

XL Series Engraving and Cutting System Post-Installation Check List

Laser System Manufactured by: Universal Laser Systems, Inc.

16008 North 81st Street Scottsdale, AZ 85260 Phone: 480-483-1214

Fax: 480-483-5620

Installation

YES NO

IES	NO	
		"Office type" or "computer friendly" environment for the laser
		Ambient temperature 58 and 95 degrees F (15 and 35 degrees C).
		Operating humidity is non-condensing
		Room is well ventilated
		Laser is on a level floor or has been leveled
		Electrical outlets meet specifications and are properly grounded
		Electrical power is stable
		Properly installed exhaust system that meets airflow requirements
		Rear of machine not confined
		Computer is next to laser system
		Computer is connected directly to laser system. No switch box.
		Computer meets minimum requirements
		Only True Type fonts being used
		Printer Driver installed properly
		Graphic software installed and configured properly

Comments

Operation

YES NO

120	110	
		Laser Safety
		Safety Interlock system
		Fundamentals of how the laser system works
		Turning the system on and the homing procedure
		Job Parameter Menu
		Memory Control Menu
		System Options Menu
		Z control and the three focusing methods
		Downloading files and working with the Next and Previous file buttons
		Printer Driver controls and how to use them
		Positioning and loading materials
		Running a sample
		Sample materials
		Using optional accessories
		Maximizing efficiency

Comments

Maintenance

YES	NO	Maintenance	
120	110	Demonstrate laser tube removal and replacement	
		Check if X-axis arm is square. Adjust if necessary	
		Beam alignment check. Adjust if necessary	
		Demonstrate cleaning the rails and bearings	
		Demonstrate cleaning the optics	
		Demonstrate cleaning the main enclosure	
		Demonstrate cleaning the AutoFocus sensor	
		Describe changing the belts, bearings, and optics.	
		Re-homing the Z and setting the focal length	
		Describe lubricating the Z-axis lead screws	
		Describe how to maintaining optional accessories	
		Suggest spare parts to purchase as extras	
		Describe how to contact technical support properly. Show location of both serial number tags	
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		Describe how to contact technical support properly. Show location of both serial number tags	
		Comments	
The U	JLS Re	epresentative performing the installation has clearly informed me and dis of the topics listed above.	cussed
Custo	mer S	ignature Print Name Date	

ULS Representative: Please make a copy. Customer keeps copy. Mail or fax original to ULS.

Print Name

ULS Representative Signature

Date