












Material Parameter Reference of AlgoLaser_Delta for 40W for LightBurn											
Material	image	Speed (mm/m)	Max Power	Mode	Pass Count	Test Result	Remark	Reference Picture(Parameter setting location)			
15mm Birch Plywood 15mm 桦木胶合板		200	100%	line	1						
20mm Birch Plywood		200	100%	line	4						
2mm Basswood Plywood 2mm 榎木胶合板		1200	100%	line	1						
3mm Basswood Plywo		750	100%	line	1						
4mm Basswood Plywo		700	100%	line	1						
5mm Basswood Plywo		700	100%	line	1						
6mm Basswood Plywo		400	100%	line	1						
8mm Basswood Plywo		350	100%	line	1						
10mm Basswood Plyw		300	100%	line	1						
12mm Basswood Plyw		250	100%	line	1						
13mm Basswood Plyw		250	100%	line	1						
14mm Basswood Plyw		150	100%	line	1	/					
15mm Basswood Plyw		150	100%	line	1	/					
5mm Eucalyptus plywood 5mm 桉木胶合板		600	100%	line	1						
10mm Eucalyptus plyw		200	100%	line	1						

Cuts / Layers

#	Layer	Mode	Spd/Pwr	Output	Show	Air
C00	00	Line	500.0 / 100.0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Layer Color

Speed (mm/m)

500

Pass Count

1









Power Max (%)

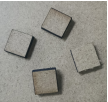




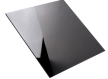
100.00



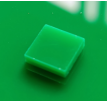










Interval (mm)

0.100

Cuts / LayersMoveConsole










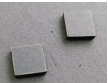
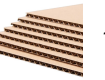
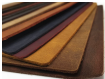

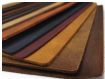






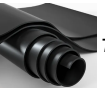
12mm Eucalyptus plyw		100	100%	line	2	/	
15mm Eucalyptus plyw		100	100%	line	2	/	
5mm Pine Board 5mm 松木板		600	100%	line	1		
10mm Pine Board		250	100%	line	1		
15mm Pine Board		200	100%	line	1		
20mm Pine Board		100	100%	line	1		
30mm Pine Board		80	100%	line	1	Focal length decreased by 2.5mm	
40mm Pine Board		500	100%	line	15	Focal length decreased by 2.5mm	
50mm Pine Board		500	100%	line	23	Focal length decreased by 2.5mm	
60mm Pine Board	/	/	/	/	/	Can't cut	
3mm Paulownia Plank 3mm 泡桐木板		1400	100%	line	1		
5mm Paulownia Plank		1200	100%	line	1		
8mm Paulownia Plank		1000	100%	line	1		
10mm Paulownia Plank		300	100%	line	1		
12mm Paulownia Plank		400	100%	line	1		

20mm Paulownia Planl	500	100%	/	2	/	
25mm Paulownia Planl	500	100%	/	2	/	
3mm MDF 3mm 中密度板	900	100%	line	1		
5mm MDF	500	100%	line	1	/	
9mm MDF	 200	100%		2		
12mm MDF	250	100%		4		
16mm MDF	/	/	/	/	/	Can't cut
3.5mm Black Acrylic 3.5mm 黑色亚克力(不透明)	500	100%	line	1		
5mm Black Acrylic	250	100%	line	1		
8mm Black Acrylic	200	100%	line	1		
10mm Black Acrylic	200	100%	line	4		
						There is an irritating odor when cutting, so cut with caution
15mm Black Acrylic	200	100%	line	5		
20mm Black Acrylic	 200	100%	line	5		
25mm Black Acrylic	200	100%	line	9		
30mm Black Acrylic	200	100%	line	9		

40mm Black Acrylic	200	100%	line	12		
50mm Black Acrylic	200	100%	line	12	/	
3mm Green Acrylic 3mm 绿色亚克力(不透明)	300	100%	line	1		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
5mm Green Acrylic	 150	100%	line	1		
8mm Green Acrylic	150	100%	line	2		
2mm Orange Acrylic 2mm 橙色亚克力(不透明)	 200	100%	line	1		There is an irritating odor when cutting, so cut with caution
3mm Blue Acrylic 3mm 蓝色亚克力(不透明)	/	/	/	/	/	Can't cut, Blue Light is Absorbed
3mm Yellow Acrylic 3mm 黄色亚克力(不透明)	200	100%	line	1		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
5mm Yellow Acrylic	 100	100%	line	1		
8mm Yellow Acrylic	/	/	/	/	/	Can't cut
3mm Red Acrylic 3mm 红色亚克力(不透明)	300	100%	line	1		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
5mm Red Acrylic	 150	100%	line	1		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
8mm Red Acrylic	150	100%	line	2		
3mm cherry wood 3mm 樱桃木	750	100%	line	1		
5mm cherry wood	600	100%	line	1	/	



8mm cherry wood		300	100%	line	1	/
15mm cherry wood		250	100%	line	1	/
20mm cherry wood		100	100%	line	1	
30mm cherry wood		200	100%	line	4	/
3mm Walnut 3mm 胡桃木		1000	100%	line	1	
5mm Walnut		600	100%	line	1	/
10mm Walnut		250	100%	line	1	/
						
15mm Walnut		150	100%	line	1	/
20mm Walnut		50	100%	line	1	/
30mm Walnut		200	100%	line	8	
3mm PolyVinyl Chloride 3mm PVC板(雪弗板)		800	100%	line	1	
5mm PolyVinyl Chloride		300	100%	line	1	There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
15mm PolyVinyl Chloride		250	100%	line	1	/
1mm Gray Cardboard 1mm 灰纸板		3000	100%	line	1	
2mm Gray Cardboard		1400	100%	line	1	

3mm Gray Cardboard		800	100%	line	1		
1mm White Cardboard 1mm 白纸板		2000	100%	line	1		
3mm White Cardboard		750	100%	line	1		
1mm Black Cardboard 1mm 黑纸板		2000	100%	line	1		
2mm Black Cardboard		800	100%	line	1		
5mm Corrugated Board 5mm 瓦楞纸		1900	100%	line	1		
1.2mm Leather 1.2mm 皮革		1700	100%	line	1		There is an irritating odor when cutting, so cut with caution
1.5mm Leather		1400	100%	line	1		There is an irritating odor when cutting, so cut with caution
0.2mm colored paper 0.2mm 彩纸		4000	100%	line	1		
0.6mm colored canvas 0.6mm 彩色帆布		4000	100%	line	1		Cut edges neatly, but slight burn marks can be seen
0.6mm white canvas 0.6mm 白色帆布		2000	100%	line	1		Cut edges neatly, but slight burn marks can be seen
0.7mm denim 0.7mm 牛仔裤		2700	100%	line	1		Cut edges neatly, but slight burn marks can be seen
0.8mm denim		2500	100%	line	1		Cut edges neatly, but slight burn marks can be seen
1mm rubber 1mm 橡胶		700	100%	line	1		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
1mm white ABS sheet 1mm 白色ABS		300	100%	line	1		

3mm white ABS sheet		100	100%	line	1	There is an irritating odor when cutting, so cut with caution
5mm white ABS sheet		/	/	/	/	Can't cut
1mm black ABS sheet 1mm 黑色ABS		800	100%	line	1	 There is an irritating odor when cutting, so cut with caution
8.5mm bamboo 8.5mm 竹子		300	100%	line	1	
0.02mm Stainless steel 0.02mm 不锈钢		10000	100%	line	1	
0.03mm Stainless steel		5000	100%	line	1	
0.04mm Stainless steel		3000	100%	line	1	
0.05mm Stainless steel		1500	100%	line	1	
0.06mm Stainless steel		1200	100%	line	1	
0.07mm Stainless steel		1000	100%	line	1	
0.08mm Stainless steel		850	100%	line	1	
	/					
0.09mm Stainless steel		700	100%	line	1	
0.10mm Stainless steel		400	100%	line	1	
0.15mm Stainless steel		200	100%	line	1	
0.20mm Stainless steel		100	100%	line	1	

0.25mm Stainless steel	100	100%	line	2		
0.3mm Stainless steel	80	100%	line	2		
0.35mm Stainless steel	/	/	/	/		Can't cut
clear acrylic 透明亚克力	/	/	/	/	/	Can't cut
copper 铜	/	/	/	/	/	Can't cut
gold 金	/	/	/	/	/	Can't cut
Pure aluminum 纯铝	/	/	/	/	/	Can't cut
pure iron 纯铁	/	/	/	/	/	Can't cut
<div>Notice :</div> <div>1、The results would be different in even same material with different finishing or different colors, So you need to adjust the speed and power rate based on different objects. Also, please adjust the focal length to be the best, make the focal spot to be the smallest.</div> <div>2、It couldn't engrave or cut directly: Glossy metal plate, Transparent materials, Reflecting materials, Some materials in white color or pervious to light, etc. Then, you need to use the marker pen to black it to engrave.</div>						