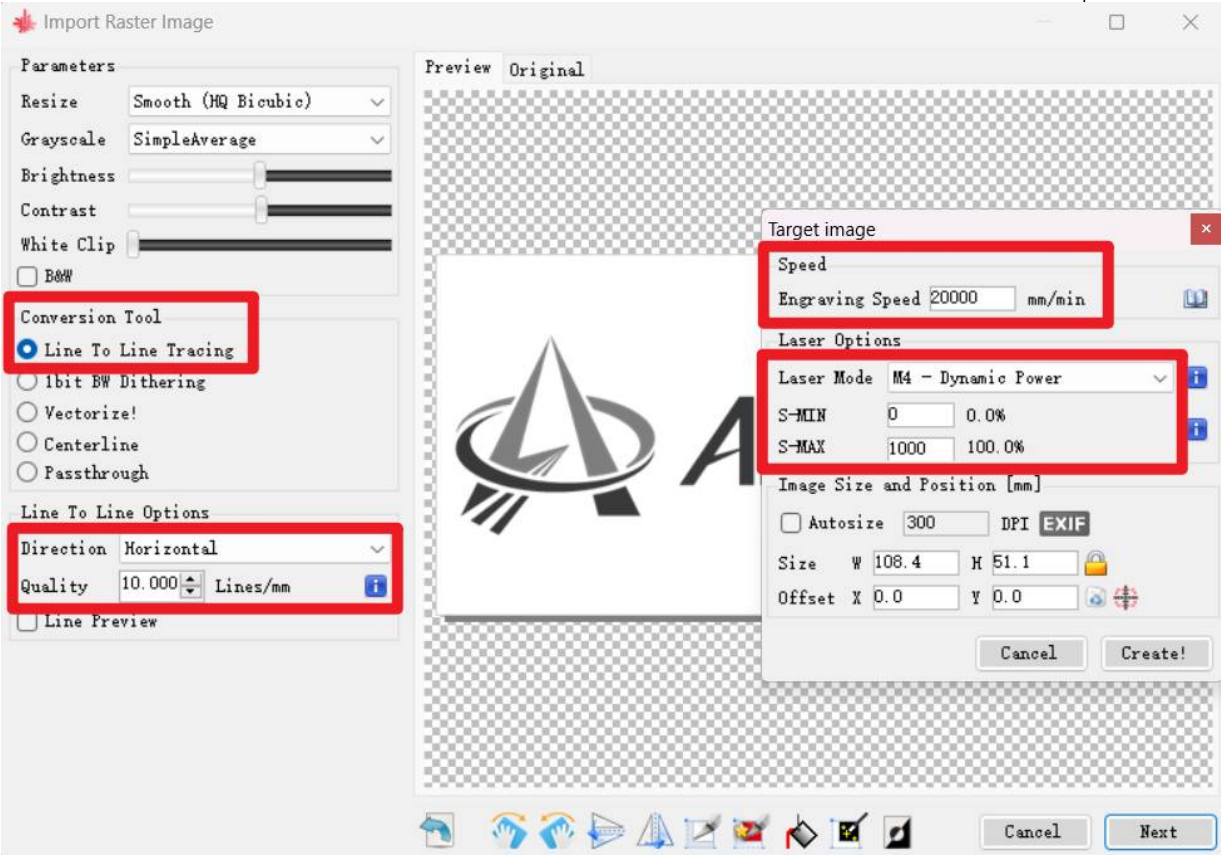
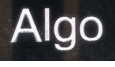
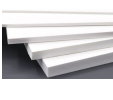
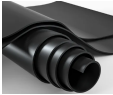
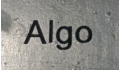
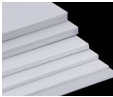
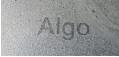
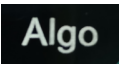


Material Parameter Reference of AlgoLaser_DIY-KIT for 5W for LaserGRBL														
Material	image	Conversion Too	Direction	Quality	Speed (mm/mi	Laser Mod	S-MIN (Laser Pow	S-MAX (Laser Pov	Test Resul	Remark	Reference Picture(Parameter setting location)			
Birch Plywood 桦木胶合板		Line To Line Trac	Horizontal	20	5000	M4	0%	100%						
Basswood Plywood 椴木胶合板		Line To Line Trac	Horizontal	20	5000	M4	0%	100%						
Eucalyptus plywood 桉木胶合板		Line To Line Trac	Horizontal	20	5000	M4	0%	100%						
Pine Board 松木板		Line To Line Trac	Horizontal	20	5000	M4	0%	100%						
Paulownia Plank 泡桐木板		Line To Line Trac	Horizontal	20	5000	M4	0%	100%						
MDF 中密度板		Line To Line Trac	Horizontal	20	10000	M4	0%	100%						
Black Acrylic 黑色亚克力		Line To Line Trac	Horizontal	15	6000	M4	0%	100%						
Green Acrylic 绿色亚克力		Line To Line Trac	Horizontal	20	5000	M4	0%	100%						
Orange Acrylic 橙色亚克力		Line To Line Trac	Horizontal	20	5000	M4	0%	100%						
Blue Acrylic 蓝色亚克力	/	/	/	/	/	/	/	/	/	Blue Light is Absorbed				
Yellow Acrylic 黄色亚克力		Line To Line Trac	Horizontal	20	5000	M4	0%	100%						
Red Acrylic 红色亚克力		Line To Line Trac	Horizontal	20	5000	M4	0%	100%						
PolyVinyl Chloride (雪弗板)		Line To Line Trac	Horizontal	15	10000	M4	0%	100%						

Gray Cardboard 灰纸板		Line To Line Trac Horizontal	15	10000	M4	0%	100%	
White Cardboard 白纸板		Line To Line Trac Horizontal	20	8000	M4	0%	100%	
Black Cardboard 黑纸板		Line To Line Trac Horizontal	20	8000	M4	0%	100%	
Coated Duplex Board (牛卡纸)		Line To Line Trac Horizontal	20	10000	M4	0%	100%	
Leather 皮革		Line To Line Trac Horizontal	15	10000	M4	0%	100%	
colored paper 彩纸		Line To Line Trac Horizontal	15	10000	M4	0%	100%	
Navy Blue canvas 海军蓝色帆布		Line To Line Trac Horizontal	15	10000	M4	0%	100%	
denim 牛仔裤		Line To Line Trac Horizontal	15	8000	M4	0%	100%	
rubber 橡胶		Line To Line Trac Horizontal	15	8000	M4	0%	100%	
white ABS sheet 白色ABS		/	/	/	/	/	/	
black ABS sheet 黑色ABS		Line To Line Trac Horizontal	15	6000	M4	0%	100%	
bamboo 竹子		Line To Line Trac Horizontal	15	10000	M4	0%	100%	
Stainless steel 不锈钢		Line To Line Trac Horizontal	20	100	M4	0%	100%	
cold rolled sheet 冷轧板		Line To Line Trac Horizontal	20	100	M4	0%	100%	

coated metal	Line To Line Trac Horizontal	20	1000	M4	0%	100%	
dry leaves 干树叶	Line To Line Trac Horizontal	15	10000	M4	0%	100%	
clear acrylic 透明亚克力	Laser Color Paper						
copper 铜	/	/	/	/	/	/	
gold 金	/	/	/	/	/	/	
Pure aluminum 纯铝	/	/	/	/	/	/	
pure iron 纯铁	/	/	/	/	/	/	

Notice:

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.

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.