

Plate Trimming

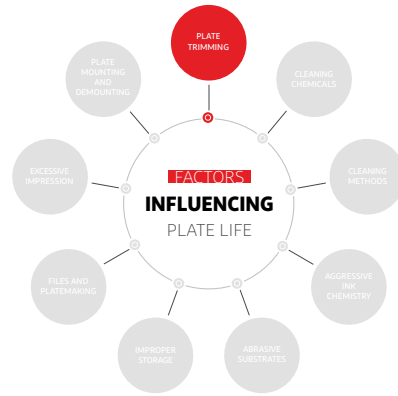
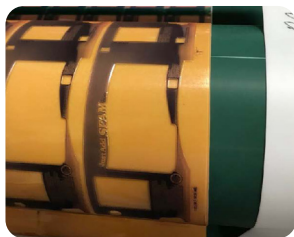


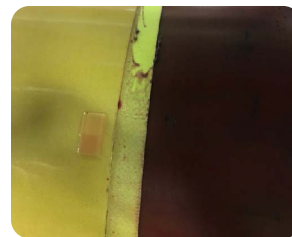
Plate trimming is required to fit the plate onto cylinders. However, incorrect practices will damage the plates. The possibility of plate lift will increase if the plates are not trimmed correctly.

Best Practices for Plate Trimming:

- Have at least 1/4" of stickyback outside of perimeter of plate to guard against plate lift.
- Plates that are trimmed even with the cushion often have "knife burrs" or "nicks" from trimming.
- "Burrs" allow solvent/cleaner/ink to migrate between plate and tape. These will eventually damage the adhesive between the plate and the tape, and cause plate lift.



Incorrect Practice:
A cylinder showing that the mounting tape has been trimmed to the edge of a plate



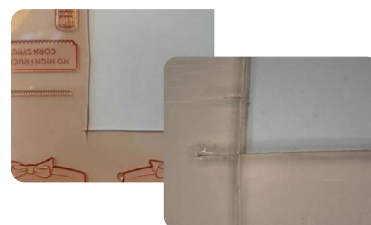
Recommended Practice:
A cylinder showing a 1/4" tape extending beyond the plate edge

Often, depending on the job layout, plates require unique cuts for nesting the graphics at the plate seam. These cuts are often done manually and will result in plate damage during demounting. Below are some tips that you can use if your job requires these unique cuts.

- Corners that are cut at 90° angles are more likely to rip while demounting due to stresses induced at the corners which initiate a tear.
- If possible, cut corners using a round corner with a continuous movement of the blade.
- Kongsberg CNC Table helps with this issue.



Rounded corners have no cuts



90° corner trim leaves small cuts that will rip during demount

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