Model	Laser Power	Engraving Size	Processing Mode	Material	Thickness (mm)	Recommended Power (%)	Recommended Work Speed(mm/min)	Passes	Notes
				Basswood	2	25	6000	1	
Creality Falcon2/ Creality Falcon2 Pro		400mm*415mm	Engraving	Walnut Plywood	3	20	6000	1	
	40# (Normal)			Rosewood Plywood	3	20	6000	1	
				Bamboo	3	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 Opaque Glossy Acrylic	3	26	4000	1	
				Purple Opaque Glossy Acrylic	3	26	6000	1	
				Red Opaque Glossy Acrylic	3	26	6000	1	
				Orange Opaque Glossy Acrylic	3	26	6000	1	
				Green Opaque Glossy Acrylic	3	26	6000	1	
				Red Transparent Acrylic	3	12	3000	1	
				Yellow Transparent Acrylic	3	12	3000	1	
				Green Transparent Acrylic	3	12	3000	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).
				Black Frosted Acrylic	3	22	3000	1	
				Orange Frosted Acrylic	3	30	1200	1	
				Green Frosted Acrylic	3	30	1200	1	
				Purple Frosted Acrylic	3	30	1000	1	2. The parameters are for reference only because the color of
				Anodized Aluminum	3	30	6000	1	the material is different and it will lead to a different
				Brushed Stainless Steel	2	40	6000	1	effect. You can achieve a desired effect by adjusting the parameters:
				White Tile Painted Black	6	28	4000	1	
			Cutting	Basswood	2	100	1000	1	Generally higher power or slower speed make deeper effect;
					3	100	850	1	Lower power or faster speed make shallower effect. In addition,
					5	100	700	1	engraving on brushed stainless steel can achieve colorful
					8	100	400	1	effects by setting different parameters, but the oxidation
					10	100	300	1	degree of different materials is different, and slight
					15	100	150	1	differences in focal length and power will also affect the actual effect. It is recommended to do some tests on your material.
				Walnut Plywood	3 5	100	750	1	
				Rosewood Plywood Bamboo		100	600	-	
					3 5	100 100	750 600	1	3. The bottom surface of the cutting place should be
					5	100	800	-	
					0, 2	40	4000	-	suspended(use a honeycomb worktable) when cutting. You should protect the workbench (such as using aluminum plates or other
				Kraft Paper Red Card Paper	0.2	30	4000		materials that are not easily penetrated by laser).
				Red Card Paper Red Felt	0.2	35	4000	i	materials that are not easily penetrated by laser).
					0,65	70	4000	-	
				Brown Leather Black Acrylic Purple Opaque Glossy Acrylic	4.6	100	180	i	
					7.6	100	120	2	
					3	30	120	2	
				Red Opaque Glossy Acrylic	3	30	120	ĩ	
				Orange Opaque Glossy Acrylic	3	30	120	9	
				Green Opaque Glossy Acrylic	3	30	120	3	
				Red Transparent Acrylic	3	30	120	3	
				Yellow Transparent Acrylic	3	30	120	2	
				Green Transparent Acrylic	3	30	120	3	
				Black Frosted Acrylic	3	30	180	1	
				Orange Frosted Acrylic	3	30	120	3	
				Green Frosted Acrylic	3	30	120	3	
				Purple Frosted Acrylic	3	30	120	3	
				ruspic saosted actylic		30	120		

The recommended parameters on this page are for Normal mode. The laser beam of the 40% 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. Please refer to "Recommended Parameters for 22%" if you engrave or cut in Precise mode.