

Section 12: Speed and Power Recommendations

50 Watt - Epilog Mini/Helix

	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	30/100	50/100	70/100	1/8" (3 mm) – 30/80/500 1/4" (6 mm) – 10/100/500 3/8" (9.5 mm) – 6/100/500 (two passes may produce better results)
Acrylic	100/50	100/40	100/35	1/8" (3 mm) – 15/100/5000 1/4" (6 mm) – 8/100/5000 3/8" (9.5 mm) – 3/100/5000 (two passes may produce better results)
AlumaMark	100/40	100/35	100/30	N/A
Anodized Aluminum	100/60	100/50	100/40	N/A
Painted Brass	100/35	100/30	100/25	N/A
Marbleized Painted Brass	100/45	100/40	100/35	N/A
Corian Or Avonite	20/100	30/100	40/100	1/8" (3 mm) – 50/100/5000
Delrin Seals	100/60	100/50	100/40	60/95/5000
Glass	30/100	40/100	50/100	N/A
Laserable Plastic	100/50	100/40	100/30	30/50/5000
Leather	100/50	100/40	100/30	1/8" (3 mm) - 50/80/500
Marble	20/100	40/100	60/100	N/A
Mat board	100/65	100/55	100/45	50/50/500
Melamine	100/80	100/70	100/60	N/A
Stainless Steel With Cerdec Coating	N/A	35/100	40/100	N/A
Rubber & Rubber Stamps	15/100	20/100	30/100	20/100/100