

PERFECT LASER

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Suggested Laser Cutter Settings

The following are *suggested* laser cutter configuration settings for various materials.

Your settings may vary depending on material and supplier.

Always use the lowest power possible to preserve the life of your laser tube.

For help, call 011 036 6062 or 021 839 5594,
or send an email to techsupport@perfectlaser.co.za

	50 Watt		60 Watt		80 Watt		100 Watt	
	POWER %	SPEED mm/s	POWER %	SPEED mm/s	POWER %	SPEED mm/s	POWER %	SPEED mm/s
ACRYLIC								
LIGHT RASTER ENGRAVE	15	300	10	300	10	300	10	300
DEEP RASTER ENGRAVE	30	300	20	300	20	300	20	300
VECTOR ENGRAVE	15	30	15	30	12	40	12	40
VECTOR CUT	55	10	50	10	45	10	40	10
ANODIZED ALUMINUM								
RASTER ENGRAVE	50	300	50	320	40	320	40	360
VECTOR ENGRAVE	50	20	45	20	35	30	30	40
CORK								
RASTER ENGRAVE	30	200	20	200	20	300	20	360
VECTOR ENGRAVE	20	30	20	30	20	40	20	50
VECTOR CUT	80	10	60	10	50	10	50	15
GLASS								
RASTER ENGRAVE	70	200	70	300	60	300	60	360
VECTOR ENGRAVE	50	20	50	25	50	30	50	35
LEATHER								
RASTER ENGRAVE	40	300	35	300	30	300	30	360
VECTOR ENGRAVE	30	25	30	35	25	30	25	35
VECTOR CUT	80	10	70	10	60	10	50	10
MARBLE								
RASTER ENGRAVE	90	300	80	300	80	320	80	360
VECTOR ENGRAVE	60	20	60	20	50	25	50	30
MATTE BOARD								
RASTER ENGRAVE	15	200	15	240	15	300	15	360
VECTOR CUT	20	20	20	25	15	25	15	30
MDF (3mm)								
LIGHT RASTER ENGRAVE	30	300	30	320	25	360	20	360
DEEP RASTER ENGRAVE	50	300	50	300	40	300	35	360
VECTOR ENGRAVE	30	20	30	25	30	30	30	35
VECTOR CUT	60	10	50	10	50	10	50	15
(MAXIMUM MDF CUTTING DEPTH : 50W = 4mm, 60W = 6mm+, 80W = 9mm+, 100W = 12mm+, 150W = 15mm+)								
ROWMARK								
LIGHT RASTER ENGRAVE	15	300	15	300	15	320	15	360
DEEP RASTER ENGRAVE	20	300	20	300	20	320	20	360
VECTOR ENGRAVE	30	15	30	20	30	25	30	30
VECTOR CUT	40	10	35	10	30	10	25	10
RUBBER STAMPS								
RASTER ENGRAVE	60	300	60	300	50	320	50	360
VECTOR CUT	60	10	60	10	50	10	50	10
VINYL SHEET								
VECTOR CUT	15	15	15	20	10	20	10	25