

Model	Laser Power	Engraving Size	Processing Mode	Material	Thickness(mm)	Recommended Power (%)	Recommended Work Speed(mm/min)	Passes	Notes				
Creality Falcon2 Pro	60W(Powerful)	400mm*400mm	Engraving	Basswood	2	The laser beam of the 60W laser module can be adjusted by holding on the "Reset Button" on the top of the laser module for 2 seconds. The indicator lights on the laser module can indicate the current mode. It is recommended to switch to Precise mode when engraving and refer to "Recommended Parameters for 22W.pdf" for settings.				<p>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).</p> <p>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.</p> <p>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.</p> <p>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).</p> <p>4. For reflective materials, the LENS may flash red and the device may stop working during processing. Please connect the machine and enter \$135-0 in the software console and press Enter to disable lens contamination alarm before processing on the premise of safety.</p>			
				Walnut Plywood	3								
				Rosewood Plywood	3								
				Bamboo	5								
				Kraft Paper	0.2								
				Red Card Paper	0.2								
				Red Felt	0.8								
				Brown Leather	0.65								
				Black Opaque Glossy Acrylic	3								
				Purple Opaque Glossy Acrylic	3								
				Red Opaque Glossy Acrylic	3								
				Orange Opaque Glossy Acrylic	3								
				Green Opaque Glossy Acrylic	3								
				Red Transparent Acrylic	3								
				Yellow Transparent Acrylic	3								
				Green Transparent Acrylic	3								
				Black Frosted Acrylic	3								
				Orange Frosted Acrylic	3								
			Green Frosted Acrylic	3									
			Purple Frosted Acrylic	3									
			Anodized Aluminum	3									
			Brushed Stainless Steel	2									
			White Tile Painted Black	6									
			Cutting	White Tile Painted Black	2						100	1200	1
				White Tile Painted Black	3						100	1100	1
				Basswood	5						100	900	1
					8						100	600	1
					10						100	350	1
					15						100	250	1
					3						100	900	1
				Walnut Plywood	5						100	700	1
				Rosewood Plywood	3						100	900	1
				Bamboo	5						100	700	1
				Bamboo	3						100	950	1
				Kraft Paper	0.2						30	4000	1
				Red Card Paper	0.2						28	4000	1
				Red Felt	0.8						29	4000	1
				Brown Leather	0.65						60	4000	1
				Black Acrylic	4.8						100	230	1
				Black Acrylic	7.6						100	160	1
Purple Opaque Glossy Acrylic	3	30		140	2								
Red Opaque Glossy Acrylic	3	30		140	1								
Orange Opaque Glossy Acrylic	3	30		140	2								
Green Opaque Glossy Acrylic	3	30		120	2								
Red Transparent Acrylic	3	30		160	2								
Yellow Transparent Acrylic	3	30	140	2									
Green Transparent Acrylic	3	30	150	2									
Black Frosted Acrylic	3	30	230	1									
Orange Frosted Acrylic	3	30	150	3									
Green Frosted Acrylic	3	30	120	2									
Purple Frosted Acrylic	3	30	120	2									

The recommended parameters on this page are for **Powerful** mode.
Please refer to "Recommended Parameters for 40W.pdf" if you engrave or cut in **Normal** mode.
Refer to "Recommended Parameters for 22W.pdf" if you engrave or cut in **Precise** mode.