

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	40W(Normal)	400mm*415mm	雕刻	椴木板	2	25	6000	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理想的效果： 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、功率的轻微左异也会影响实际效果，建议进行测试。 3.切割时，切割处的底面应是空（如使用蜂窝板），以保证切割效果。同时对工作台做好防护（如垫上铝板等激光不易穿透的材料）。
				竹签	5	25	6000	1	
				牛皮纸	0.2	12	6000	1	
				红色卡纸	0.2	8	6000	1	
				红色毛毡纸	0.8	7	6000	1	
				棕色皮革	0.65	12	6000	1	
				黑色亚克力	4.6	26	4000	1	
				阳极氧化铝	3	30	6000	1	
				拉丝不锈钢	2	40	6000	1	
				瓷板（表面涂黑墨水）	6	28	4000	1	
			切割	椴木板	2	100	1000	1	
					5	100	700	1	
					8	100	400	1	
					10	100	300	1	
					15	100	150	1	
				竹签	5	100	800	1	
				牛皮纸	0.2	40	4000	1	
				红色毛毡	0.8	35	4000	1	
				棕色皮革	0.65	70	4000	1	
				黑色亚克力	4.6	100	180	1	
					7.6	100	120	1	

40W激光模组具有可调光束功能，通电后长按Reset按钮2秒可进行模式切换，同时激光模组顶部的指示灯可指示当前模式。

本页面的推荐参数为**Normal**模式下的推荐参数。

如果激光模组处于**Precise**模式，请参考22W推荐参数。

The laser beam of the 40W Laser module can be adjusted by holding on the "Reset Button" for 2 seconds after power on. The indicator lights on the laser module can indicate the current mode.

The recommended parameters on this page are for **Normal** mode.

Please refer to "Recommended parameters for 22W" if you engrave or cut in **Precise** mode.

Model	Laser Power	Engraving Size	Processing Mode	Material	Thickness(mm)	Recommended Power (%)	Recommended Work Speed(mm/min)	Passes	Notes
Creality Falcon2	40W(Normal)	400mm*415mm	Engraving	Bamboo	2	25	6000	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(see 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).
				Basswood	5	25	6000	1	
				Kraft paper	0.15	12	6000	1	
				Red card paper	0.2	8	6000	1	
				Red felt	0.8	7	6000	1	
				Brown leather	0.65	12	6000	1	
				Black acrylic	4.6	26	4000	1	
				anodized aluminum	3	30	6000	1	
				Brushed Stainless steel	2	40	6000	1	
				White tile painted black	6	28	4000	1	
			Cutting	椴木板	2	100	1000	1	
					5	100	700	1	
				Basswood	8	100	400	1	
					10	100	300	1	
					15	100	150	1	
				Bamboo	5	100	800	1	
				Kraft paper	0.2	40	4000	1	
				Red card paper	0.2	30	4000	1	
				Red felt	0.8	35	4000	1	
				Brown leather	0.65	70	4000	1	
				Black acrylic	4.6	100	180	1	
					7.6	100	120	2	