

## **JET LATHES**

NOTE: Lathe certification must be done by a certified supervisor, and only after the member has obtained proper lathe training as determined by the supervisor

### **SAFETY**

Always wear a safety shield.

Wear proper apparel. Do not wear gloves.

Keep floor area clean to avoid slipping.

Make sure no one is in the danger zone when turning.

When removing spur drive, use rag or glove to avoid injury.

Always remove knock-out bar before starting lathe.

NEVER PUSH INDEX BUTTON WHEN MACHINE IS RUNNING.

Use correct tool for the job.

Do not sharpen shop tools. You can sharpen personal tools.

Keep machine guards in place.

Do not over-reach.

Remove power from source before maintaining machine..

Do not leave unattended machine running.

Keep tools sharp.

Check condition of stock to be turned. Consider if it might be thrown from the lathe based on its condition.

### **OPERATION**

Before mounting work, be sure lathe is set to lowest speed. Never adjust speed while lathe is stopped.

To adjust speed, start lathe, pull lever back and move it from one direction to another to make certain the lock disengages before moving the speed control lever.

To rotate the headstock, release the locking lever and rotate the locking pin. Make sure the locking lever is tight before doing any outboard turning.

Bring tailstock up to the work piece and tighten the locking lever, adjust the tool rest up close to the work and just below the center, then securely lock the tool rest in place.

Turn your work-piece by hand to see that it clears the tool rest.

Check alignment of the headstock and tailstock.

Check to see headstock is tightened.

Do not over-tighten the quill. Place pin in groove and tighten lightly.

When changing the chuck, hold on to the chuck and turn the hand wheel to remove the chuck. Spinning the chuck can result in a dropped chuck. Ouch!

If a chuck or face plate is too tight to remove by hand, use the wrench provided at each lathe to hold the shaft while loosening the chuck or face plate.

Be sure and wipe the machine with WD40 after turning wet wood. DO NOT spray the WD40 directly on to the machine. Instead, spray on a paper towel and wipe the lathe bed, tool rest, etc.

Clean work area, including cabinets, after turning.

Make sure all accessories and tools are stored after use.

When using power sander, do so at slow speeds to avoid wearing out the Velcro pads. Use a light pressure. Let the sandpaper do the work. Heavy pressure wears out the sanding discs, generates excessive heat, and destroys the Velcro pad.