



# Granulating Procedure

Written By: John David Murtagh

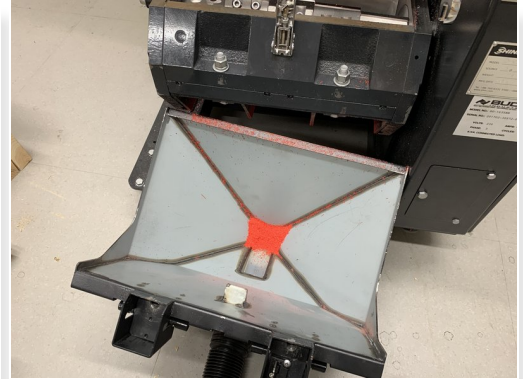
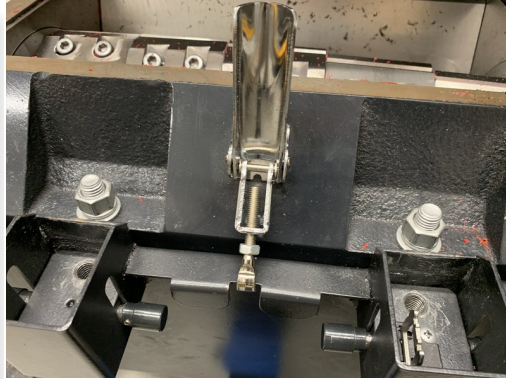
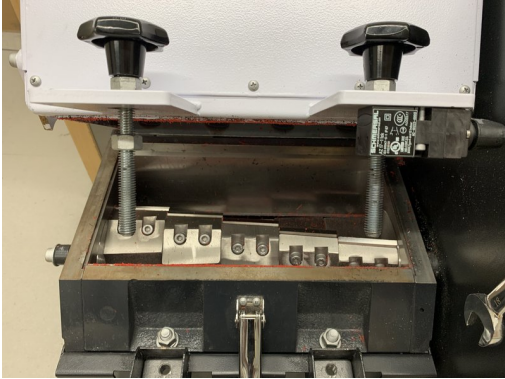


## Step 1 — Relocate Granulator



- The granulator is normally stored in the instrument/electronics shop which is adjacent to the IFL.
- You need to relocate the granulator so it is near a high voltage plug in the IFL during operation.

## Step 2 — Verify Granulator has been Cleaned



- i** Before granulating anything, you should verify that the last user has cleaned out the granulator to reduce cross contamination.
- Unscrew the two screws on the front and the granulator chute should be able to pivot so that the blades are accessible.
  - Also release the lever on the front so that the bottom container is released.
  - Use the large shop vac to clean out any granulate remaining in the machine. Also verify it is emptied as you will be using it later.
  - Close up everything when you are done cleaning.

## Step 3 — Grab Adequate Protection



- The granulator is LOUD, so make sure to wear hearing protection when the machine is running.
- Also make sure you are wearing a pair of safety glasses.

## Step 4 — Start Granulating

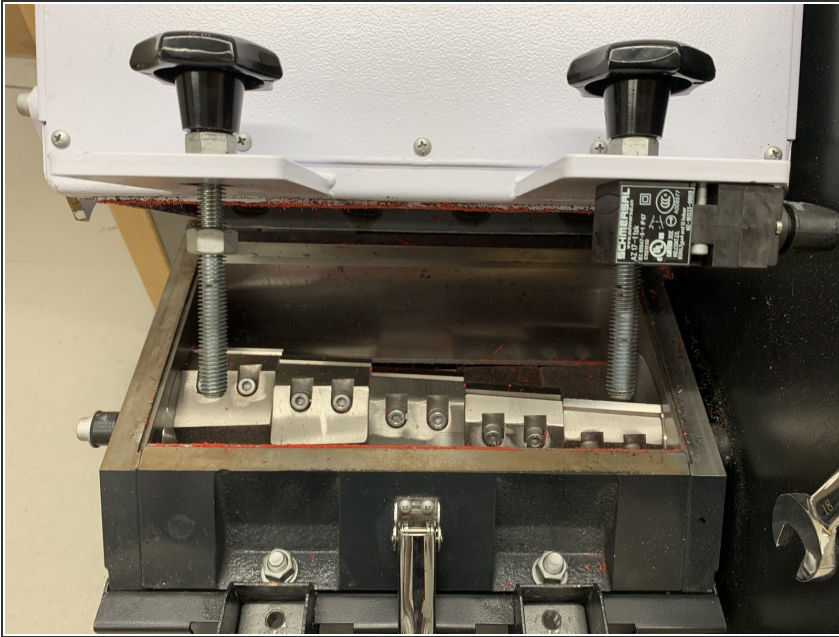


- ① The granulator is loud. Make sure everyone in the lab is aware of your granulating intentions BEFORE starting.
- Connect the Shop Vac to the port on the granulator basin. First verify the vacuum is connected so that it is creating suction.
- Turn on the shop vac and press the green button on the granulator.
- You may now begin feeding your plastic into the granulator.

This document was generated on 2021-12-29 04:11:17 PM (MST).



## Step 5 — Listen as you Granulate



- ❗ There is the possibility that a jam could occur, so in the event this happens follow the steps below.
- Turn off the granulator.
- Unscrew the two screws on the front and pivot the granulator chute back.
- Remove any obstructions.
- Close up the granulator and continue as usual.

## Step 6 — Harvest the Granulate



- Periodically pause and open up the shop vac to see how much granulate you have collected.
- Once it fills up substantially, you will want to empty it into a large plastic bag before continuing.

## Step 7 — Clean Up

---



- Clean out the granulator basin by repeating Step 2.
- Return the granulator to its storage location.
- Clean up any mess made by the granulating process.

---

This concludes the Granulating Procedure training. Happy Granulating!