

Laser Material Compatibility Chart																								
Always refer to the manufacturers technical documentation																								
Laser Type	Power (W)	Wood (Cut)	Wood (Engrave)	Clear Acrylic (Cut)	Clear Acrylic (Engrave)	Colored Acrylic (Cut)	Colored Acrylic (Engrave)	Leather (Cut)	Leather (Engrave)	Stone (Cut)	Stone (Engrave)	Glass (Cut)	Glass (Engrave)	Coated Glass (Engrave)	Plastic (Cut)	Plastic (Engrave)	Fabric (Cut)	Fabric (Engrave)	Metal (Cut)	Metal (Engrave)	Annodized Metal (Cut)	Annodized Metal (Engrave)	Coated Metal (Cut)	Coated Metal (Engrave)
Diode Laser	5-40W	✓	✓	✗	✗	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✗	✗	✓	✓	✓	✓
IR Diode Laser	20W	✗	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✗	✓ (thin)	✗	✓ (thin)	✗	✓ (thin)
CO2 Laser	25-150W	✓	✓	✓	✓	✓	✓	✓	✓	✓ (150W+)	✓	✓ (150W+)	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗
Fiber Laser	20-50W	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓