

Material	Model	Power %	Speed (mm/sec)	Frequency	Passes	Line Spacing	Notes	These are all approximate settings and may vary from machine to machine depending on the current lens installed and laser source
Acrylic	50 Watt	40	1000	20			DPI-750	
Steel Deep Engraving	50 Watt	100	1200	25	25-50	.02mm	Run clean up pass at the very end at 25%pwr	
Painted Aluminum Business Card	50 Watt	30	1000	45	1	.03mm		
White On Anodized Aluminum	50 Watt	100	2000	55	1	.03mm		
White/Frost On Aluminum	50 Watt	100	2000	45	2	.03mm		
Dark Engraving Aluminum	50 Watt	100	250	30	1	.02mm		
Aluminum Deep Engrave	50 Watt	100	1500	35	25	.02mm		
Gold Engraving 18K	50 Watt	50	1000	20	1-3	.02mm		
Engrave On Stone	50 Watt	75	700	20	5	.02mm		
Black Color Marking On Steel	50 Watt	100	300	20	1-5	.02mm	Unfocus 10mm	
Anneal Stainless Steel	50 Watt	100	300	20	1-3	.03mm	Unfocus 10mm	
Bleach Black Acrylic	50 Watt	30	300	55	1	Rasterize/300dpi		
PMAG	50 Watt	30	1500	50	1	.01mm		
Stippling Glock Frames	50 Watt	40	1500	6008mm	Many Passes, Let Material Cool Down Every Few Sets Of Passes	
Slate	50 Watt	60	1000	40	1	.02mm		
Carbon Fiber Engraving	50 Watt	80	1000	45	1-3	.05mm		
Natural Leather	50 Watt	40	1200	35	1	.05mm	STINKS	
ChalkBoard	50 Watt	40	1000	40	2	.02mm	grey/white look	
Brass (Cut)	50 Watt	100	1000	20	2000	.02mm	Metal will warp, Weight it down or put it in a vice	
Matte (removal)	50 Watt	25	1000	20	2	.02mm	2nd pass will be a clean up at 15-20pwr	
General Plastics	50 Watt	15	1000	40	1	.02mm		
Acrylic	20 Watt	60	1000	20			DPI-750	
Engrave Black Leather	20 Watt	45	2500	40	1	.03mm		
Painted Aluminum Business Card	20 Watt	80	1000	40	1	.03mm		
Steel Deep Engraving	20 Watt	100	600	25	1	.02mm		
Painted Aluminum Business Card	20 Watt	30	500	40	1	.03mm		
White On Anodized Aluminum	20 Watt	100	1000	50	1	.03mm		
White/Frost On Aluminum	20 Watt	100	1000	40	1	.03mm		
Dark Engraving Aluminum	20 Watt	100	150	30	1	.02mm		
Aluminum Deep Engrave	20 Watt	100	700	30	1	.02mm		