

## **Slip Roller**

### **•Review dress code**

- Safety Glasses must be worn at ALL times in the Shop.
- Remind students that long hair must be tied back, loose clothing and/or jewelry must be removed
- Remind students that the EDGES of sheet metal may be VERY sharp.

### **•Intro/Strengths**

- Slip roller is for sheet metal, flat stock, and rod.
- Rod must be run through the round “grooves” on end of rollers
- Material is rolled through machine to create a constant radius curve.

### **•Operation**

#### **-Get student involvement in setup and operation of demo**

- Demonstrate setting up feed roller pressure using material to be rolled.
  - make sure feed roller are parallel.
- Demonstrate rear roller adjustment.
  - Make sure rollers are parallel.
  - Initial passes should be made with light roller pressure
- Demonstrate rolling piece through.
- Change spacing on rear roller and demonstrate effects (more curvature in work piece)
- Curves are compounded. Rolling a piece through once has a different curve than rolling a piece through twice even if the rear roller is not changed.
- Identical pieces can be difficult to replicate unless they are done in same/similar sequence.
- Top roller can be raised to slide out material if a complete circle is being rolled.

### **•Remind students to clean up after themselves.**

- Remove all material and scraps from surrounding area and floor
- Show them where the metal recycling, brooms, etc. are located and what our expectations for clean-up are.

**REMEMBER- We are here to help. If you have any questions, ask!**