## LASER SYSTEMS

#### QUICK START GUIDE FOR VLS & PLS SYSTEMS

#### Turn on system and computer





VLS Power Switch

PLS Power Switch

The location of the power switches for your system is indicated above.

#### Print your design

Print your intended design from your software program, selecting the laser system as your printer. Click on the Universal Laser Systems Control Panel icon to open the control panel and display your design.

Destination	-			UCP lcon
Name:	VLS 3.50	ž L	Properties	1 A A A A A A A A A A A A A A A A A A A
Type:	VLS	12	Use PPD	1.11
Status:	Ready			
Where:	UCP-1			
Comment:		E	Print to file 🕒	
Print range		Copies		
<li>Current de</li>	ocument ODocuments	Number of copies:	1	
O Current p	age 🔿 Selection			
O Pages:	1	11 22 33	Collate	
	Even & Odd			
Print style:	CorelDRAW Defaults	~	Save As	1 🖸 🖾 🎽
Print style:	CorelDRAW Defaults	¥	Save As	

#### 3

#### Select your target material

Click on the "Settings" button. In the window that appears, click the "Materials Database" tab. Select the material to be processed and then enter in the thickness of the material in the "material thickness" field. If using air assist, go to step 4, otherwise press **OK**.



#### Activate air assist (optional)

When processing certain materials, quality can be improved by activating air assist. Click one or more of the boxes marked "air assist" for the types of operation you will be performing (vector cutting, vector marking, raster marking) and set the air flow level as desired. Press **OK**.

Selected: lotes:		Raster			
Materials Databas Ceramic E Composite Converter Mate M SM <sup>114</sup> Materia	rials s pes rials		Vector Engraving	- 0 0%	A
Copical Materials Copical Materials Copical Statements Single Coated Tapo Single Coated Tapo Single Coated Tapo Click to setter more: Print Special Effects			Air Assist Raster:	— • V	Ass
Normal	Print Direction	Vector Performance Standard	Vector Cutting:	011	
Material Thickness	Units Metric © inches	Fbture Type	Apply Load	Defaults <u>Save</u>	
	1-Touch Laser Photo		OK	Cancel	



#### Place material in laser system

Open the top cover and place the material to be processed into the laser system. Use the rulers at the top and sides of the work space to align your material with the drawing shown on the Universal Control Panel.





Make sure the exhaust system is on.



IMPORTANT! NEVER LEAVE THE SYSTEM UNATTENDED WHILE IT IS PROCESSING!



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# 4 Key Rules

for safe and successful Digital Laser Material Processing

## **1** CLEAN OPTICS

Inspect frequently – Only clean as needed (beam window, mirror 2, & carriage assembly)

## **2** FOCUSED OPTICS

Enter the exact material thickness in the Materials Database. Check the focus with focus tool frequently

## **3** EXHAUST / EXTRACTION

Exhaust must be on and flowing freely at all times during operation

### **4** ATTENDANCE

Never leave the system unattended during operation

The nearest fire extinguisher is located:

For assistance please call: 02 9584 9499 or email: support@LSTgroup.com.au

