

Section 12: Speed and Power Recommendations

75 Watt

	300 DPI RASTER ENGRAVING	400 DPI RASTER ENGRAVING	600 DPI RASTER ENGRAVING	VECTOR CUTTING
	SPEED/POWER	SPEED/POWER	SPEED/POWER	SPEED/POWER/FREQUENCY
Wood Cherry – Alder - Walnut	80/100	90/100	100/100	1/8" (3 mm) – 20/100/20 1/4" (6 mm) – 10/100/20 3/8" (9.5 mm) – 6/100/20 (two passes may produce better results)
Acrylic	100/35	100/30	100/25	1/8" (3 mm) – 15/100/100 1/4" (6 mm) – 6/100/100 3/8" (9.5 mm) – 4/100/100 (two passes may produce better results) Adjusting the standard focus distance so it is closer to the lens by about .030" will produce better edge quality on 1/4" and thicker acrylic.
AlumaMark	100/25	100/20	100/15	N/A
Anodized Aluminum	100/45	100/35	100/25	N/A
Painted Brass	100/40	100/30	100/20	N/A
Marbleized Painted Brass	100/35	100/30	100/25	N/A
Corian Or Avonite	65/100	75/100	85/100	1/8" (3 mm) – 50/80/100
Delrin Seals	100/30	100/25	100/20	60/75/50
Glass	75/100	80/100	85/100	N/A
Laserable Plastic	100/40	100/30	100/25	30/70/100
Leather	100/30	100/20	100/15	1/8" (3 mm) - 30/100/50
Marble	100/85	100/75	100/65	N/A
Mat board	100/40	100/30	100/20	50/30/50
Melamine	100/80	85/70	100/60	N/A
Stainless Steel With Cerdec Coating	N/A	70/100	80/100	N/A
Rubber & Rubber Stamps	40/100	50/100	60/100	40/100/100