

Parameter Table for B1 40W Laser Engraver							
Material	Action	Thickness	Power for Lightburn	Power for LaserGRBL	Speed mm/min	Cycles	Cycles
Bamboo	Engraving	-	50%	500%	10000	1	
Cardboard (carton)		-	40%	400%	10000	1	
Hardwood		-	40%	400%	10000	1	
Eraser		-	70%	700%	5000	1	
Ceramic		-	80%	800%	4000	1	
Pine wood		-	50%	500%	10000	1	
Leather		-	30%	300%	10000	1	
Denim		-	30%	300%	10000	1	
Kraft paper		-	10%	100%	6000	1	
Mirror		-	60%	600%	10000	1	
High density foam		-	15%	150%	10000	1	
Powder Coated Metal(black)		-	100%	1000%	300	1	
Cobblestone		-	60%	600%	5000	1	
Basswood		-	30%	300%	10000	1	
Electroplated aluminum (purple pink)		-	60%	600%	6000	1	
Stainless Steel		-	80%	800%	10000	1	
Glass		-	50%	500%	3000	1	painted blue
black acrylic		-	30%	300%	10000	1	
Translucent Acrylic (Orange)		-	25%	250%	2500	1	
PCB copper plate		-	90%	900%	5000	1	
MDF		-	35%	350%	10000	1	
Cardboard (carton)	Cutting	3mm	100%	1000%	6000	1	
Acrylic		3mm	100%	1000%	500	1	
Acrylic		10mm	100%	1000%	130	2	
Acrylic		15mm	100%	1000%	100	2	Defocus 10mm
non-woven fabric		0.18mm	100%	1000%	6000	1	
Pine wood		15mm	100%	1000%	150	1	Defocus 2mm
Pine wood		20mm	100%	1000%	200	1	Defocus 2mm
Leather		0.5mm	100%	1000%	7000	1	
Paulownia wood		15mm	100%	1000%	350	1	Defocus 2.5mm
Paulownia wood		20mm	100%	1000%	300	1	Defocus 2.5mm
Paulownia wood		25mm	100%	1000%	200	1	Defocus 10mm
Denim		0.5mm	100%	1000%	3500	1	
Kraft paper		0.1mm	100%	1000%	18000	1	
Basswood		2mm	100%	1000%	1800	1	
Basswood		3mm	100%	1000%	1400	1	
Basswood		5mm	100%	1000%	900	1	
Basswood		6mm	100%	1000%	600	1	
Basswood		8mm	100%	1000%	270	1	Defocus 2.5mm
Basswood		9.5mm	100%	1000%	450	1	Defocus 2.5mm
Basswood		15mm	100%	1000%	150	1	Defocus 2.5mm
Basswood		20mm	100%	1000%	100	1	Defocus 10mm
Hardwood		11mm	100%	1000%	250	1	Defocus 2.5mm
Stainless Steel		0.05mm	100%	1000%	3000	1	
Stainless Steel		0.1mm	100%	1000%	500	1	
Stainless Steel		0.15mm	100%	1000%	100	1	
MDF		5mm	100%	1000%	700	1	Defocus 2.5mm
MDF		12mm	100%	1000%	500	5	Defocus 2.5mm
Basswood		40mm	100%	1000%	300	20	Defocus 10mm
Acrylic		50mm	100%	1000%	300	22	Defocus 10mm
Pine wood		30mm	100%	1000%	100	3	Defocus 10mm