

Metal Lathe



Step 1 — Safety



- Approved safety glasses must be worn at all times with this equipment.
- Gloves must not be worn when using this equipment.
- Close fitting protective clothing or a suitable workshop apron is advisable.
- Contain or restrain long and loose hair, and remove exposed rings or jewellery

Step 2 — potential hazards



- Rotating parts – Entanglement
- Ejected material and particles
- Eye injuries
- Hot metal – Burn
- Noise
- Sharp edges and burs

Step 3 — OPERATIONAL SAFETY PROCEDURES



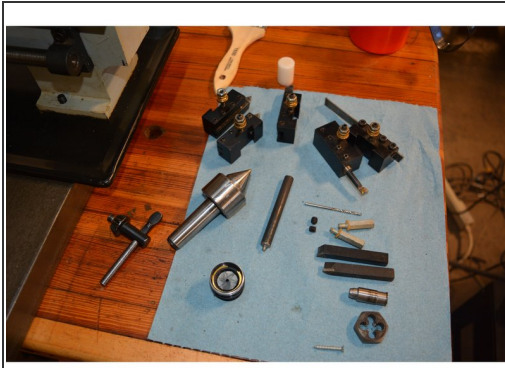
- Move the carriage saddle and tailstock along the bed to allow room and clearance to the lathe chuck.
- place round stock securely in the 3 jaw chuck, tightening with the chuck key
- Turn lathe chuck and workpiece slowly by hand to ensure clearance and correct fitment in the chuck

Step 4



- Select correct spindle speed using motor speed switch and the speed gear select handles.
- Securely mount required cutting tool into the tool post and center the height using tailstock live center as a reference.

Step 5



- Keep all body parts well clear (at least 150mm) of the rotating chuck and the tool post.
- Use cutting fluid as required to prevent workpiece from heating.
- Using the carriage/saddle handwheel, cross slide and compound handwheels to make cuts of the workpiece
- Take caution to not drive tool post into the chuck!

Step 6 — post operation



- Switch off the power to the machine when work is completed.
- Never leave chuck key in the chuck.
- Clean up all debris using a brush and dispose of appropriately
- Put away all accessories and tooling.
- Dispose of any waste material in the appropriate bins provided.