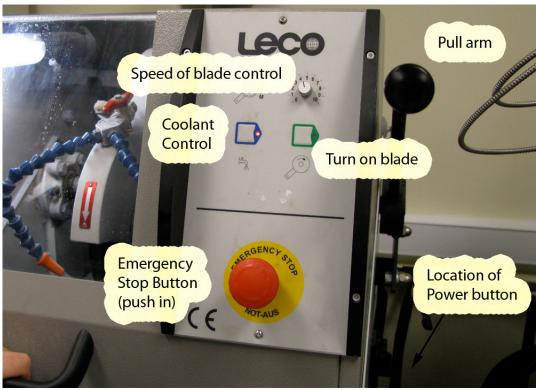
LECO MSX 205M Cutoff Saw

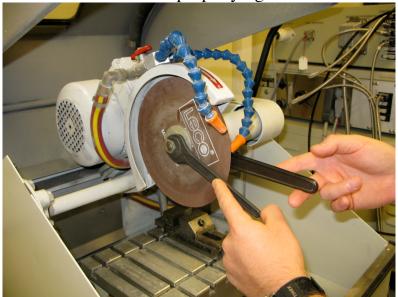


Overview of ATM Saphir 530 Dual Wheel Specimen Preparation System

- 1. Make sure SAFETY GLASSES are worn at all times when operating the saw due to a risk of flying debris
- 2. Turn on the cutoff saw, located on the right corner machine.
- 3. Ensure proper blade is chosen. For MSE 360 lab, we chose a blade for non-ferrous materials. Also note the maximum RPM of the blade being used.



4. Make sure the wheel is properly tightened



- 5. Place sample in vice grips, making sure to tighten specimin properly
- 6. Specimens were cut to be approximately 5mm
- 7. Turn on power to saw after choosing appropriate water-cooling level



and position water arms to be on the blade and close to your sample.

8. Make use of the <u>pull arm</u> or the <u>x-y table</u> to make the cut into the sample.



9. Turn power to the blade off, water coolant and blade stop immediately.

10. When finished making all cuts, make sure to thoroughly rinse the inside with the provided hose



11.	Dry with paper towells and spray vice and x-y stage with WD-40 to minimize osion.
12.	Turn off power to machine.