



There are a number of reasons why registration shift occurs.

1. First, determine whether the shift observed is due to a gradual continuous process called creep (media slipping slowly on the grit shaft) or a sudden shift (lines with sudden sharp angles).
2. If you use paper in your plotter, fibers may break down while plotting. This causes slippage. Call IOLINE Customer Service and request our maintenance bulletin for information on routine cleaning of your grit shaft.
3. Vinyl, rubylith and paper all stretch if pulled off a heavy roll. If you unroll a length of media prior to cutting, this will minimize some registration problems. By providing temporary support, like a table in front, extra long length media can coil rather than hang on to the floor. The load on the cutting surface caused by heavy vinyl and sandblast masking can be reduced.
4. The chartwheels may have a flat spot on them allowing slick materials, like vinyl, to shift. Inspect the wheels carefully.

The grit shaft may have lost enough grit to hinder registration. If you think this is the case, the grit shaft may need to be replaced.