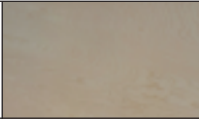
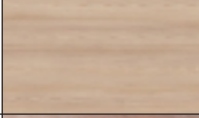

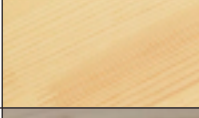
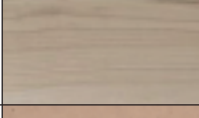
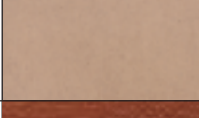
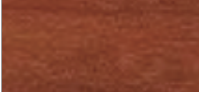


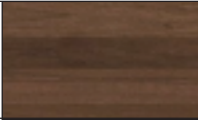

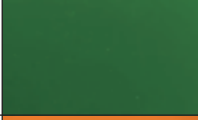
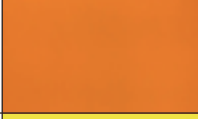



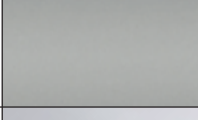

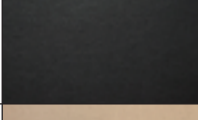
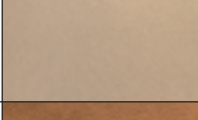



- The results would be different in even the same material with different finishing or different colors, so you need to adjust the speed and power rate based on different objects. Also, please adjust the focal length to an appropriate state, making the focal spot to be the smallest.
- These materials cannot be engraved or cut directly: glossy metal plates, transparent materials, reflective materials, partially white or light-transmitting materials, etc. You may need to use the marker pen to black it to engrave these materials.
- It is recommended that the minimum cutting speed of 10W and above laser modules should not be less than 200mm, otherwise, the cutting materials may easily catch fire!
- When the laser engraver is working, the operator must pay close attention and not leave it alone to prevent the engraved material from catching fire. Please set up the laser engraver in a fireproof area and ensure good ventilation. If possible, we recommend that you purchase a fire extinguisher and keep it close to the laser engraving machine.


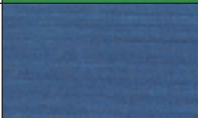
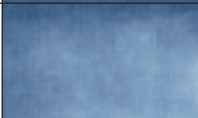

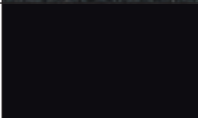

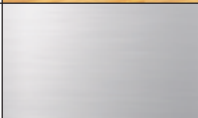

To Engraving	Material	For LaserGrbl	For Lightburn
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Birch Plywood		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 3000mm/min LaserMode: M4 SMIN:0 S-MAX:100	Image Mode: Grayscale Speed (mm/min): 3000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Basswood Plywood		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 3000mm/min LaserMode: M4 SMIN:0 S-MAX:100	Image Mode: Grayscale Speed (mm/min): 3000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Eucalyptus Plywood		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 8000mm/min LaserMode: M4 SMIN:0 S-MAX:100	Image Mode: Grayscale Speed (mm/min): 8000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Pine Board		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 3000mm/min LaserMode: M4 SMIN:0 S-MAX:100	Image Mode: Grayscale Speed (mm/min): 3000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Paulownia Plank		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 6000mm/min LaserMode: M4 SMIN:0 S-MAX:100	Image Mode: Grayscale Speed (mm/min): 6000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
MDF		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 10000mm/min LaserMode: M4 SMIN:0 S-MAX:100	Image Mode: Grayscale Speed (mm/min): 10000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Cherry Wood		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 6000mm/min LaserMode: M4 SMIN:0 S-MAX:100	Image Mode: Grayscale Speed (mm/min): 6000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05

To Engraving	Material	For LaserGrbl	For Lightburn
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Walnut		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 10000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 10000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Black Acrylic		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 12000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 12000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Green Acrylic		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 4000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 4000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Orange Acrylic		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 1000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 1000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Yellow Acrylic		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 500mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 500 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Red Acrylic		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 4000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 4000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
PolyVinyl Chloride		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 8000mm/min LaserMode: M4 SMIN:O S-MAX:50	Image Mode: Grayscale Speed (mm/min): 8000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Gray Cardboard		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 4000mm/min LaserMode: M4 SMIN:O S-MAX:50	Image Mode: Grayscale Speed (mm/min): 4000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.07
White Cardboard		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 2000mm/min LaserMode: M4 SMIN:O S-MAX:50	Image Mode: Grayscale Speed (mm/min): 2000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Black Cardboard		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 2000mm/min LaserMode: M4 SMIN:O S-MAX:20	Image Mode: Grayscale Speed (mm/min): 2000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Coated Duplex Board		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 4000mm/min LaserMode: M4 SMIN:O S-MAX:40	Image Mode: Grayscale Speed (mm/min): 4000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Leather		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 10000mm/min LaserMode: M4 SMIN:O S-MAX:30	Image Mode: Grayscale Speed (mm/min): 10000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05

To Engraving	Material	For LaserGrbl	For Lightburn
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Colored Paper		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 4000mm/min LaserMode: M4 SMIN:0 S-MAX:100	Image Mode: Grayscale Speed (mm/min): 4000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Navy Blue Canvas		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 10000mm/min LaserMode: M4 SMIN:0 S-MAX:100	Image Mode: Grayscale Speed (mm/min): 10000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Denim		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 10000mm/min LaserMode: M4 SMIN:0 S-MAX:40	Image Mode: Grayscale Speed (mm/min): 10000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Rubber		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 6000mm/min LaserMode: M4 SMIN:0 S-MAX:50	Image Mode: Grayscale Speed (mm/min): 6000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Black ABS Sheet		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 2000mm/min LaserMode: M4 SMIN:0 S-MAX:100	Image Mode: Grayscale Speed (mm/min): 2000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Bamboo		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 2000mm/min LaserMode: M4 SMIN:0 S-MAX:50	Image Mode: Grayscale Speed (mm/min): 2000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Coated Metal		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 12000mm/min LaserMode: M4 SMIN:0 S-MAX:100	Image Mode: Grayscale Speed (mm/min): 12000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Dry Leaves		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 12000mm/min LaserMode: M4 SMIN:0 S-MAX:30	Image Mode: Grayscale Speed (mm/min): 12000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05