



Site Survey for VLS2.30 VLS3.50

Customer _____

Address _____

Contact Name and Phone# _____

	Models	
	VLS2.30	VLS3.50
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	110/230 VAC, 10/5A, Grounded (earthed) and stable(surge and spike protected)	110/230 VAC, 10/5A, Grounded (earthed) and stable(surge and spike protected)
Power Consumption Up to:	110V/10A 240V/5A	110V/10A 240V/5A
Particulate/Odor Outside Ventilated Exhaust System	High-pressure vacuum blower capable of 150 CFM (cubic feet per minute) @ 6 inches static pressure (255m ³ /hr at 1.5kPa)	
Computer Requirement	Windows XP, Windows Vista or Windows 7 2.0 GHz Processor (minimum) 1 GB of RAM (minimum) 40 GB Hard Drive (minimum) Available USB 2.0 High Speed port	
Software Requirement	Any Windows based Graphics or CAD application	

System Specifications

	VLS2.30	VLS3.50
Laser Safety	CO ₂ Laser, Interlocked Safety Enclosure = Class 1 Red Diode Pointer = Class 3R	
Work Area*	16 x 12 in (406 x 305 mm)	24 x 12 in (610 x 305 mm)
Table	18.75 x 14.5 in (476 x 368 mm)	26.75 x 14.60 in (679 x 368 mm)
Maximum Part (WxHxD) with 1.5" lens	18.75 x 14.5 x 4 in (476 x 368 x 102 mm)	26.75 x 14.5 x 4 in (679 x 368 x 102 mm)
Maximum Part Weight	20 lbs (9 kg)	
Resolutions	1000, 500, 333, 250, 200, 83 dpi/lpi	
Control	Requires a dedicated PC to operate; requires Windows XP, Windows Vista, or Windows 7 (32-bit and 64-bit)	
Interconnection	USB 2.0 High Speed port only	
Laser Options	10, 25 and 30 watts	10, 25, 30, 35, 40, 45 and 50 watts
Power Consumption up to:	110V/10A 240V/5A	
Overall Dimensions (WxHxD)	With Cart: 26 x 44 x 25 in (661 x 1118 x 635 mm) Without Cart: 26 x 14 x 25 in (661 x 356 x 635 mm)	With Cart: 34 x 44 x 25 in (864 x 1118 x 635 mm) Without Cart: 34 x 14 x 25 in (864 x 356 x 635 mm)
Weight (uncrated) Does not include Cart	System = 85 lbs. (38 kg)	System = 100–106 lbs. (45-48 kg)
Exhaust Hookup	One 3-inch (10.16 cm) port	
Laser Cartridge Weight	10 Watt = 13 lbs (6kg) 25/30 Watt = 20 lbs (9 kg) 35/40 Watt = 23 lbs (10 kg) 45/50 Watt = 26 lbs (12 kg)	
Available Options	Cart, Integrated Air Cleaner, Rotary Fixture, Air Assist, Compressed Air, Cutting Table, Lens Kits	

Specifications subject to change without notice.

Do you have receiving dock for delivery of machine Yes or No.?

Do you have lift truck Yes or No.?

Is a left gate needed on delivery truck Yes or No.?

Does the machine need to be open outside of your building to have it fit through opening Yes or No.?

Do you have steps that the machine must go up or down to get to room Yes or No.?

If yes how many steps or floors will the machine need to be moved?_____

Does machine need to fit in elevator Yes or No.?

If yes list size of elevator doors and floor_____

Minimum door opening to bring machine in to room _____



“Measure door stop to door stop for maximum opening”

For VLS2.30 minimum opening required of 26 inches.

For VLS3.50 minimum opening required of 26 inches.

Note: If your door does not meet above spec please contact your Sales Rep or ULS Support for recommendations. Support@ulsinc.com

Electrical Power as tested at outlet for 110 VAC system:

Between hot wire (Black) and Common wire (white) Voltage_____

Between hot wire (Black) and Ground wire (green/yellow) Voltage_____

Between Common wire (White) and Ground wire (green/yellow) Voltage_____

Electrical Power as tested at outlet for 240 VAC system:

Between hot wire (Blue) and Ground wire (green/yellow) Voltage_____

Between hot wire (Brown) and Ground wire (green/yellow) Voltage_____

Between Common wire (White) and Ground wire (green/yellow) Voltage_____

Particulate/Odor Outside Ventilated Exhaust System

Type of Exhaust System make and model_____

CFM Rating_____

Size of exhaust ducts_____

Compressed air should be clean and free of water and moisture

Incoming pressure _____Minimum is 50 PSI.

Machine should be setting on one (1) single floor section. Not on cracks or expansion joints.

