

机器型号	光功率	雕刻幅面	加工类型	材料	材料厚度(mm)	推荐功率(%)	推荐工作速度(mm/min)	推荐工作次数	备注
Creality Falcon2	12W	400mm*415mm	雕刻	椴木板	2	40	4000	1	1. 断电状态下, 请确保激光模组镜片干净(可使用无尘布搭配酒精擦拭), 且正确调焦。 2. 推荐参数仅供参考, 因为材料存在色差, 而不同颜色的材料所对应的参数会有所区别, 可通过调节参数达到想要的效果; 一般情况下, 功率越大, 或速度越慢, 雕刻效果越深; 功率越小, 或速度越快, 雕刻效果越浅。此外, 在拉丝不锈钢表面雕刻, 可通过设置不同参数达到彩色效果, 但是不同材料的氧化程度不一样, 而且焦距、功率的轻微差异也会影响实际效果, 建议进行测试。 3. 切割时, 切割处的底面应悬空(如使用蜂窝板), 以保证切割效果。同时对工作台做好防护(如坐上铝板等激光不易穿透的材料)。
				竹签	5	40	4000	1	
				牛皮纸	0.15	15	4000	1	
				红色卡纸	0.2	15	4000	1	
				红色无纺布	0.8	15	4000	1	
				棕色皮革	0.65	20	4000	1	
				黑色亚克力	4.6	50	4000	1	
				阳极氧化铝	3	100	250	1	
				拉丝不锈钢	2	100	800	1	
			陶瓷(表面涂黑墨水)	6	85	4000	1		
			切割	椴木板	2	100	400	1	
					5	100	200	1	
					8	100	250	2	
					10	100	180	3	
				竹签	5	100	200	1	
				牛皮纸	0.2	100	4000	1	
				红色无纺布	0.2	100	4000	1	
				红色卡纸	0.8	100	3800	1	
棕色皮革	0.65	100		2000	1				
黑色亚克力	4.6	100	300	1					
	7.6	100	250	3					

Model	Laser Power	Engraving Size	Processing Mode	Material	Thickness(mm)	Recommended Power (%)	Recommended Work Speed(mm/min)	Passes	Notes	
Creality Falcon2	12W	400mm*415mm	Engraving	Basswood	2	40	4000	1	1. Please ensure that the focal length of the laser module is correct and the lens of the laser module is clean when powered off(it can be clean with the dustless cloth and alcohol). 2. The parameters are for reference only because the color of the material is different and it will lead to a different effect. You can achieve a desired effect by adjusting the parameters: Generally higher power or slower speed make deeper effect. Lower power or faster speed make shallower effect. In addition, engraving on brushed stainless steel can achieve colorful effects by setting different parameters, but the oxidation degree of different materials is different, and slight differences in focal length and power will also affect the actual effect. It is recommended to do some tests on your material. 3. The bottom surface of the cutting place should be suspended(use a honeycomb worktable) when cutting. You should protect the workbench (such as using aluminum plates or other materials that are not easily penetrated by laser).	
				Bamboo	5	40	4000	1		
				Kraft paper	0.15	15	4000	1		
				Red card paper	0.2	15	4000	1		
				Red felt	0.8	15	4000	1		
				Brown leather	0.65	20	4000	1		
				Black acrylic	4.6	50	4000	1		
				Anodized aluminum	3	100	250	1		
				Brushed Stainless steel	2	100	800	1		
				White tile painted black	6	85	4000	1		
				Cutting	Basswood	2	100	400		1
						5	100	200		1
					8	100	250	2		
					10	100	180	3		
			Bamboo		5	100	200	1		
			Kraft paper		0.2	100	4000	1		
			Red card paper		0.2	100	4000	1		
			Red felt		0.8	100	3800	1		
			Brown leather		0.65	100	2000	1		
			Black acrylic	4.6	100	300	1			
				7.6	100	250	3			