Solar Control, Safety and Security Window Films: **Tech Bulletin**

Filmhandler Troubleshooting and Advanced Tips

Designed for precise window film precutting, the Filmhandler is a valuable tool. This bulletin aims to enhance your experience by providing advanced techniques and solutions to common issues.

Troubleshooting

Wavy cuts – these typically occur when the blade holder is not aligned properly or if the blade has strands of film from previously cut film or blade is overtightened causing a bend. Resolve by loosening, clearing or replacing the blade.

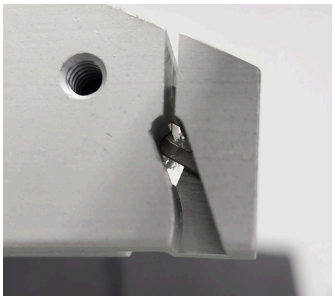

Image 1

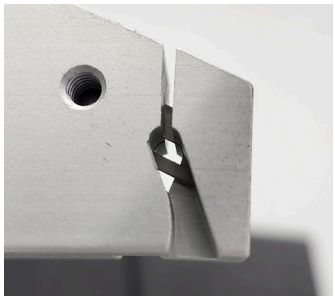

Image 2

Wavy cuts could also occur when the film is shifting left and right. Use shims to help control the shifting of the film.

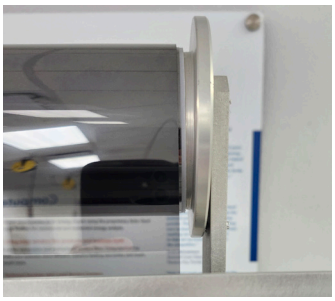

Image 3



Image 4

Resistance during cutting or film tearing – resistance may be felt when the blade is damaged. Resolve by inspecting the blade and repositioning or replacing.

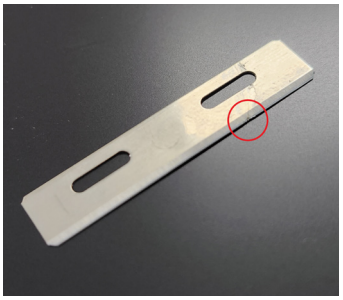

Image 5

Film is scratching – On new Filmhandlers, you may experience a small scratch on the film as it exits the blade holder with films thicker than 4-mil. In most cases, this can be resolved by sliding 800-1000 grit sandpaper through the cutting head and working back and forth in all directions.



Image 6

If you experience fine vertical scratches when cutting heavy gauge films, clean the cross bar and inspect for damage. Films on 6-inch cores will rub against the cross bar prior to reaching the cutting head. Alternatively, apply Teflon tape across the crossbar to alleviate any friction.



Image 7

Advanced Tips

Heavy gauge film cutting

While heavy gauge film may be cut with standard Filmhandler blades, you may experience more success using a 9mm Olfa blade. The end of the blade with no more than two clips left is enough to insert and prevent the blade from being exposed.

Use bar clamps to secure the holding bar to the

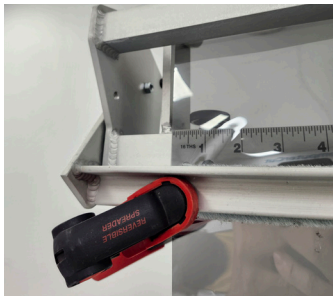

Image 8



Image 9

Filmhandler base during final cuts. Bar clamps can beused on both sides preventing film shifting during the final cut.

Tension Adjustment

On the back side of the roller assembly, there is a small flathead screw that can be used to control the roller spin speed when pulling film. It applies pressure to the backside of the roller to limit over spinning.



Image 10

Decreasing waste

When cutting film, stop 1 ¾ - inches short of the intended vertical size. Roll the film up a bit to clear the stop point of your cut. Move the cutting head aside and roll the film back down to cutting position. This eliminates 1 ¾ - inches of waste between size changes.

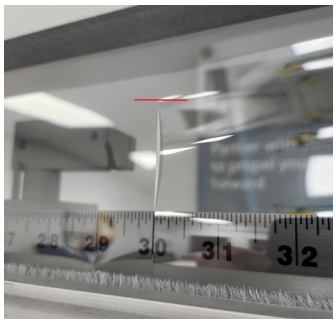

Image 11

Maximizing width cut

The hub on the right roller assembly can be removed and reattached to the opposite side. This allows for the bracket to be positioned with right angle facing out. To prevent hub from falling off, a wing nut or similar can be secured to the exposed thread or use Loctite to secure. This allows the cutter head to be moved within 1-inch of the right roller assembly or within +/- ¾ - inch of full roll width.

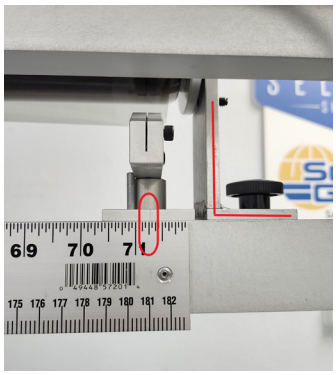

Image 12

Reduce set-up, tear down time

Apply an adhesive backed tape measure to the face of the ladder replacing the need for the vertical ruler. This also makes storage easier with no loose parts.



Image 13

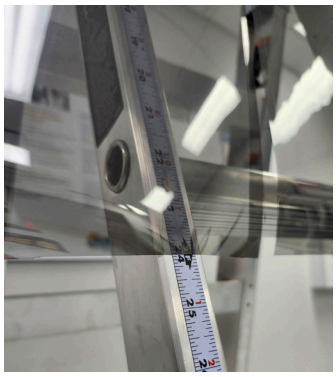

Image 14