Model	Laser Power	Engraving Size	Processing Mode	Material	Thickness(mm)	Recommended Power (%)	Recommended Work Speed(mm/min)	Passes	Notes
Creality Falcon2/ Creality Falcon2 Pro	22W	400mm*415mm	Engraving	Basswood	2	40	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).
				Walnut Plywood	3	35	6000	1	
				Rosewood Plywood	3	35	6000	1	
				Bamboo	3	40	6000	1	
				Kraft Paper	0.15	18	6000	1	
				Red Card Paper	0.2	15	6000	1	
				Red Felt	0.8	13	6000	1	
				Brown Leather	0.65	18	6000	1	
				Black Opaque Glossy Acrylic	3	50	4000	1	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:
				Purple Opaque Glossy Acrylic	3	50	6000	1	
				Red Opaque Glossy Acrylic	3	50	6000	1	
				Orange Opaque Glossy Acrylic	3	50	6000	1	
				Green Opaque Glossy Acrylic	3	50	6000	1	
				Red Transparent Acrylic	3	20	3000	1	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.
				Yellow Transparent Acrylic	3	20	3000	1	
				Green Transparent Acrylic	3	20	3000	1	
				Black Frosted Acrylic	3	40	3000	1	
				Orange Frosted Acrylic	3	60	1200	1	
				Green Frosted Acrylic	3	60	1200	1	
				Purple Frosted Acrylic	3	60	1000	1	
				Anodized Aluminum	3	60	6000	1	
				Brushed Stainless Steel	2	80	6000	1	
				White Tile Painted Black	6	50	4000	1	
			Cutting	Basswood	2	100	700	1	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).
				Basswood	3	100	550	1	
				Basswood	5	100	400	1	
				Basswood	8	100	240	1	
				Basswood	10	100	120	1	
				Walnut Plywood	3	100	450	1	
				Walnut Plywood	5	100	350	1	
				Rosewood Plywood	3	100	450	1	
				Rosewood Plywood	5	100	350	1	
				Bamboo	3	100	450	1	
				Kraft Paper	0.2	80	4000	1	
				Red Card Paper	0.2	50	4000	1	
				Red Felt	0.8	55	4000	1	
				Brown Leather	0.65	100	2000	1	
				Black Acrylic	4.6	100	120	1	
				Black Acrylic	7.6	100	120	2	
				Purple Opaque Glossy Acrylic	3	55	120	2	
				Red Opaque Glossy Acrylic	3	55	120	1	
				Orange Opaque Glossy Acrylic	3	55	120	2	
				Green Opaque Glossy Acrylic	3	55	120	3	
				Red Transparent Acrylic	3	55	120	3	
				Yellow Transparent Acrylic	3	55	120	2	
				Green Transparent Acrylic	3	55	120	3	
				Black Frosted Acrylic	3	55	180	1	
				Orange Frosted Acrylic	3	55	120	3	
				Green Frosted Acrylic	3	55	120	3	
				Purple Frosted Acrylic	3	55	120	3	