

# Solid Acacia Cutting Boards

JOHNSON PLASTICS  
PLUS

## SOLID ACACIA CUTTING BOARDS - Laser Engraving

HDCBAC1 | HDCBAC2 | HDCBAC3



## GENERAL LASER ENGRAVING PROCESS

### Recommended Equipment & Accessories

- CO2 Laser Engraver
- Clean Towel
- Isopropyl Alcohol

<b>Recommended Settings- Laser Engraving</b>	
<b>50-60W lasers</b>	
Laser Power	30-40
Laser Speed	60-70
Resolution (DPI/PPI)	500-600

### General Laser Engraving Instructions

- Place the cutting board onto the laser bed and align to the zero point on the laser bed.
- Adjust the laser focus to the surface of the board.
- Once the artwork is positioned, engrave using the suggested starting settings.
  - Settings may need adjusted depending on the laser tube wattage.
- When finished, remove the board from the laser bed.
- If cleanup is needed, wipe the surface with a clean cotton cloth lightly misted with isopropyl alcohol.

---

### Tips and Tricks

- To help with artwork placement, utilize the product template for this item, found on the item's product page on [jpplus.com/](http://jpplus.com/).
- Higher perceived contrast can be created by increasing engraving depth with higher engraving power and/or lower engraving speeds.
- To create airbrushed or paint-filled color engraving, apply masking to the surface of the cutting board and engrave through the masking.
  - Laser settings may need to be increased to compensate for the extra masking layer.
  - Paint or airbrush the engraved areas first and let dry. Remove masking when dry.

---

### Troubleshooting

- The engraving is too shallow.
  - Laser power setting and/or resolution may need to be increased.
  - Laser speed setting may need to be decreased.
  - Check laser focus.
  - Check and clean laser lenses and mirrors.
  - Check laser alignment. (see laser users manual on how to check and adjust laser beam alignment)
- The engraving is too deep.
  - Laser power setting and/or resolution may need to be decreased.
  - Laser speed setting may need to be increased.
- The engraved area is charring/melting.
  - Laser power setting and/or resolution may need to be decreased.
  - Laser speed setting may need to be increased.

---

### **Templates and Images**

- Visit [jpplus.com](https://jpplus.com) to find the product page for this item. The product template may be found under the Tech Docs and Downloads area of the page.

---

**To order more of this product, see similar products and much more, please visit [jpplus.com](https://jpplus.com).**

For additional product support and troubleshooting, please contact JPPlus Advanced Support Team:

- Phone: 419-500-4877
- Email: [ast@jpplus.com](mailto:ast@jpplus.com)
- Schedule an appointment: <https://jpplusadvancedsupport.setmore.com/>