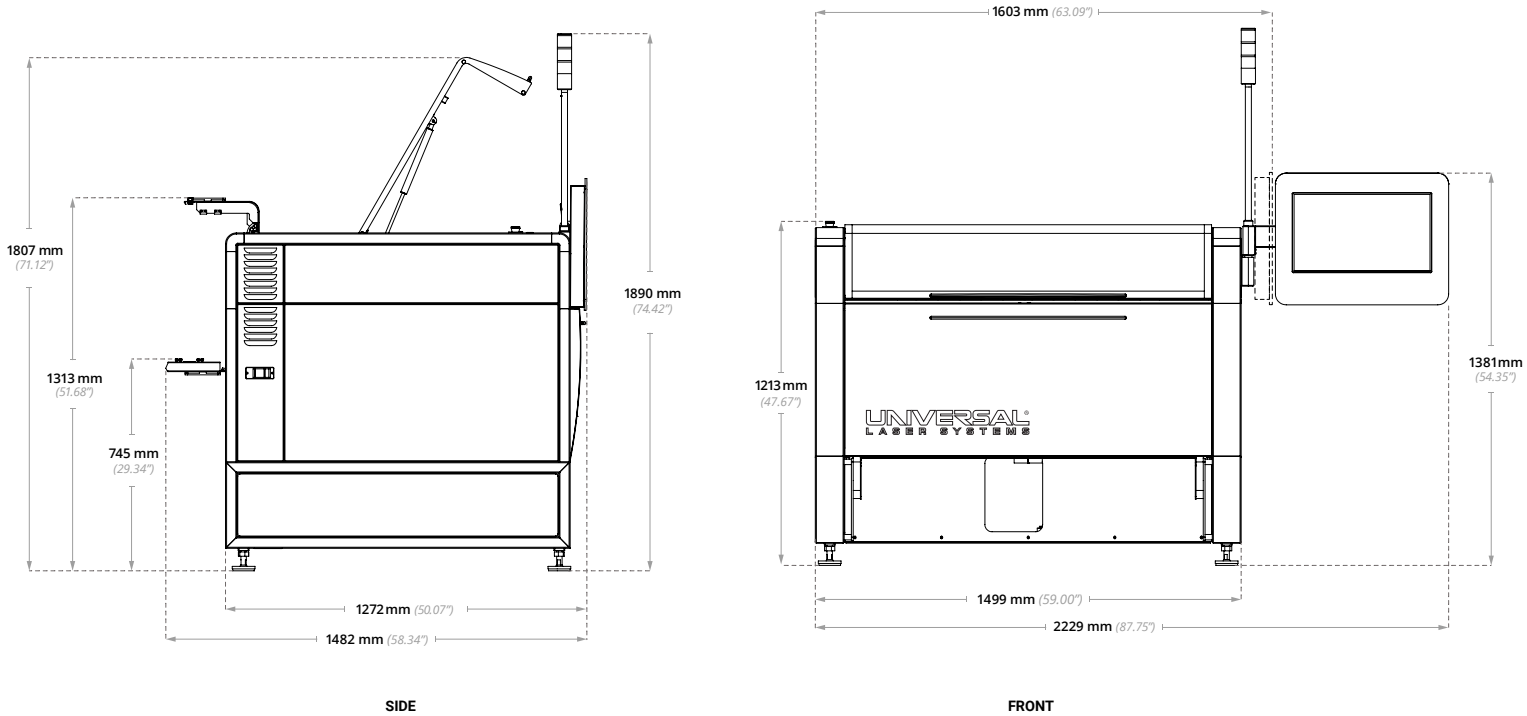
This document is intended to act as a guide to ensure that your facility is ready to accept your new laser system and to facilitate a seamless installation. This document provides a list of requirements that must be completed or verified prior to the installation of your laser system to avoid any delays during installation or additional charges.

This document must be fully completed, signed and returned to sitesurvey@ulsinc.com in order to schedule an installation date.

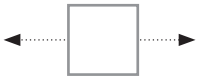
If you have any questions or concerns regarding this document, please contact us at sitesurvey@ulsinc.com or contact your ULS Representative.

PART A
Operational Considerations & Requirements

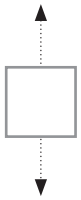
FLOOR SPACE UTILIZATION



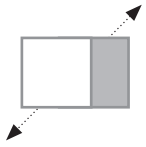
MINIMUM OF 2' (610 mm) CLEARANCE ON ALL SIDES OF THE SYSTEM.



Width: 87.75"
(2229 mm)



Height: 74.5"
(1893 mm)



Depth: 58.75"
(1493 mm)

ENVIRONMENTAL REQUIREMENT

The ULTRA X6000 system requires a well-ventilated environment with noncondensing humidity level between the temperatures of 50° F (10° C) to 95° F (35° C). An optimal temperature range of 73° F (22° C) to 77° F (25° C) is recommended for peak performance.

Does your facility meet this requirement? ☐ **YES** ☐ **NO**

If NO, provide date requirement will be met: _____

EXHAUST REQUIREMENT

An exhaust blower or air filtration system is required. The exhaust blower must be capable of moving at minimum 700 cubic feet per minute (CFM) of air at 6 inches of static pressure (1190 m³/hr. at 1.5 kPa) utilizing the 6 inch (152.4 mm) port on the back of the ULTRA X6000 system. When planning an exhaust system, it is essential to consider the length of hose needed to effectively connect the laser system to the exhaust system since pressure is lost over a long distance.

Does your facility meet this exhaust requirement? ☐ **YES** ☐ **NO**

If NO, provide date requirement will be met: _____

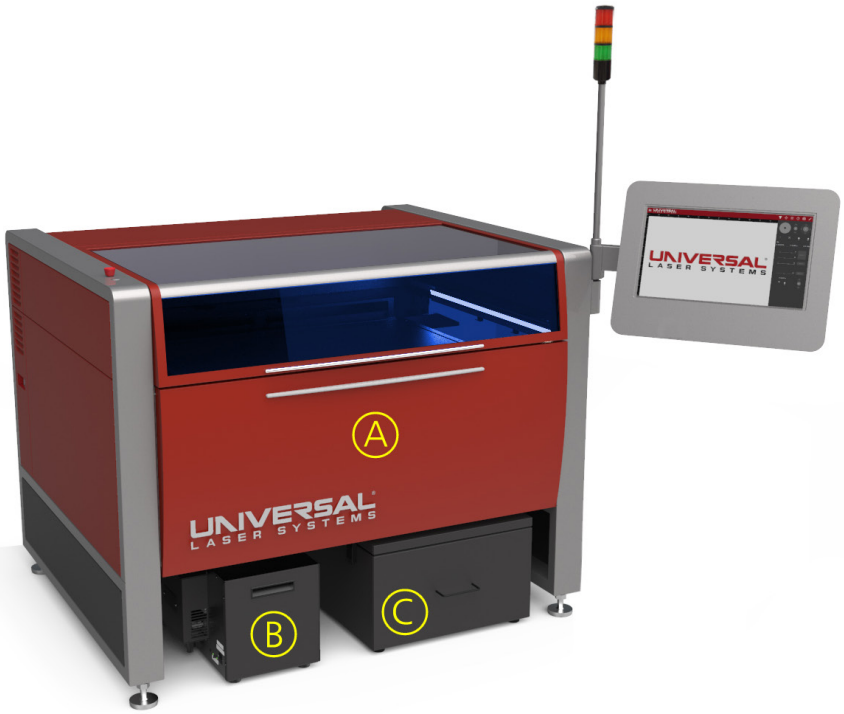
ADDITIONAL REQUIREMENTS (User Supplied)

- User must supply appropriate plugs for all 220VAC facility power receptacles (example L6-30 plug). A ULS service technician will connect the plug(s) to the equipment cable(s) during installation.
- A sufficient length of exhaust hose (6” / 153 mm width) to reach the system without tension.
- If shop air will be utilized, a regulator will be required. Air must be dry and oil-free at 50 psi max.
- If gas is to be used, a regulator will be required to supply gas at 100 psi max.
- Avoid placing the laser system under direct lighting, if possible. Glare from lighting can adversely affect camera registration results.

CLASS 4 SAFETY NOTICE

There are specific legal regulations that must be adhered to when operating in Class 4 mode. You must provide interlocked entrances and illuminated indicator signs outside the room, appoint and train a laser safety officer (LSO), and register your laser system with the appropriate agencies. If the Class 4 module was purchased, you must read the Class 4 Acknowledgement thoroughly, sign and return to ULS prior to receiving an installation date.

POWER REQUIREMENTS



A. ULTRA X6000 - 208/230V AC, 30A, 50/60Hz single-phase dedicated outlet.

B. ULS Compressed Air Source – 110VAC @10A or 220VAC @ 5A

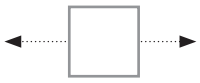
Please select 110VAC or 220VAC:

☐ 110VAC ☐ 220VAC

C. Vacuum Booster – 110VAC @ 10A or 220VAC @ 5A; auto-switching

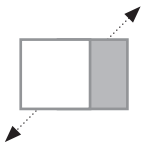
PART B
Installation Considerations

MINIMUM MEASUREMENTS (FOR MOVING THE SYSTEM)



Width: 60.5”
(1537 mm)

Height: 47.75”
(1213 mm)



Depth: 50.5”
(1283 mm)

CRATE SIZE AND WEIGHT

The ULTRA X6000 system will arrive in a crate with the dimensions of 74.5 x 74.5 x 64.625 inches (1893 x 1893 x 1642 mm) and will weigh more than 1,100 lbs. (500 kg). Please note on the following questionnaire if you have a receiving dock or if a lift gate will be required on the delivery truck.

A forklift with extensions is required to remove the ULTRA X6000 system from the crate and move it through your facilities. If a forklift is not available, you must contract a rigging company to remove and relocate the laser system.

SYSTEM RECEIVING

1. Will a rigging company be utilized? ☐ **YES** ☐ **NO**

If yes, please supply company name, contact, phone number, and email address.

RIGGING COMPANY NAME

CONTACT NAME

PHONE NUMBER

EMAIL ADDRESS

2. Is a lift gate needed on the delivery truck? ☐ **YES** ☐ **NO**

3. Does the facility have a forklift with the minimum 5’ (152cm) forks (extension forks may be required)?

If no, please describe:

PLEASE DESCRIBE OPTIONS FOR REMOVAL OF SYSTEM FROM THE BASE OF THE CRATE.

4. Will a pallet jack be available? ☐ **YES** ☐ **NO**

PATHWAY TO FINAL POSITION

1. How will the system be transported through the facility (forklift, heavy equipment casters, etc.) ?

PLEASE DESCRIBE

2. Are steps present in the pathway? ☐ **YES** ☐ **NO**

If yes, how many steps, up or down, and where?

*IF STEPS ARE PRESENT, A RIGGING COMPANY MAY BE REQUIRED.

INDICATE NUMBER OF STEPS. ASCENDING OR DESCENDING.

3. Will placement require an elevator? ☐ **YES** ☐ **NO**

If yes, what are the measurements of the elevator door and interior?

MINIMUM WIDTH IS 64" (163 MM) WITH MONITOR MINIMUM DEPTH IS 50" (127 MM)

4. Door/s to pass through? ☐ **YES** ☐ **NO**

If yes, how many and what are the dimensions?

NUMBER OF DOORS ALONG WITH DIMENSIONS
NUMBER OF MINIMUM WIDTH IS 64" (163 MM) WITH MONITOR MINIMUM DEPTH IS 50" (127 MM)

5. Are there other obstacles that might impede movement and placement of the system? ☐ **YES** ☐ **NO**

If yes, what are they and what is proposed to bypass them?

HEIGHT, WIDTH AND DEPTH OF THE ELEVATOR HEIGHT AND WIDTH OF THE ELEVATOR DOOR

CUSTOMER ACKNOWLEDGEMENT

I acknowledge that I understand the requirements and that the facility meets all requirements or will meet all requirements for system installation by the latest date listed above.

PRINTED NAME TITLE

SIGNATURE DATE

Save Form Clear Form