

## LASER SETTINGS FOR ALUMAMARK

### Universal Lasers

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

#### *Raster Engraving*

| <u>LASER WATTAGE</u> | <u>POWER</u> | <u>SPEED</u> | <u>PPI</u> |
|----------------------|--------------|--------------|------------|
| 10                   | 90           | 60           | 500        |
| 25                   | 55           | 80           | 500        |
| 30                   | 48           | 80           | 500        |
| 35                   | 41           | 8            | 500        |
| 40                   | 34           | 80           | 500        |
| 45                   | 27           | 80           | 500        |
| 50                   | 27           | 80           | 500        |
| 55                   | 15           | 80           | 500        |
| 60                   | 13           | 80           | 500        |

#### *Vector Engraving*

| <u>LASER WATTAGE</u> | <u>POWER</u> | <u>SPEED</u> | <u>PPI</u> |
|----------------------|--------------|--------------|------------|
| 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*

| <u>LASER WATTAGE</u> | <u>POWER</u> | <u>SPEED</u> | <u>PPI</u> |
|----------------------|--------------|--------------|------------|
| 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*

| <u>LASER WATTAGE</u> | <u>POWER</u> | <u>SPEED</u> | <u>PPI</u> |
|----------------------|--------------|--------------|------------|
| 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

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