




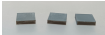


Material Parameter Reference of AlgoLaser_Delta for 20W for LightBurn								Reference Picture(Parameter setting location)
Material	image	Speed (mm/mi	Max Powe	Mode	Pass Cou	Test Resul	Remark	
4mm Birch Plywood		400	100%	line	1			
4mm 桦木胶合板								
6mm Birch Plywood		300	100%	line	1			
9mm/10mm Birch Plywood		100	100%	line	1			
12mm Birch Plywood		100	100%	line	3		The bottom of the cut is slightly burnt	
3mm Basswood Plywood		700	100%	line	1			
3mm 椴木胶合板								
5mm Basswood Plywood		300	100%	line	1			
6mm Basswood Plywood		300	100%	line	1			
8mm Basswood Plywood		200	100%	line	1			
10mm Basswood Plywood		100	100%	line	1			
12mm Basswood Plywood		100	100%	line	1			
13mm Basswood Plywood		100	100%	line	2			
14mm Basswood Plywood		100	100%	line	2			
15mm Basswood Plywood		100	100%	line	2			
20mm Basswood Plywood		200	100%	line	15		Drop the focal length by 1mm	
5mm Eucalyptus plywood		300	100%	line	1			
5mm 桉木胶合板								
10mm Eucalyptus plywood		200	100%	line	2			
12mm Eucalyptus plywood		200	100%	line	4			
15mm Eucalyptus plywood		300	100%	line	6		The bottom of the cut is slightly burnt	
5mm Pine Board		200	100%	line	1			
5mm 松木板								
10mm Pine Board		100	100%	line	1			
12mm Pine Board		100	100%	line	1			
15mm Pine Board		100	100%	line	2			
19mm Pine Board		100	100%	line	3			
20mm Pine Board		100	100%	line	3			
30mm Pine Board		100	100%	line	10			
3mm Paulownia Plank		1000	100%	line	1			
3mm 泡桐木板								
5mm Paulownia Plank		700	100%	line	1			
8mm Paulownia Plank		500	100%	line	1			
10mm Paulownia Plank		100	100%	line	1			
12mm Paulownia Plank		100	100%	line	1			
15mm Paulownia Plank		200	100%	line	1			
20mm Paulownia Plank		200	100%	line	3			
3mm MDF		200	100%	line	1			
3mm 中密度板								
5mm MDF		200	100%	line	2			
12mm MDF		300	100%	line	6			
5mm Black Acrylic		100	100%	line	1			
5mm 黑色亚克力(不透明)								
6mm Black Acrylic		100	100%	line	1			
8mm Black Acrylic		100	100%	line	1			
10mm Black Acrylic		60	100%	line	2		There is an irritating odor when cutting, so cut with caution	
15mm Black Acrylic		100	100%	line	4			
20mm Black Acrylic		100	100%	line	4			
25mm Black Acrylic		100	100%	line	10			
30mm Black Acrylic		100	100%	line	10			
40mm Black Acrylic		/	/	/	/		no material	
45mm Black Acrylic		100	100%	line	15		There is an irritating odor when cutting, so cut with caution	
47mm Black Acrylic		/	/	/	/		no material	
50mm Black Acrylic		/	/	/	/		Can't cut	
3mm Green Acrylic		300	100%	line	2			
3mm 绿色亚克力(不透明)							There are burn marks along the cutting path and a pungent odor is emitted during the cutting process.	
5mm Green Acrylic		100	100%	line	2		Cut with caution	
8mm Green Acrylic		100	100%	line	4			

3mm Orange Acrylic 3mm 橙色亚克力(不透明)	/	/	/	/		Can't cut
6mm Orange Acrylic	/	/	/	/		
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)	100	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	2		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
8mm Yellow Acrylic	/	/	/	/		Can't cut
3mm Red Acrylic 3mm 红色亚克力(不透明)	100	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	100	100%	line	1		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
10mm Red Acrylic	200	100%	line	6		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
15mm Red Acrylic	/	/	/	/		Can't cut
8mm White Oak 8mm 白橡木	200	100%	line	1		
10mm White Oak	160	100%	line	1		
12mm White Oak	200	100%	line	2		
15mm White Oak	200	100%	line	4		
20mm White Oak	200	100%	line	5		
8mm red oak 8mm 红橡木	160	100%	line	1		
10mm red oak	130	100%	line	1		
12mm red oak	200	100%	line	3		
15mm red oak	200	100%	line	4		
20mm red oak	200	100%	line	4		
25mm red oak	200	100%	line	10		
3mm red translucent Acrylic 3mm 红色半透明亚克力	 100	100%	line	1		
3mm Yellow transparent Acrylic 3mm 黄色透明亚克力		/	/	/	/	Can't cut
3mm light tan transparent acrylic 3mm 浅茶色亚克力		/	/	/	/	Can't cut
3mm dark gray acrylic 3mm 深灰色亚克力		/	/	/		
3mm PolyVinyl Chloride 3mm PVC板(雪弗板)	1600	100%	line	1		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process.
5mm PolyVinyl Chloride	900	100%	line	1		Cut with caution
15mm PolyVinyl Chloride	300	100%	line	2		
1mm Gray Cardboard 1mm 灰纸板	1200	100%	line	1		
2mm Gray Cardboard	500	100%	line	1		
3mm Gray Cardboard	300	100%	line	1		
6mm Gray Cardboard	300	100%	line	2		
1mm White Cardboard 1mm 白纸板	1100	100%	line	1		
2.5mm White Cardboard	600	100%	line	1		There is a slight yellowing next to the cutting path
3mm White Cardboard	600	100%	line	1		There is a slight yellowing next to the cutting path
1mm Black Cardboard 1mm 黑纸板	1100	100%	line	1		There is a slight yellowing next to the cutting path
2.5mm Black Cardboard	600	100%	line	1		
1mm Coated Duplex Board (牛卡纸)	1100	100%	line	1		
2mm Coated Duplex Board	600	100%	line	1		
2mm Corrugated Board 2mm 瓦楞纸	2000	100%	line	1		

5mm Corrugated Board	1000	100%	line	1	
1.5mm Leather 1.5mm 皮革	600	100%	line	1	There is an irritating odor when cutting, so cut with caution
2mm Leather	600	100%	line	1	There is an irritating odor when cutting, so cut with caution
0.2mm colored paper 0.2mm 彩纸	10000	100%	line	1	
0.6mm colored canvas 0.6mm 彩色帆布	2000	100%	line	1	Cut edges neatly, but slight burn marks can be seen
0.6mm white canvas 0.6mm 白色帆布	1000	100%	line	1	Cut edges neatly, but slight burn marks can be seen
0.7mm denim 0.7mm 牛仔裤	1800	100%	line	1	Cut edges neatly, but slight burn marks can be seen
0.8mm denim	1800	100%	line	1	Cut edges neatly, but slight burn marks can be seen
1mm rubber 1mm 橡胶	400	100%	line	3	There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
3mm rubber	/	/	/	/	Can't cut
1mm white ABS sheet 1mm 白色ABS	200	100%	line	2	There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
0.8mm black ABS sheet 0.8mm 黑色ABS	1200	100%	line	1	
2mm black ABS sheet	700	100%	line	1	There is an irritating odor when cutting, so cut with caution
3mm black ABS sheet	400	100%	line	1	
4mm black ABS sheet	300	100%	line	1	
6mm black ABS sheet	200	100%	line	2	There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
8.5mm bamboo 8.5mm 竹子	100	100%	line	1	
0.2mm 3K carbon fiber board 0.2mm 3K碳纤维板	 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
0.5mm 3K carbon fiber board	 100	100%	line	10	
1mm 3K carbon fiber board	/	/	/	/	
clear acrylic 透明亚克力	/	/	/	/	
copper 铜	/	/	/	/	
gold 金	/	/	/	/	Can't cut
Pure aluminum 纯铝	/	/	/	/	
pure iron 纯铁	/	/	/	/	
<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>					