



Customer _____

Address _____

Contact Name and Phone# _____

Site Survey for PLS3.75 PLS4.75 PLS6.75 PLS6MW PLS6.150D

	PLS4.75	PLS6.75	PLS6MW (multi wavelength)	PLS6.150D
Operating Environment	Well-ventilated office (recommended) or clean, light-duty manufacturing			
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			
Particulate/Odor Outside Ventilated Exhaust System	High-pressure vacuum blower capable of:			
	250 CFM (cubic feet per minute) @ 6 inches static pressure (425m3/hr at 1.5kPa)		500 CFM (cubic feet per minute) @ 6 inches static pressure (850m3/hr at 1.5kPa)	
Computer Requirements (See the Installation & Set-up Guide for more information)	Windows XP, Windows Vista, or Windows 7 (32 or 64 bit) 2.0 GHz Processor (minimum) 1 GB of RAM (minimum) 40 GB Hard Drive (minimum)			
Software Requirement	Graphics or CAD based (See page 61 for recommendations)			
Laser Safety	Main Laser, Interlocked Safety Enclosure = Class 1 Red Diode Pointer = Class 3R			

Crate Size PLS360 34x29x51 Weight 400lbs

Crate Size PLS460 43x41x51 Weight 490lbs

Crate Size PLS675 51x42x59 Weight 500lbs

	PLS4.75	PLS6.75	PLS6MW (multi wavelength)	PLS6.150D
Work Area*	24 x 18 in (610 x 457 mm)	32 x 18 in (813 x 457 mm)		
Table	29 x 23 in (737 x 584 mm)	37 x 23 in (940 x 584 mm)		
Maximum Part (WxHxD)	29 x 23 x 9 in (737 x 584 x 229 mm)	37 x 23 x 9 in (940 x 584 x 229 mm)		
Maximum Part Weight	40 lbs (18 kg)			
Resolutions	2000, 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			
Cabinet Style	Floor Standing			
Laser Options	10, 25, 30, 35, 40, 45, 50, 60 and 75 watts	CO ₂ Lasers: 10, 25, 30, 35, 40, 45, 50, 60 and 75 watts Fiber Laser: 30 watts		10, 25, 30, 35, 40, 45, 50, 55, 60 and 75 watts (equipped for two lasers)
Power Consumption up to:	110V/10A 240V/5			230V/15A
Overall Dimensions (WxHxD)	36 x 39 x 36.5 in (914 x 991 x 927 mm)		44 x 39 x 37.5 in (1118 x 991 x 953 mm)	
Weight (uncrated)	270 lbs (122 kg)	325 lbs (147 kg)		345 lbs (156 kg)
Exhaust Hookup	One 4-inch (10.16 cm) port		Two 4-inch (10.16 cm) ports	
Laser Cartridge Weight	CO ₂ 10 Watt = 13 lbs (6kg) CO ₂ 25/30 Watt = 20 lbs (9 kg) CO ₂ 35/40 Watt = 23 lbs (10 kg) CO ₂ 45/50/60 Watt = 26 lbs (12 kg) CO ₂ 75 Watt = 29 lbs (13 kg) Fiber Laser 30 watt=32 lbs(14 kg)			
Available Options	Standard Air Assist, Air Assist Cone, Air Assist Back Sweep, Air Compressor (desiccant or refrigerated dryer options), Computer Controlled Air, Dual Head (CO ₂ only), Honeycomb Cutting Table, Rotary Fixture and Lens Kits			

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 PLS machines minimum opening required of 40 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.

