

# Suggested Power and Speed Settings

FULL SPECTRUM – 90 WATT LASER



Approved Material	Engrave		Cut	
	Speed	Power	Speed	Power
-----				
Wood 1/8" (3mm)	100%	5%	60%	100%
Wood 1/4" (6mm)	100%	5%	40%	100%
Wood 1/2" (12mm) Vector cut may not be successful.	100%	5%	50%*	80%*
Wood 3/4" Vector cut not recommended.	100%	5%	No	No
Cardboard 1/4"	100%	1%	100%	10%
Melamine	TBD	TBD	TBD	TBD
Slate	100%	100%	No	No
Glass	100%	2% 250dpi	No	No
PLA plastic	100%	1%	TBD	TBD
Anodized Metals	15%	80%	No	No
Natural Fibers →Note	100%	.01%	100%	10%
Mother of Pearl	No	No	TBD	TBD

Approved Material	Engrave		Cut	
	Speed	Power	Speed	Power
-----				
Matte Board	100%	1%	100%	20%
Cork 1/8"	100%	5%	100%	25%
Pressboard	100%	1%	100%	20%
Paper	No	No	100%	1%
Delrin	TBD	TBD	TBD	TBD
Mylar or Dura-Lar	100%	10%	TBD	TBD
Ceramic or Stone	5%	100%	No	No
Coated Metal #	100%	15%	No	No
Leather 1/8" (3mm)	100%	10%	90%	100%
Acrylic 1/8" (3mm)	100%	1%	50%	90%
Optic Crystal - laserable	100%	15%	No	No

## DECIMAL CONVERSIONS

1/32 = 0.03125

1/16 = 0.0625

1/8 = 0.125

1/4 = 0.25

1/2 = 0.5

\* Very low chance of success.

# CerMark Spray LMM6000  
(not provided by library)

# Powder Coat / DuraCoat

# Painted