

# *Versa* **LASER**<sup>™</sup>

## **Models VL-200 & VL-300**

Safety, Installation, Operation,  
and Basic Maintenance Manual

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**CE**

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# Introduction

All of us at Universal Laser Systems, Inc. (ULS) would like to thank you for your purchase. Since 1988, the staff at ULS has been dedicated to total customer satisfaction. When you buy Universal you get more than a money making product, you get a team of talented, experienced, and enthusiastic people who are focused on your satisfaction. Our commitment is to help you be successful right now and in the future.

To begin with, we highly recommend that this entire manual be read before attempting to use the device. The manual includes important information about safety, assembly, use, troubleshooting, and basic maintenance.

## How To Get Help

Before contacting our Technical Support Department, make sure that you have read this entire manual as well as any other accompanying manuals included with your laser system.

### Step 1:

Try to recreate the problem and write down the circumstances in which the problem occurred. Try to recall if the problem began all of a sudden, worsened over time, or began after you performed any recent maintenance. Also be prepared to describe all pertinent information about the computer being used such as graphics software, VersaLASER Controller software version, computer operating system and computer type, configuration, and accessories.

### Step 2:

Make sure that you have the serial number available. The serial number tag is located on the back of the machine, next to the exhaust port. It can also be found located in the ABOUT tab of the VersaLASER Controller software. We may not be able to assist you without this number.

### Step 3:

Contact your local VersaLASER reseller. If possible, call from a phone that is close to the VersaLASER so that it can be operated while speaking on the telephone.

### Step 4:

If your local VersaLASER reseller cannot assist you and you would like to use our **FREE**, email based support system, log on to our website: [www.VersaLASER.com](http://www.VersaLASER.com). Click on the "Technical Support" link, then click on the "Technical Support Request Form" and follow the instructions.

### Step 5:

If you are unable to obtain Internet access, you may contact our Technical Support Department at:

### **Universal Laser Systems, Inc.**

Technical Support Department

16008 North 81<sup>st</sup> Street

Scottsdale, AZ 85260

Phone: 480-609-0297

Fax: 480-609-1203

M-F 8am – 5pm Arizona Time

# Specifications

## System Operating Environment Requirements (user provided)

Model	VL-200	VL-300
Operating Environment	Well-ventilated office (recommended) or clean, light-duty manufacturing area	
Operating Temperature	50°F (10°C) to 95°F (35° C) capable 73°F (22°C) to 77°F (25° C) for best performance	
Storage Temperature	50°F (10°C) to 95°F (35° C)	
Operating Humidity	Non-condensing	
Electrical Power	110/220 VAC, 10/5A, Grounded	110/220 VAC, 10/5A, Grounded
Particulate/Odor Outside Ventilated Exhaust System	High-pressure vacuum blower capable of 150 CFM (cubic feet per minute) @ 6 inches static pressure (255m <sup>3</sup> /hr at 1.5kPa)	
Computer Requirement	Windows XP Home or Professional Editions Available USB 1.1 port or higher	
Software Requirement	Any Windows based Graphics or CAD application	

## System Specifications

Laser Safety	CO2 Laser, Interlocked Safety Enclosure = Class I Red Diode Pointer = Class IIIa	
Laser Source	25 or 30 watt CO2 Laser	30,40, or 50 watt CO2 Laser
Cooling	Air Cooled	
Work Area	16" x 12" (406.4 x 304.8 mm)	24" x 12" (609.6 x 304.8 mm)
Printer Driver	Windows XP	
Hardware Interface	USB 1.1	
Dimensions	26" Wide x 25" Deep x 14" Height (660.4mm x 635mm x 355.6)	34" Wide x 25" Deep x 14" Height (863.6mm x 635mm x 355.6)
System Weight	System = 85 lbs. (38 kg)	System = 100–106 lbs. (45-48 kg)
Laser Cartridge Weight	25/30 Watt = 20 lbs (9 kg) 40 Watt = 23 lbs (10 kg) 50 Watt = 26 lbs (12 kg)	
Available Options	Cart, Integrated Air Cleaner, Rotary Fixture, Air Assist, Compressed Air, Cutting Table, Focus Lens Kits	

Specifications subject to change without notice

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