

25 Watt Laser Settings

These settings are recommended STARTING Points. Laser engravers vary and adjustments may be necessary to achieve optimum results.

	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	25/100	30/100	35/100	1/8" (3 mm) – 20/100/500 1/4" (6.4 mm) – 5/100/500 (multiple passes may allow cutting of thicker materials)
Acrylic	100/95	100/85	100/75	1/8" (3 mm) – 10/100/5000 1/4" (6.4 mm) – 4/100/5000 (multiple passes may allow cutting of thicker materials)
Anodized Aluminum	40/100	60/100	85/100	N/A
Brass-Painted	100/75	100/65	100/55	N/A
Marbleized Painted Brass	100/85	100/75	100/65	N/A
Corian Or Avonite	15/100	20/100	25/100	1/8" (3 mm) – 10/100/5000
Delrin Seals	100/90	100/80	100/70	50/100/500
Glass	15/100	20/100	25/100	N/A
Laserable Plastic	80/100	100/95	100/85	30/100/500
Leather	100/75	100/65	100/55	1/8" (3 mm) - 30/100/500
Marble	10/100	15/100	20/100	N/A
Mat board	100/70	100/60	100/50	20/50/500
Melamine	30/100	40/100	50/100	N/A
Stainless Steel With Cerdec Coating	10/100	15/100	20/100	N/A
Rubber & Rubber Stamps	N/A	10/100	20/100	10/100/100

35 Watt Laser Settings

These settings are recommended STARTING Points. Laser engravers vary and adjustments may be necessary to achieve optimum results.

	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	35/100	40/100	1/8" (3 mm) – 30/100/500 1/4" (6.4 mm) – 7/100/500 (multiple passes may allow cutting of thicker materials)
Acrylic	100/75	100/65	100/55	1/8" (3 mm) – 12/100/5000 1/4" (6.4 mm) – 4/100/5000 (multiple passes may allow cutting of thicker materials)
Anodized Aluminum	100/100	100/90	100/80	N/A
Brass-Painted	100/65	100/55	100/45	N/A
Marbleized Painted Brass	100/75	100/65	100/55	N/A
Corian Or Avonite	20/100	25/100	30/100	1/8" (3 mm) – 20/100/5000
Delrin Seals	100/70	100/60	100/50	60/100/500
Glass	25/100	30/100	35/100	N/A
Laserable Plastic	100/80	100/70	100/60	25/80/500
Leather	100/65	100/55	100/45	1/8" (3 mm) - 35/50/500
Marble	15/100	20/100	25/100	N/A
Mat board	100/65	100/55	100/40	30/50/500
Melamine	40/100	50/100	60/100	N/A
Stainless Steel With Cerdec Coating	15/100	20/100	25/100	N/A
Rubber & Rubber Stamps	10/100	20/100	30/100	15/100/100

40/45 Watt Laser Settings

These settings are recommended STARTING Points. Laser engravers vary and adjustments may be necessary to achieve optimum results.

	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	25/100	35/100	45/100	1/8" (3 mm) – 35/100/500 1/4" (6.4 mm) – 10/100/500 3/8" (9.5 mm) – 4/100/500 (two passes may produce better results)
Acrylic	100/55	100/45	100/35	1/8" (3 mm) – 15/100/5000 1/4" (6.4 mm) – 6/100/5000 3/8" (9.5 mm) – 3/100/5000 (two passes may produce better results)
Anodized Aluminum	100/90	100/80	100/70	N/A
Brass-Painted	100/55	100/45	100/35	N/A
Marbleized Painted Brass	100/65	100/55	100/45	N/A
Corian Or Avonite	25/100	30/100	35/100	1/8" (3 mm) – 30/100/5000
Delrin Seals	100/60	100/50	100/40	70/100/1000
Glass	25/100	35/100	45/100	N/A
Laserable Plastic	100/65	100/50	100/40	30/75/500
Leather	100/55	100/45	100/35	1/8" (3 mm) - 40/50/500
Marble	20/100	25/100	30/100	N/A
Mat board	100/65	100/45	100/30	50/50/500
Melamine	50/100	60/100	70/100	N/A
Stainless Steel With Cerdec Coating	20/100	25/100	30/100	N/A
Rubber & Rubber Stamps	20/100	30/100	40/100	20/100/100

60 Watt Laser Settings

These settings are recommended STARTING Points. Laser engravers vary and adjustments may be necessary to achieve optimum results.

	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	55/100	65/100	75/100	1/8" (3 mm) – 30/60/500 1/4" (6.4 mm) – 10/100/500 3/8" (9.5 mm) – 5/100/500 (two passes may produce better results)
Acrylic (For best results, manually Focus then drop the table down #1 click)	100/60	100/50	100/40	1/8" (3 mm) – 15/100/5000 1/4" (6.4 mm) – 6/100/5000 3/8" (9.5 mm) – 3/100/5000 (two passes may produce better results)
Anodized Aluminum (For best results, manually Focus then drop the table down #1 click)	100/60	100/50	100/40	N/A
Laser Brass	100/50	100/40	100/30	N/A
Marbleized Laser Brass	100/60	100/50	100/40	N/A
Corian Or Avonite	55/100	65/100	75/100	1/8" (3 mm) – 10/100/5000
Delrin Seals	100/60	100/50	100/40	25/75/500
Glass	65/100	85/100	100/80	N/A
Laserable Plastic	100/40	100/30	100/25	15/20/500
Leather	100/70	100/60	100/50	1/8" (3 mm) - 25/30/500
Marble	100/100	100/85	100/75	N/A
Mat board	100/60	100/50	100/40	15/20/500
Melamine	65/100	75/100	85/100	N/A
Stainless Steel With Cerdec Coating	N/A	80/100	100/100	N/A

75 Watt Laser Settings

These settings are recommended STARTING Points. Laser engravers vary and adjustments may be necessary to achieve optimum results.

	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	65/100	75/100	85/100	1/8" (3 mm) – 30/40/500 1/4" (6.4 mm) – 10/65/500 3/8" (9.5 mm) – 6/100/500 (two passes may produce better results)
Acrylic (For best results, manually Focus then drop the table down #1 click)	100/50	100/40	100/30	1/8" (3 mm) – 20/100/5000 1/4" (6.4 mm) – 8/100/5000 3/8" (9.5 mm) – 3/100/5000 (two passes may produce better results)
Anodized Aluminum (For best results, manually Focus then drop the table down #1 click)	100/50	100/40	100/30	N/A
Laser Brass	100/40	100/30	100/20	N/A
Marbleized Laser Brass	100/50	100/40	100/30	N/A
Corian Or Avonite	65/100	75/100	85/100	1/8" (3 mm) – 20/100/5000
Delrin Seals	100/50	100/40	100/30	30/75/500
Glass	75/100	100/100	100/80	N/A
Laserable Plastic	100/35	100/25	100/20	20/20/500
Leather	100/60	100/50	100/40	1/8" (3 mm) - 25/30/500
Marble	100/85	100/75	100/65	N/A
Mat board	100/50	100/40	100/20	20/20/500
Melamine	75/100	85/100	100/100	N/A
Stainless Steel With Cerdec Coating	N/A	100/100	100/80	N/A