










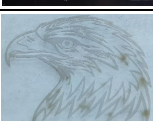




















Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.


Engraving Parameter for Common Material

| Material | Quality | Speed (mm/m) | S-Max | Needs to be blackened | Number of passes | Case illustration |
|----------------|---------|--------------|-------|-----------------------|------------------|---|
| Basswood | 10 | 20000 | 800 | NO | 1 |  |
| Pine | 10 | 15000 | 800 | NO | 1 |  |
| peach wood | 10 | 20000 | 800 | NO | 1 |  |
| Mahogany | 10 | 30000 | 800 | NO | 1 |  |
| Paulownia Wood | 10 | 30000 | 600 | NO | 1 |  |
| Bamboo | 10 | 20000 | 800 | NO | 1 |  |
| Leather | 10 | 15000 | 800 | NO | 1 |  |
| Denim | 10 | 12000 | 800 | NO | 1 |  |
| Ceramics | 10 | 6000 | 800 | Yes | 1 |  |
| Ceramic Tile | 10 | 6000 | 800 | NO | 1 |  |
| Alumina | 12 | 10000 | 800 | NO | 1 |  |
| Glass | 10 | 10000 | 800 | Yes | 1 |  |
| Acrylic | 10 | 12000 | 800 | NO | 1 |  |

| Material | Quality | Speed (mm/m) | S-Max | Needs to be blackened | Number of passes | Case illustration |
|---------------------|---------|--------------|-------|-----------------------|------------------|---|
| Translucent Acrylic | 10 | 30000 | 200 | NO | 1 |  |
| Two color plate | 10 | 30000 | 800 | NO | 1 |  |
| Plastic | 10 | 20000 | 800 | NO | 1 |  |
| Rubber | 10 | 20000 | 800 | NO | 1 |  |
| Kraft Paper | 10 | 30000 | 200 | NO | 1 |  |
| Office Paper | 10 | 20000 | 800 | NO | 1 |  |
| Oil Painting Paper | 10 | 30000 | 400 | NO | 1 |  |
| Carton | 10 | 30000 | 500 | NO | 1 |  |
| MDF | 12 | 30000 | 800 | NO | 1 |  |
| Mirrors | 10 | 25000 | 800 | YES | 1 |  |
| Rock | 10 | 25000 | 800 | NO | 1 |  |
| maple | 10 | 15000 | 800 | NO | 1 |  |

| Material | Quality | Speed (mm/m) | S-Max | Needs to be blackened | Number of passes | Case illustration |
|--------------------------------|---------|--------------|-------|-----------------------|------------------|---|
| Crystal Stone | 10 | 10000 | 800 | YES | 1 |  |
| PCB Board | 10 | 7000 | 800 | NO | 1 |  |
| Brushed Stainless Steel | 10 | 3000 | 800 | NO | 1 |  |
| Galvanized iron | 10 | 3000 | 800 | YES | 1 |  |
| Iron sheet | 10 | 1000 | 800 | YES | 1 |  |
| Brass | 12 | 500 | 800 | YES | 1 |  |
| Wrench (chrome-vanadium alloy) | 12 | 500 | 800 | YES | 1 |  |

Cutting Parameter for Common Material

| Material | Thickness | Speed (mm/m) | S-Max | Number of passes | Case illustration |
|----------------|-----------|--------------|-------|------------------|---|
| Basswood | 12mm | 120 | 800 | 1 |  |
| | 17mm | 700 | 800 | 10 |  |
| Pine | 12mm | 100 | 800 | 1 |  |
| Pine | 18mm | 650 | 800 | 9 |  |
| Paulownia wood | 15mm | 200 | 800 | 1 |  |
| | 18mm | 1000 | 800 | 8 |  |

| Material | Thickness | Speed (mm/m) | S-Max | Number of passes | Case illustration |
|-----------------------|-----------|--------------|-------|------------------|---|
| Cork wood | 15mm | 700 | 800 | 1 |  |
| | 18mm | 1000 | 800 | 3 |  |
| Bamboo | 5mm | 400 | 800 | 1 |  |
| Leather | 2mm | 400 | 800 | 1 |  |
| Kraft Paper | 0.6mm | 2000 | 800 | 1 |  |
| MDF | 5mm | 200 | 800 | 1 |  |
| | 7mm | 800 | 800 | 8 |  |
| Acrylic | 10mm | 100 | 800 | 1 |  |
| Acrylic | 25mm | 100 | 800 | 8 |  |
| Stainless Steel Sheet | 0.05mm | 800 | 800 | 1 |  |