

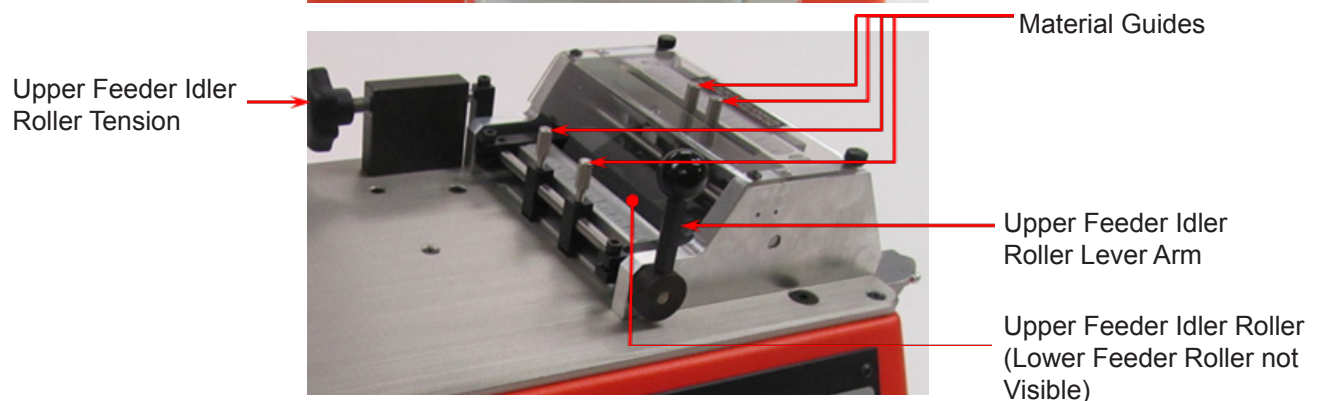
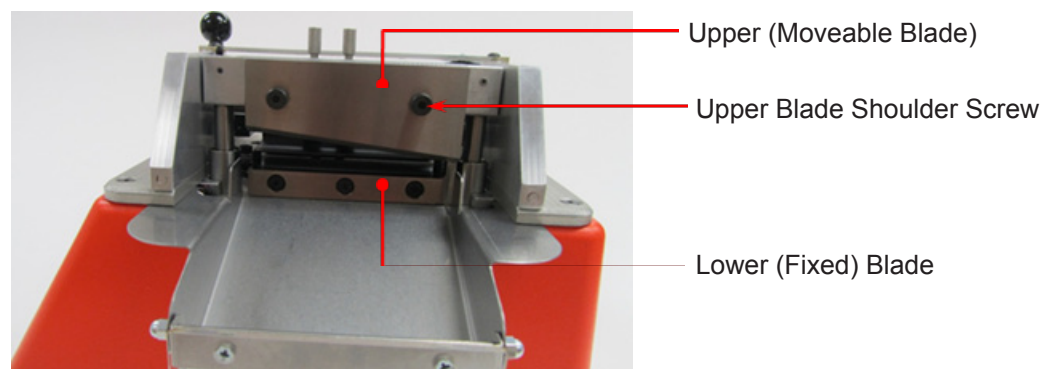
MMC71 Blade Replacement and Adjustment Procedure

Please Call for Service or Spare Parts

! CAUTION: ALWAYS UNPLUG ELECTRICAL SUPPLY WHEN REPLACING BLADES, ADJUSTING BLADES OR SERVICING THE UNIT.

Blade Replacement Procedure

1. Open the top right clear plastic guard by removing the two (2) black thumb screws.
2. Manually raise the upper blade to its highest position (if it is not currently there) by forcing the upper blade holder up. **DO NOT RAISE THE UPPER BLADE BY GRASPING THE BLADE AS THE BLADE IS SHARP.** Instead, use the two (2) shoulder screws.
3. Remove the upper blade by loosening the two (2) shoulder screws that hold the blade using the supplied 1/8" Allen wrench. It is recommended to loosen the shoulder screws slowly, as there are springs behind the blade and the compression should be relieved carefully. **CAUTION: THE UPPER BLADE IS NOW FREE AND MAY FALL IF NOT SUPPORTED.**
4. Remove the lower blade by removing the three (3) screws from the lower blade holder using the supplied 5/64" Allen wrench.
5. Replace the lower blade by securing it with the three screws.
6. Replace the upper blade by securing it with the two (2) shoulder screws. Ensure that the three (3) blade springs are in place behind the upper blade.
7. Complete the Blade Adjustment Procedure, as described on the following pages.



Blade Adjustment Procedure

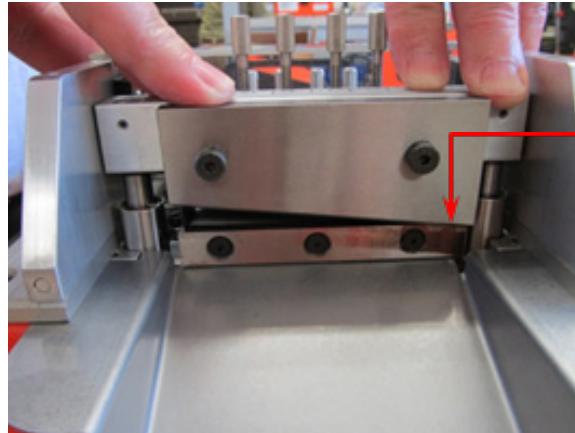
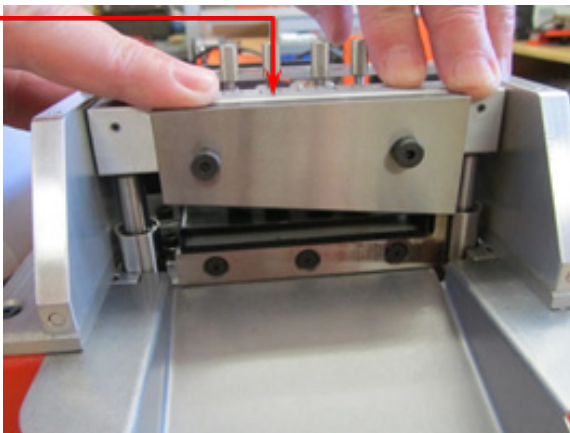
The blades on the MMC71 are very sharp, but over time they will dull to the point of needing adjustment to retain an optimal cut. Adjustments can be made several times before the blades need to be sharpened or replaced. Blade life is not published because it is material dependent. Note that blade adjustment doesn't always correlate to blade tightening. In some instances the blade may need to be loosened, as the blades are spring loaded and tightening may conversely move the blades further apart. Fine adjustments may be required to achieve a perfect cut. Coarse adjustments are not recommended as it could lead to blade damage. While performing adjustments, it should be ensured that the upper blade does not inadvertently strike the top of the lower blade as this will also damage the blades.

1. Ensure the power is off and the unit is unplugged and then open the guard.



2. With the guard open, manually move the upper blade down until the right side is just over the lower blade.

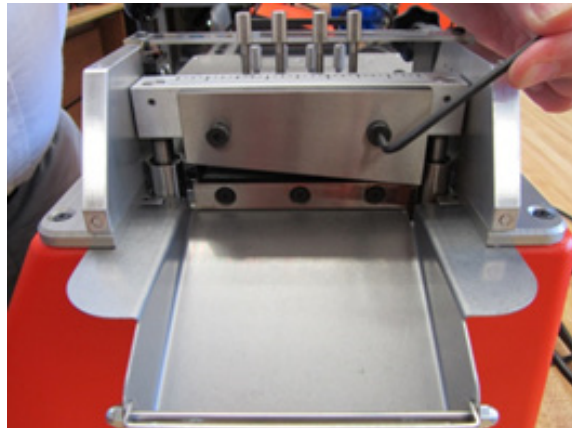
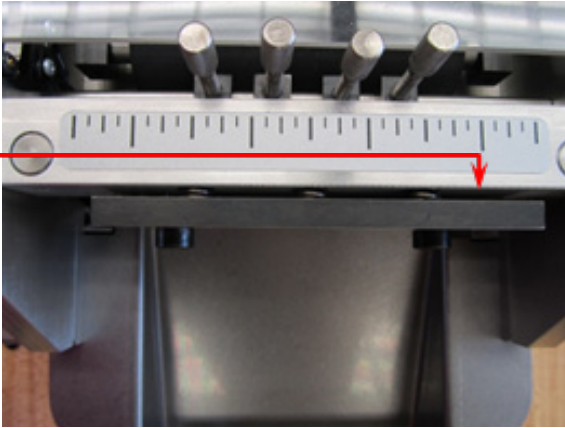
Push
Down



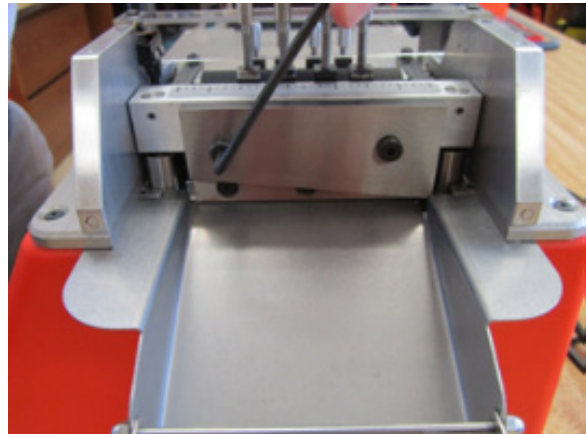
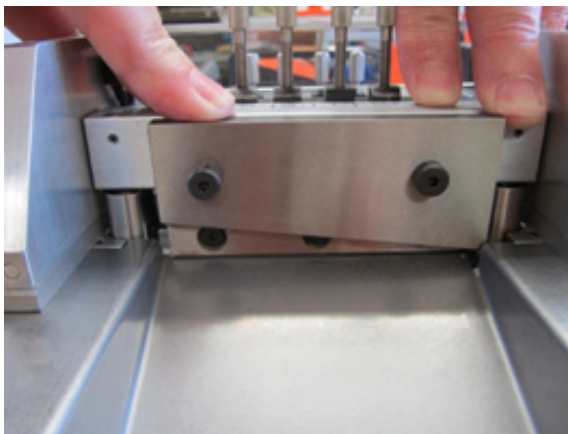
Push
down until
the right
side just
touches
the corner
of the
lower
blade.

- Using the supplied 1/8" Allen wrench, begin adjusting the right screw. When viewing from the top as shown in the (left) photo below, tighten (or loosen) the right screw until the upper blade just touches the lower blade. If adjusted optimally, no gap should be apparent between the upper and lower blades.

Look down on right side to check for a gap between the upper and lower blades. Adjust the screw until the blades are just touching.



- Manually move the upper blade all the way down (left photo) and begin adjusting the left screw (right photo). Tighten (or loosen) the left screw until there is no apparent gap on the left side between the upper and lower blades (as viewed from the top).



- Manually pull the upper blade all the way up using the screw heads (**NOT BY GRASPING THE BLADE**). Manually cycle the blades; a scissors-type sound should be heard, however the blades should not grind.

Close the guard and power on the machine and first test with a piece of office paper. If the blades cut the paper cleanly, then try cutting the intended material. The material should be tested in several positions along the blade.

If the material does not cut cleanly in all positions repeat this process as necessary until the blades achieve a clean cut across their length. If the blade cuts the material well on one side but not the other, fine adjustment on one side may only be necessary.

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