











Material Parameter Reference of AlgoLaser_DIY-KIT mini for 10W for LightBurn												
注意: 以下数据是基于使用 30L 气泵的切割测试数据												
Material	image	Speed (mm/m)	Max Power	Mode	Pass Count	Test Result	Remark	Reference Picture(Parameter setting location)				
4mm Birch Plywood 4mm 桦木胶合板		200	100%	line	1							
6mm Birch Plywood		100	100%	line	2							
9mm/10mm Birch Plywood	/	/	/	/	/	/						
12mm Birch Plywood	/	/	/	/	/	/						
3mm Basswood Plywood 3mm 榉木胶合板		500	100%	line	1							
5mm Basswood Plywood		200	100%	line	1							
6mm Basswood Plywood		200	100%	line	1							
8mm Basswood Plywood		300	100%	line	3							
10mm Basswood Plywood		200	100%	line	3							
12mm Basswood Plywood		100	100%	line	3							
13mm Basswood Plywood		100	100%	line	4		Focal length decreased by 2.5mm					
14mm Basswood Plywood	/	/	/	/	/	/						
15mm Basswood Plywood	/	/	/	/	/	/						
20mm Basswood Plywood	/	/	/	/	/	/						
5mm Eucalyptus plywood 5mm 桉木胶合板		100	100%	line	4							

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)


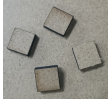




0.100

Cuts / Layers







Move











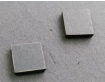

Console











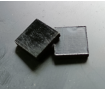
10mm Eucalyptus plywood	/	/	/	/	/
12mm Eucalyptus plywood	/	/	/	/	/
15mm Eucalyptus plywood	/	/	/	/	/
5mm Pine Board 5mm 松木板	 100	100%	line	1	
10mm Pine Board	100	100%	line	2	
12mm Pine Board	100	100%	line	3	
15mm Pine Board	150	100%	line	6	
19mm Pine Board	150	100%	line	9	
20mm Pine Board	150	100%	line	10	
30mm Pine Board	/	/	/		/
3mm Paulownia Plank 3mm 泡桐木板	 600	100%	line	1	
5mm Paulownia Plank	500	100%	line	1	
8mm Paulownia Plank	300	100%	line	1	
10mm Paulownia Plank	300	100%	line	1	
12mm Paulownia Plank	100	100%	line	1	
15mm Paulownia Plank	/	/	/	/	/

20mm Paulownia Plank	/	/	/	/	/
3mm MDF 3mm 中密度板	 200	100%	line	2	
5mm MDF	200	100%	line	4	/
12mm MDF	/	/	/	/	/
3.5mm Black Acrylic 3.5mm 黑色亚克力(不透明)	 100	100%	line	1	
6mm Black Acrylic	100	100%	line	3	
8mm Black Acrylic	100	100%	line	4	
10mm Black Acrylic	100	100%	line	5	There is an irritating odor when cutting, so cut with caution
15mm Black Acrylic	100	100%	line	7	
20mm Black Acrylic	100	100%	line	15	
25mm Black Acrylic	100	100%	line	20	
30mm Black Acrylic	100	100%	line	25	
40mm Black Acrylic	/	/	/	/	/
45mm Black Acrylic	/	/	/	/	/
47mm Black Acrylic	/	/	/	/	/
50mm Black Acrylic	/	/	/	/	/

3mm Green Acrylic 3mm 绿色亚克力(不透明)		100	100%	line	2	 <div>There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution</div>
5mm Green Acrylic		100	100%	line	4	 <div>There is an irritating odor when cutting, so cut with caution</div>
8mm Green Acrylic		100	100%	line	8	 <div>There is an irritating odor when cutting, so cut with caution</div>
3mm Orange Acrylic 3mm 橙色亚克力(不透明)		100	100%	line	2	<div>There is an irritating odor when cutting, so cut with caution</div>
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	2	 <div>There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution</div>
5mm Yellow Acrylic		100	100%	line	3	 <div>There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution</div>
8mm Yellow Acrylic		/	/	/	/	Can't cut
3mm Red Acrylic 3mm 红色亚克力(不透明)		100	100%	line	2	 <div>There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution</div>
5mm Red Acrylic		100	100%	line	4	 <div>There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution</div>
10mm Red Acrylic		100	100%	line	10	 <div>There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution</div>
15mm Red Acrylic		/	/	/	/	
3mm cherry wood 3mm 樱桃木		300	100%	line	1	
5mm cherry wood		200	100%	line	1	/
8mm cherry wood		100	100%	line	2	/

10mm cherry wood		200	100%	line	4	/
12mm cherry wood		/	/	/	/	/
15mm cherry wood		/	/	/	/	/
20mm cherry wood		/	/	/	/	/
3mm Walnut 3mm 胡桃木		400	100%	line	1	
5mm Walnut		200	100%	line	1	/
8mm Walnut		100	100%	line	2	/
10mm Walnut		200	100%	line	8	/
12mm Walnut		200	100%	line	10	/
15mm Walnut		/	/	/	/	/
20mm Walnut		/	/	/	/	/
25mm Walnut		/	/	/	/	/
3mm red translucent Acrylic 3mm 红色半透明亚克力		/	/	/	/	/
3mm Yellow transparent Acrylic 3mm 黄色透明亚克力		/	/	/	/	/
3mm light tan transparent acrylic 3mm 浅茶色亚克力		/	/	/	/	/
3mm dark gray acrylic 3mm 深灰色亚克力		/	/	/	/	

3mm PolyVinyl Chloride 3mm PVC板(雪弗板)		900	100%	line	1	
5mm PolyVinyl Chloride		700	100%	line	1	<div>There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution</div>
15mm PolyVinyl Chloride	/	/	/			
1mm Gray Cardboard 1mm 灰纸板		600	100%	line	1	
2mm Gray Cardboard		300	100%	line	1	
3mm Gray Cardboard		200	100%	line	1	
6mm Gray Cardboard	/	/	/	/	/	/
1mm White Cardboard 1mm 白纸板		900	100%	line	1	
2.5mm White Cardboard		200	100%	line	1	
3mm White Cardboard		200	100%	line	1	
1mm Black Cardboard 1mm 黑纸板		700	100%	line	1	
2.5mm Black Cardboard		200	100%	line	1	
1mm Coated Duplex Board (牛卡纸)		600	100%	line	1	
2mm Coated Duplex Board		300	100%	line	1	
2mm Corrugated Board 2mm 瓦楞纸		1000	100%	line	1	
5mm Corrugated Board		800	100%	line	1	

1.5mm Leather 1.5mm 皮革		400	100%	line	1		There is an irritating odor when cutting, so cut with caution
2mm Leather		400	100%	line	1		There is an irritating odor when cutting, so cut with caution
0.2mm colored paper 0.2mm 彩纸		1000	100%	line	1		
0.6mm colored canvas 0.6mm 彩色帆布		900	100%	line	1		Cut edges neatly, but slight burn marks can be seen
0.6mm white canvas 0.6mm 白色帆布		900	100%	line	1		Cut edges neatly, but slight burn marks can be seen
0.7mm denim 0.7mm 牛仔裤		900	100%	line	1		Cut edges neatly, but slight burn marks can be seen
0.8mm denim		900	100%	line	1		Cut edges neatly, but slight burn marks can be seen
1mm rubber 1mm 橡胶		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
3mm rubber		/	/	/	/	/	Can't cut
1mm white ABS sheet 1mm 白色ABS		100	100%	line	2	/	There is an irritating odor when cutting, so cut with caution
1mm black ABS sheet 1mm 黑色ABS		500	100%	line	1		
2mm black ABS sheet		200	100%	line	1		There is an irritating odor when cutting, so cut with caution
3mm black ABS sheet		200	100%	line	2		
4mm black ABS sheet		100	100%	line	1	/	
6mm black ABS sheet		100	100%	line	2	/	
8.5mm bamboo 8.5mm 竹子		100	100%	line	6	/	

