

Saddle Collection Products

JOHNSONPLASTICS
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SADDLE COLLECTION PRODUCTS - HOBBY Laser Engraving

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GENERAL LASER ENGRAVING PROCESS

Recommended Equipment & Accessories

- CO2 Laser Engraver
- Clean Towel
- Isopropyl Alcohol

Recommended Settings- Laser Engraving- Glowforge (faster engraving)	
Laser Power	20-25%
Laser Speed	1000 (max)
Resolution (LPI)	225

Recommended Settings- Laser Engraving- Glowforge (higher precision engraving)	
Laser Power	12-15%
Laser Speed	1000 (max)
Resolution (LPI)	340

General Laser Engraving Instructions

- Place the product onto the laser bed and close the laser. The laser will automatically take a photo of the laser bed.
- Import and position the artwork over top of the product in the laser software/dashboard.
- 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 product from the laser bed.
- If cleanup is needed, wipe the surface with a clean cotton cloth lightly misted with isopropyl alcohol.

GENERAL LASER CUTTING PROCESS

Recommended Settings- Laser Cutting- Glowforge	
Laser Power	20-25%
Laser Speed	150-200

General Laser Cutting Instructions

- **These recommendations are recommended for Saddle Collection Leather-Like Sheet ONLY- SC071, SC072, SC075, SC078, SC079**
- Place the product onto the laser bed and close the laser. The laser will automatically take a photo of the laser bed.
- Import and position the artwork over top of the product in the laser software/dashboard.
- Once the artwork is positioned, send the laser cut using the suggested starting settings.
 - Settings may need adjusted depending on the laser tube wattage.
- When finished, remove the product 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/.

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.
- The edges along the laser cut line are curling.
 - Laser power setting may need to be decreased.
 - Laser speed setting may need to be increased.
 - Use a laser cutting ("honeycomb") grid insert to set the product up off of the solid metal laser bed.
 - Use air assist if available.

Templates and Images

- Visit 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.

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

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