

Laser Settings for AlumaMark

Universal Lasers

Models: M-360, V-460, X-660, X2-Superspeed

Raster Engraving

LASER WATTAGE	POWER	SPEED	PPI
10	90	60	500
25	55	80	500
30	48	80	500
35	41	80	500
40	34	80	500
45	27	80	500
50	27	80	500
55	15	80	500
60	13	80	500

Vector Engraving

LASER WATTAGE	POWER	SPEED	PPI
10	12	4.0	1000
25	6	4.0	1000
30	6	4.0	1000
35	5	4.0	1000
40	5	4.0	1000
45	4	4.0	1000
50	4	4.0	1000
55	3	4.0	1000
60	3	4.0	1000

Models: M-300, V-400, X-600, X2-600 (Older Series Machines)

Raster Engraving

LASER WATTAGE	POWER	SPEED	PPI
10	92	80	500
25	57	100	500
30	50	100	500
35	43	100	500
40	36	100	500
45	29	100	500
50	22	100	500
55	17	100	500
60	15	100	500

Vector Engraving

LASER WATTAGE	POWER	SPEED	PPI
10	12	4.0	1000
25	6	4.0	1000
30	6	4.0	1000
35	5	4.0	1000
40	5	4.0	1000
45	4	4.0	1000
50	4	4.0	1000
55	3	4.0	1000
60	3	4.0	1000

Comments: (From Universal Laser Company)

Focusing on AlumaMark is very critical. If material deviates from focus then engraving quality may suffer. Image enhancement is recommended for detailed graphics and text.

Please note: For the Universal Laser VersaLaser Series, templates for AlumaMark have been included with the current drivers. Manual settings will not be necessary.

Epilog Laser Model TT 35 watts

RASTER	POWER	SPEED	DPI	AC	RC	AUTO FOCUS	AUTO FOCUS ADJUSTMENT
Basic	10	30	600	6	9	On	+110 to +115

Epilog Laser Model 45 watt Mini

POWER	SPEED	DPI	AUTO FOCUS	AUTO FOCUS ADJUSTMENT
40	20	600	On	(stop + x/y) +90 to +100

Epilog Laser 24 EX – 40 watt

POWER	SPEED	DPI	AUTO FOCUS	AUTO FOCUS ADJUSTMENT
25	30	600	On	+125

Various other models:

(DPI should be set at 600 or higher for optimal results)

LASER MODEL	SPEED	POWER
LaserPro 12.5 watt	75	35 (satin silver)
		38 (all other finishes)
LaserPro 35 watt	100	12
LaserPro 50 watt	100	30
Trotec Speedy2 30 watt	15	15
Trotec Speedy2 45 watt	20	13
	Slightly out of focus “High Quality Engraving” checked	1000 PPI